

# Historic Centre of the City of Pienza

## 1. World Heritage Property Data

### 1.1 - Name of World Heritage property

Historic Centre of the City of Pienza

### 1.2 - World Heritage property details

### 1.3 - Geographic information table

| Name                                  | Coordinates     | Property (ha) | Buffer zone (ha) | Total (ha)  | Inscription year |
|---------------------------------------|-----------------|---------------|------------------|-------------|------------------|
| Historic Centre of the City of Pienza | 43.077 / 11.679 | 4.41          | 0                | 4.41        | 1996             |
| <b>Total (ha)</b>                     |                 | <b>4.41</b>   | <b>0</b>         | <b>4.41</b> |                  |

### 1.4 - Map(s)

| Title   | Date | Link to source  |
|---|------|---|
| Historic Centre of the City of Pienza, scale 1:1000 | 2008 |  |

### Comment

Official GIS map from Tuscany Region at the following address: <http://www502.regione.toscana.it/geoscopio/sitiunesco.html>

### 1.5 - Web and Social Media data of the property (if applicable)

1. [Comune di Pienza \(only in Italian\)](#)

### Comment

<https://www.facebook.com/ComunePienza> [https://www.instagram.com/pienza\\_citta](https://www.instagram.com/pienza_citta) <https://twitter.com/CittaPienza> <https://t.me/CittaDiPienza>

## 2. Other Conventions/Programmes under which the World Heritage property is protected (if applicable)

### 2.1 - Records indicate that your World Heritage property (in whole or in part) is designated and/or protected under the Conventions/programmes shown in the prefilled table below. Please check and amend as necessary.

|       |   | The World Heritage property (in whole or in part) <u>is</u> designated and/or protected under this convention/programme | The World Heritage property (in whole or in part) <u>is not</u> designated and/or protected under this convention/programme |
|-------|---|---|---|
| 2.1.1 | <b>International Register of Cultural Property under Special Protection</b><br>(1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)       |   | ✘   |
| 2.1.2 | <b>List of Cultural Property under Enhanced Protection</b><br>(Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict) |   | ✘   |
| 2.1.3 | <b>The List of Wetlands of International Importance (The Ramsar List)</b><br>(Convention on Wetlands of International Importance (Ramsar Convention))                               |   | ✘   |
| 2.1.4 | <b>World Network of Biosphere Reserves</b><br>Man and the Biosphere (MAB) Programme   |   | ✘   |
| 2.1.5 | <b>Global Geoparks Network</b><br>UNESCO Global Geoparks  |   | ✘   |

### 2.2 - Please provide comments on 2.1 if necessary

### 2.3 - Do your national authorities intend to request the granting of Enhanced Protection (if relevant) under the Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict for the World Heritage property in the next three years?

No

### 2.4 - Do your national authorities intend to designate whole or part of the World Heritage property for inclusion in the List of Wetlands of International Importance (The Ramsar List), if relevant, in the next three years?

No

### 2.5 - Do your national authorities intend to designate whole or part of the World Heritage property as a Man and Biosphere Reserve (if

relevant) in the next three years?

No

**2.6 - Do your national authorities intend to apply for whole or part of World Heritage property to be designated as a UNESCO Global Geopark (if relevant) in the next three years?**

No

**2.7 - Please indicate the level of cooperation at property level between designations under different Conventions/Programmes**

|              |  |   |
|--------------|--|---|
| <b>2.7.1</b> | <b>1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict</b>                        |   |
| 2.7.1        | There is <b>no contact</b> with the Focal Point(s) of this designation/programme.  | ✘ |
| 2.7.2        | The World Heritage Site Manager <b>occasionally</b> communicates with the Focal Point(s) of this designation/programme.    |   |
| 2.7.3        | The World Heritage Site Manager <b>regularly</b> communicates with the Focal Point(s) of this designation/programme.       |   |
| 2.7.4        | The World Heritage Site Manager <b>also manages</b> this designation/programme.  |   |
| <b>2.7.2</b> | <b>Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict</b> |   |
| 2.7.1        | There is <b>no contact</b> with the Focal Point(s) of this designation/programme.  | ✘ |
| 2.7.2        | The World Heritage Site Manager <b>occasionally</b> communicates with the Focal Point(s) of this designation/programme.    |   |
| 2.7.3        | The World Heritage Site Manager <b>regularly</b> communicates with the Focal Point(s) of this designation/programme.       |   |
| 2.7.4        | The World Heritage Site Manager <b>also manages</b> this designation/programme.  |   |
| <b>2.7.3</b> | <b>Convention on Wetlands of International Importance (Ramsar Convention)</b>  |   |
| 2.7.1        | There is <b>no contact</b> with the Focal Point(s) of this designation/programme.  | ✘ |
| 2.7.2        | The World Heritage Site Manager <b>occasionally</b> communicates with the Focal Point(s) of this designation/programme.    |   |
| 2.7.3        | The World Heritage Site Manager <b>regularly</b> communicates with the Focal Point(s) of this designation/programme.       |   |
| 2.7.4        | The World Heritage Site Manager <b>also manages</b> this designation/programme.  |   |
| <b>2.7.4</b> | <b>Man and the Biosphere (MAB) Programme</b>   |   |
| 2.7.1        | There is <b>no contact</b> with the Focal Point(s) of this designation/programme.  | ✘ |
| 2.7.2        | The World Heritage Site Manager <b>occasionally</b> communicates with the Focal Point(s) of this designation/programme.    |   |
| 2.7.3        | The World Heritage Site Manager <b>regularly</b> communicates with the Focal Point(s) of this designation/programme.       |   |
| 2.7.4        | The World Heritage Site Manager <b>also manages</b> this designation/programme.  |   |
| <b>2.7.5</b> | <b>UNESCO Global Geoparks</b>  |   |
| 2.7.1        | There is <b>no contact</b> with the Focal Point(s) of this designation/programme.  | ✘ |
| 2.7.2        | The World Heritage Site Manager <b>occasionally</b> communicates with the Focal Point(s) of this designation/programme.    |   |
| 2.7.3        | The World Heritage Site Manager <b>regularly</b> communicates with the Focal Point(s) of this designation/programme.       |   |
| 2.7.4        | The World Heritage Site Manager <b>also manages</b> this designation/programme.  |   |

**2.8 - Please add any further comments on cooperation with the other designation(s)/programme(s)**

**2.9 - Are you aware of any elements associated with the World Heritage property that have been inscribed on the Representative List of the Intangible Cultural Heritage?**

No

**2.10 - Please list any elements associated with the World Heritage property inscribed under the Convention for the Safeguarding of the Intangible Cultural Heritage of which you are aware**

**2.11 - Are you aware of any documentary heritage listed under the Memory of the World Programme associated with the World Heritage property?**

No

**2.12 - Please list any documentary heritage associated with the World Heritage property listed under the Memory of the World Programme of which you are aware.**

3. Statement of Outstanding Universal Value

**3.1 - Statement of Outstanding Universal Value for the property as adopted by the World Heritage Committee**

## Statement of Outstanding Universal Value

### Brief synthesis

Pienza, located on the crest of a hill overlooking the Val d'Orcia, 53 km south-east of Siena, was established in the medieval period as Corsignano. The town was renamed and redesigned in the late 15th century by Pope Pius II. Born in this Tuscan town, Enea Silvio Piccolomini became a leading humanist before being elected as Pope in 1458.

Renaissance town-planning concepts were first put into practice when Pope Pius II enlisted the architect Bernardo Rossellino to transform his birthplace. Rossellino applied the principles of his mentor, Leon Battista Alberti, a humanist thinker and architect,

author of the first architectural treatise of the Renaissance. The Pope was further influenced by German philosopher Cardinal Nicolò Cusano and the German Gothic tradition. This is evidenced in the interior of the Pienza Cathedral, typical of the late Gothic style of southern German churches while the exterior is pure Renaissance. The bell tower blends Gothic and Renaissance forms.

The new vision of urban space was realized in the superb trapezoidal square known as Piazza Pio II. The construction of new major buildings around the square began in 1459 and included the cathedral as well as Piccolomini Palace, the Borgia Palace (or Episcopal Palace), the Presbytery, the Town Hall, and the Ammannati Palace. While the medieval urban plan was largely respected, a new main axis road, Corso Rossellino, was built to connect the two main gates in the medieval wall, which was also reconstructed during this period. Pius II's plan, to develop the town as his summer court, involved the construction or reconstruction of approximately 40 buildings, public and private, which further transformed the medieval town into a creation of the Italian Renaissance. These included new buildings for the cardinals in the papal retinue as well as 12 new houses constructed for the general populous near the walls and Porta al Giglio.

As the first application of the Renaissance Humanist concept of urban design, the town occupies a seminal position in the development of the concept of the planned "ideal town" and plays a significant role in subsequent urban development in Italy and beyond.

**Criterion (i):** The application of the principle of the Renaissance "ideal city" in Pienza, and in particular in the group of buildings around the central square, resulted in a masterpiece of human creative genius.

**Criterion (ii):** The Historic Centre of Pienza, as the first application of the Renaissance humanist concept of urban design, was to play a significant role in subsequent urban development in Italy and beyond.

**Criterion (iv):** The buildings surrounding Pienza's central square are an outstanding example of Humanist Renaissance design.

### Integrity

The boundary of the site, defined by its original wall, includes all the essential elements that contribute to the justification of its Outstanding Universal Value. The ensemble created by Pius II has maintained its structural and visual integrity remaining essentially intact in all its components.

Threats to the historic centre are primarily due to the influx of tourists, which requires an improved tourist management system. Moreover, rising property values create a risk of depopulation that would impact the town's social cohesion. The general maintenance of the historic buildings in the core is, in part, focused on geological problems. The instability of the soil, particularly in the piazza, has caused ongoing structural problems to the cathedral since its construction.

### Authenticity

The Historic Centre of Pienza has retained authenticity in terms of design, materials, workmanship, and setting. It is still possible to easily read the medieval urban structure as well as the Renaissance intervention of Rossellino, as they have been preserved in the street plan, architecture and details, such as the central square's herringbone paving edged with travertine. All works, performed in accordance with the Charters of Restoration, have favoured the maintenance of materials of historic structures. Like other historic towns in the region, Pienza has retained its setting as it remains within its historic boundaries and, along with the surrounding agricultural landscape; it has not been subject to adverse industrial or infrastructure developments.

### Protection and management requirements

Property owners within the historic town include a variety of public, private, local organizations and ecclesiastical bodies. Restoration and conservation programmes have been carried out on historic buildings since the early 20th century. Properties with a historic, archaeological and ethnographic value are subject to the ex Legge 1939/1089, now merged in the Decree n.42/04 "Code on cultural heritage and landscape", which sets specific regulations and procedures for intervention on the property. The local authority is responsible for approvals relating to interventions but these are subject to specific safeguarding measures authorized by the relevant *Soprintendenza* (peripheral office of the Ministry for Cultural Heritage and Activities). The *Soprintendenza* can deny interventions for conservation reasons or require the interventions to be limited or restricted in order to protect the historic resource.

Conservation measures in the historic centre of Pienza are fully identified in the Municipal General Plan. In addition, several properties are subjected to further legislative measures contained in the "Census of operating municipal heritage building" in which specific categories of assistance are identified.

Finally, a new Management Plan has outlined five strategic projects: protection of the site; research and development of the humanistic character of the city; enhancement of the social dimension and use of the centre; recovery of unique architectural features and landscaping of the site; and proposal for compatible tourist and socio-economic activities. Implementation is divided into three phases: the first is dedicated to knowledge, to build public awareness of the particular characteristics of the site; the second establishes strategies aimed to enhance awareness and promotion of the site; and the third concerns control, management and development of potential sites. The management plan addresses guidelines for the conservation of architectural and urban character, without forgetting the cultural relations and social dimension of the city and the connections with the surrounding landscape, according to a strategy for exploiting the particularities and dynamics of strengthening the image of the city.

A steering committee has been established by the local offices of the Ministry for Cultural Heritage and Activities, the Province of Siena and the town of Pienza, with the objective of updating and implementing the property's Management Plan.

### 3.2 - Please list the key attributes of Outstanding Universal Value of your property and give an assessment of their condition. As a guideline, it is suggested to focus on approximately five key attributes (no more than 15 overall).

|       | Brief identification of attribute  | Preserved | Compromised | Seriously compromised | Lost |
|-------|--|-----------|-------------|-----------------------|------|
| 3.2.1 | Conservation of historical-architectural assets                            | ×         |             |                       |      |
| 3.2.2 | Consolidation interventions of the foundation of the apse of the Cathedral | ×         |             |                       |      |
| 3.2.3 | Protection of the typological characteristics of buildings                 | ×         |             |                       |      |
| 3.2.4 | Recovery of the etched façades   | ×         |             |                       |      |

|        |  |                                     |  |  |  |
|--------|--|-------------------------------------|--|--|--|
| 3.2.5  | Enhancement of the cultural aspects linked to the humanistic and Renaissance conception of the city  | <input checked="" type="checkbox"/> |  |  |  |
| 3.2.6  | Enhancement of the cultural aspects linked to belonging to the list of UNESCO properties   | <input checked="" type="checkbox"/> |  |  |  |
| 3.2.7  | Revitalization of the trading system   | <input checked="" type="checkbox"/> |  |  |  |
| 3.2.8  | Reorganization of the reception system   | <input checked="" type="checkbox"/> |  |  |  |
| 3.2.9  | Development of cultural activities linked to the territory   | <input checked="" type="checkbox"/> |  |  |  |
| 3.2.10 | Characterization of the urban edge of the historical centre  | <input checked="" type="checkbox"/> |  |  |  |
| 3.2.11 | Restoration of streets and squares with materials and finishes in compliance with the constituent characteristics of the property's urban layout | <input checked="" type="checkbox"/> |  |  |  |
| 3.2.12 | Stimulation of tourism through the preservation of historical, landscape and cultural values   | <input checked="" type="checkbox"/> |  |  |  |
| 3.2.13 |  |                                     |  |  |  |
| 3.2.14 |  |                                     |  |  |  |
| 3.2.15 |  |                                     |  |  |  |

### 3.3 - Comments, conclusions and/or recommendations related to Statement of Outstanding Universal Value

#### 4. Factors Affecting the Property

##### 4.1. Buildings and Development

###### 4.1.1 - Housing

Previous answer Cycle 2 (09/07/2014):

- Relevant, Positive, Current, Inside, Outside

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

###### 4.1.2 - Commercial development

Previous answer Cycle 2 (09/07/2014):

- Relevant, Positive, Current, Inside, Outside

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

###### 4.1.3 - Industrial areas

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

###### 4.1.4 - Major visitor accommodation and associated infrastructure

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

###### 4.1.5 - Interpretative and visitation facilities

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|  |                                       |
|--|---------------------------------------|
| <input checked="" type="checkbox"/> Relevant | <input type="checkbox"/> Not relevant |
|--|---------------------------------------|

| Impact                                       | Impact                              |           | Origin                              |                                     | Trend of impact |        |                                     |
|--|-------------------------------------|-----------|-------------------------------------|-------------------------------------|-----------------|--------|-------------------------------------|
|  | Current                             | Potential | Inside                              | Outside                             | Decreasing      | Stable | Increasing                          |
| Positive <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                 |        | <input checked="" type="checkbox"/> |
| Negative                                     |                                     |           |                                     |                                     |                 |        |                                     |

###### 4.1.6 - Please comment as necessary on how the factors selected as relevant in 4.1 are affecting the property either negatively or positively

Building referred to in 4.1.1 to 4.1.4 not legally allowed due to restrictions imposed by the Ministry of Culture. There is an undergoing, publicly funded project for enhancing infrastructure referred to in 4.1.5.

##### 4.2. Transportation Infrastructure

###### 4.2.1 - Ground transport infrastructure

Previous answer Cycle 2 (09/07/2014):

- Relevant, Positive, Current, Inside, Outside

| ✕ Relevant |         | Not relevant |        |         |                 |        |            |
|------------|---------|--------------|--------|---------|-----------------|--------|------------|
|            | Impact  |              | Origin |         | Trend of impact |        |            |
| Impact     | Current | Potential    | Inside | Outside | Decreasing      | Stable | Increasing |
| Positive   |         |              |        |         |                 |        |            |
| Negative ✕ | ✕       |              |        |         |                 |        |            |

#### 4.2.2 - Underground transport infrastructure

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |                |
|----------|----------------|
| Relevant | ✕ Not relevant |
|----------|----------------|

#### 4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |                |
|----------|----------------|
| Relevant | ✕ Not relevant |
|----------|----------------|

#### 4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |                |
|----------|----------------|
| Relevant | ✕ Not relevant |
|----------|----------------|

#### 4.2.5 - Effects arising from use of transportation infrastructure

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |                |
|----------|----------------|
| Relevant | ✕ Not relevant |
|----------|----------------|

#### 4.2.6 - Please comment as necessary on how the factors selected as relevant in 4.2 are affecting the property either negatively or positively

Maintenance of sub-urban roads is very poor and we are still waiting for the rebuilding of a strategic bridge on the River Orcia, collapsed in december 2012.

### 4.3. Services Infrastructures

#### 4.3.1 - Water infrastructure

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |                |
|----------|----------------|
| Relevant | ✕ Not relevant |
|----------|----------------|

#### 4.3.2 - Renewable energy facilities

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |                |
|----------|----------------|
| Relevant | ✕ Not relevant |
|----------|----------------|

#### 4.3.3 - Non-renewable energy facilities

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |                |
|----------|----------------|
| Relevant | ✕ Not relevant |
|----------|----------------|

#### 4.3.4 - Localised utilities

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |                |
|----------|----------------|
| Relevant | ✕ Not relevant |
|----------|----------------|

#### 4.3.5 - Major linear utilities

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |                |
|----------|----------------|
| Relevant | ✕ Not relevant |
|----------|----------------|

**4.3.6 - Please comment as necessary on how the factors selected as relevant in 4.3 are affecting the property either negatively or positively**

Cell phone towers are outside the property.

**4.4. Pollution**

**4.4.1 - Pollution of marine waters**

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

**4.4.2 - Ground water pollution**

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

**4.4.3 - Surface water pollution**

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

**4.4.4 - Air pollution**

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

**4.4.5 - Solid waste**

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

**4.4.6 - Input of excess energy**

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

**4.4.7 - Please comment as necessary on how the factors selected as relevant in 4.4 are affecting the property either negatively or positively**

**4.5. Biological resource use/modification**

**4.5.1 - Fishing/collecting aquatic resources**

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

**4.5.2 - Aquaculture**

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

**4.5.3 - Land conversion**

Previous answer Cycle 2 (09/07/2014):

- Relevant, Positive, Current, Potential, Outside

|  |                                       |
|--|---------------------------------------|
| <input checked="" type="checkbox"/> Relevant | <input type="checkbox"/> Not relevant |
|--|---------------------------------------|

| Impact                                       | Impact                              |           | Origin |                                     | Trend of impact |        |            |
|--|-------------------------------------|-----------|--------|-------------------------------------|-----------------|--------|------------|
|  | Current                             | Potential | Inside | Outside                             | Decreasing      | Stable | Increasing |
| Positive <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |           |        | <input checked="" type="checkbox"/> |                 |        |            |
| Negative                                     |                                     |           |        |                                     |                 |        |            |

#### 4.5.4 - Livestock farming/Grazing of domesticated animals

Previous answer Cycle 2 (09/07/2014):

- Not relevant

| ✗ Relevant   |           | Not relevant |          |           |                 |          |              |
|--------------|-----------|--------------|----------|-----------|-----------------|----------|--------------|
|              | Impact    |              | Origin   |           | Trend of impact |          |              |
| Impact       | 🔔 Current | 🔔 Potential  | 📍 Inside | 📍 Outside | ↘ Decreasing    | → Stable | ↗ Increasing |
| ➕ Positive ✗ | ✗         |              |          | ✗         |                 | →        |              |
| ➖ Negative   |           |              |          |           |                 |          |              |

#### 4.5.5 - Crop production

Previous answer Cycle 2 (09/07/2014):

- Relevant, Positive, Current, Potential, Outside

| ✗ Relevant   |           | Not relevant |          |           |                 |          |              |
|--------------|-----------|--------------|----------|-----------|-----------------|----------|--------------|
|              | Impact    |              | Origin   |           | Trend of impact |          |              |
| Impact       | 🔔 Current | 🔔 Potential  | 📍 Inside | 📍 Outside | ↘ Decreasing    | → Stable | ↗ Increasing |
| ➕ Positive ✗ | ✗         |              |          | ✗         | ↘               |          |              |
| ➖ Negative   |           |              |          |           |                 |          |              |

#### 4.5.6 - Commercial wild plant collection

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |                |
|----------|----------------|
| Relevant | ✗ Not relevant |
|----------|----------------|

#### 4.5.7 - Subsistence wild plant collection

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |                |
|----------|----------------|
| Relevant | ✗ Not relevant |
|----------|----------------|

#### 4.5.8 - Commercial hunting

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |                |
|----------|----------------|
| Relevant | ✗ Not relevant |
|----------|----------------|

#### 4.5.9 - Subsistence hunting

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |                |
|----------|----------------|
| Relevant | ✗ Not relevant |
|----------|----------------|

#### 4.5.10 - Forestry/Wood production

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |                |
|----------|----------------|
| Relevant | ✗ Not relevant |
|----------|----------------|

#### 4.5.11 - Please comment as necessary on how the factors selected as relevant in 4.5 are affecting the property either negatively or positively

#### 4.6. Physical resource extraction

##### 4.6.1 - Mining

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |                |
|----------|----------------|
| Relevant | ✗ Not relevant |
|----------|----------------|

##### 4.6.2 - Quarrying

Previous answer Cycle 2 (09/07/2014):

- Relevant, Negative, Current, Potential, Outside

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

#### 4.6.3 - Oil and gas

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

#### 4.6.4 - Water (extraction)

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

#### 4.6.5 - Please comment as necessary on how the factors selected as relevant in 4.6 are affecting the property either negatively or positively

#### 4.7. Local conditions affecting physical fabric

##### 4.7.1 - Wind

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

##### 4.7.2 - Relative humidity

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

##### 4.7.3 - Temperature

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|  |                                       |
|--|---------------------------------------|
| <input checked="" type="checkbox"/> Relevant | <input type="checkbox"/> Not relevant |
|--|---------------------------------------|

| Impact                                       | Impact  |                                     | Origin                              |                                     | Trend of impact |        |                                     |
|--|---------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------|--------|-------------------------------------|
|  | Current | Potential                           | Inside                              | Outside                             | Decreasing      | Stable | Increasing                          |
| Positive                                     |         |                                     |                                     |                                     |                 |        |                                     |
| Negative <input checked="" type="checkbox"/> |         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                 |        | <input checked="" type="checkbox"/> |

##### 4.7.4 - Radiation/Light

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

##### 4.7.5 - Dust

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

##### 4.7.6 - Water (rain/water table)

Previous answer Cycle 2 (09/07/2014):

- Relevant, Negative, Current, Potential, Outside

|  |                                       |
|--|---------------------------------------|
| <input checked="" type="checkbox"/> Relevant | <input type="checkbox"/> Not relevant |
|--|---------------------------------------|

| Impact                                       | Impact  |                                     | Origin                              |                                     | Trend of impact |                                     |            |
|--|---------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------|-------------------------------------|------------|
|  | Current | Potential                           | Inside                              | Outside                             | Decreasing      | Stable                              | Increasing |
| Positive                                     |         |                                     |                                     |                                     |                 |                                     |            |
| Negative <input checked="" type="checkbox"/> |         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                 | <input checked="" type="checkbox"/> |            |

#### 4.7.7 - Pests

Previous answer Cycle 2 (09/07/2014):

- Not relevant

| <input checked="" type="checkbox"/> Relevant |                                     | <input type="checkbox"/> Not relevant |                                     |                                     |                 |        |            |
|--|-------------------------------------|---------------------------------------|-------------------------------------|-------------------------------------|-----------------|--------|------------|
|  | Impact                              |                                       | Origin                              |                                     | Trend of impact |        |            |
| Impact                                       | Current                             | Potential                             | Inside                              | Outside                             | Decreasing      | Stable | Increasing |
| Positive                                     |                                     |                                       |                                     |                                     |                 |        |            |
| Negative <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                                       | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                 |        |            |

#### 4.7.8 - Micro-organisms

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|                                   |  |
|-----------------------------------|--|
| <input type="checkbox"/> Relevant | <input checked="" type="checkbox"/> Not relevant |
|-----------------------------------|--|

#### 4.7.9 - Please comment as necessary on how the factors selected as relevant in 4.7 are affecting the property either negatively or positively

Rise of temperatures and increasing of extreme rain concentrated in a short period due to climate change. Heavy presence of pigeons.

#### 4.8. Social/Cultural uses of heritage

##### 4.8.1 - Ritual/Spiritual/Religious and associative uses

Previous answer Cycle 2 (09/07/2014):

- Relevant, Positive, Current, Potential, Inside, Outside

|                                   |  |
|-----------------------------------|--|
| <input type="checkbox"/> Relevant | <input checked="" type="checkbox"/> Not relevant |
|-----------------------------------|--|

##### 4.8.2 - Society's valuing of heritage

Previous answer Cycle 2 (09/07/2014):

- Not relevant

| <input checked="" type="checkbox"/> Relevant |                                     | <input type="checkbox"/> Not relevant |                                     |                                     |                 |        |            |
|--|-------------------------------------|---------------------------------------|-------------------------------------|-------------------------------------|-----------------|--------|------------|
|  | Impact                              |                                       | Origin                              |                                     | Trend of impact |        |            |
| Impact                                       | Current                             | Potential                             | Inside                              | Outside                             | Decreasing      | Stable | Increasing |
| Positive <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                 |        |            |
| Negative                                     |                                     |                                       |                                     |                                     |                 |        |            |

##### 4.8.3 - Indigenous hunting, gathering and collecting

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|                                   |  |
|-----------------------------------|--|
| <input type="checkbox"/> Relevant | <input checked="" type="checkbox"/> Not relevant |
|-----------------------------------|--|

##### 4.8.4 - Changes in traditional ways of life and knowledge system

Previous answer Cycle 2 (09/07/2014):

- Relevant, Positive, Current, Potential, Inside, Outside

| <input checked="" type="checkbox"/> Relevant |                                     | <input type="checkbox"/> Not relevant |                                     |         |                 |        |            |
|--|-------------------------------------|---------------------------------------|-------------------------------------|---------|-----------------|--------|------------|
|  | Impact                              |                                       | Origin                              |         | Trend of impact |        |            |
| Impact                                       | Current                             | Potential                             | Inside                              | Outside | Decreasing      | Stable | Increasing |
| Positive <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>   | <input checked="" type="checkbox"/> |         |                 |        |            |
| Negative                                     |                                     |                                       |                                     |         |                 |        |            |

##### 4.8.5 - Identity, social cohesion, changes in local population and community

Previous answer Cycle 2 (09/07/2014):

- Relevant, Positive, Current, Potential, Inside, Outside

| <input checked="" type="checkbox"/> Relevant |        | <input type="checkbox"/> Not relevant |        |  |                 |  |  |
|--|--------|---------------------------------------|--------|--|-----------------|--|--|
|  | Impact |                                       | Origin |  | Trend of impact |  |  |

| Impact                                       | Current                             | Potential | Inside                              | Outside | Decreasing | Stable | Increasing |
|--|-------------------------------------|-----------|-------------------------------------|---------|------------|--------|------------|
| Positive <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |           | <input checked="" type="checkbox"/> |         |            |        |            |
| Negative <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |           | <input checked="" type="checkbox"/> |         |            |        |            |

#### 4.8.6 - Impacts of tourism/Visitation/Recreation

Previous answer Cycle 2 (09/07/2014):

- Relevant, Positive, Current, Potential, Inside, Outside

| <input checked="" type="checkbox"/> Relevant |                                     | <input checked="" type="checkbox"/> Not relevant |                                     |                                     |            |        |            |
|--|-------------------------------------|--|-------------------------------------|-------------------------------------|------------|--------|------------|
| Impact                                       | Current                             | Potential  | Inside                              | Outside                             | Decreasing | Stable | Increasing |
| Positive <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |            |        |            |
| Negative <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |            |        |            |

#### 4.8.7 - Please comment as necessary on how the factors selected as relevant in 4.8 are affecting the property either negatively or positively

High level of pride among the population for their heritage, participation of young people to traditional activities, celebrations and recovery of traditional knowledge. Heavy tourism has brought both generalized economic growth and a negative impact on livelihood of the property and a rise of estate price. Fiber is starting to bring back some people, including young people. Municipal regulation blocked the opening of restoration businesses and reduced occupation of public land in the property.

#### 4.9. Other human activities

##### 4.9.1 - Illegal activities

Previous answer Cycle 2 (09/07/2014):

- Not relevant

| <input type="checkbox"/> Relevant | <input checked="" type="checkbox"/> Not relevant |
|-----------------------------------|--|
| <input type="checkbox"/> Relevant | <input checked="" type="checkbox"/> Not relevant |

##### 4.9.2 - Deliberate destruction of heritage

Previous answer Cycle 2 (09/07/2014):

- Not relevant

| <input type="checkbox"/> Relevant | <input checked="" type="checkbox"/> Not relevant |
|-----------------------------------|--|
| <input type="checkbox"/> Relevant | <input checked="" type="checkbox"/> Not relevant |

##### 4.9.3 - Military training

Previous answer Cycle 2 (09/07/2014):

- Not relevant

| <input type="checkbox"/> Relevant | <input checked="" type="checkbox"/> Not relevant |
|-----------------------------------|--|
| <input type="checkbox"/> Relevant | <input checked="" type="checkbox"/> Not relevant |

##### 4.9.4 - War

Previous answer Cycle 2 (09/07/2014):

- Not relevant

| <input type="checkbox"/> Relevant | <input checked="" type="checkbox"/> Not relevant |
|-----------------------------------|--|
| <input type="checkbox"/> Relevant | <input checked="" type="checkbox"/> Not relevant |

##### 4.9.5 - Terrorism

Previous answer Cycle 2 (09/07/2014):

- Not relevant

| <input type="checkbox"/> Relevant | <input checked="" type="checkbox"/> Not relevant |
|-----------------------------------|--|
| <input type="checkbox"/> Relevant | <input checked="" type="checkbox"/> Not relevant |

##### 4.9.6 - Civil unrest

Previous answer Cycle 2 (09/07/2014):

- Not relevant

| <input type="checkbox"/> Relevant | <input checked="" type="checkbox"/> Not relevant |
|-----------------------------------|--|
| <input type="checkbox"/> Relevant | <input checked="" type="checkbox"/> Not relevant |

#### 4.9.7 - Please comment as necessary on how the factors selected as relevant in 4.9 are affecting the property either negatively or positively

#### 4.10. Climate change and severe weather events

##### 4.10.1 - Storms

Previous answer Cycle 2 (09/07/2014):

- Not relevant

| ✗ Relevant   |           |             | Not relevant |           |                 |          |              |
|--------------|-----------|-------------|--------------|-----------|-----------------|----------|--------------|
|              | Impact    |             | Origin       |           | Trend of impact |          |              |
| Impact       | 🔴 Current | 🟡 Potential | 🟢 Inside     | 🟢 Outside | 📉 Decreasing    | → Stable | 📈 Increasing |
| 🟢 Positive   |           |             |              |           |                 |          |              |
| 🔴 Negative ✗ | ✗         | ✗           | ✗            | ✗         |                 |          | 📈            |

#### 4.10.2 - Flooding

Previous answer Cycle 2 (09/07/2014):

- Relevant, Negative, Current, Potential, Outside

|          |                |
|----------|----------------|
| Relevant | ✗ Not relevant |
|----------|----------------|

#### 4.10.3 - Drought

Previous answer Cycle 2 (09/07/2014):

- Not relevant

| ✗ Relevant   |           |             | Not relevant |           |                 |          |              |
|--------------|-----------|-------------|--------------|-----------|-----------------|----------|--------------|
|              | Impact    |             | Origin       |           | Trend of impact |          |              |
| Impact       | 🔴 Current | 🟡 Potential | 🟢 Inside     | 🟢 Outside | 📉 Decreasing    | → Stable | 📈 Increasing |
| 🟢 Positive   |           |             |              |           |                 |          |              |
| 🔴 Negative ✗ | ✗         | ✗           | ✗            | ✗         |                 |          | 📈            |

#### 4.10.4 - Desertification

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |                |
|----------|----------------|
| Relevant | ✗ Not relevant |
|----------|----------------|

#### 4.10.5 - Changes to oceanic waters

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |                |
|----------|----------------|
| Relevant | ✗ Not relevant |
|----------|----------------|

#### 4.10.6 - Temperature change

Previous answer Cycle 2 (09/07/2014):

- Not relevant

| ✗ Relevant   |           |             | Not relevant |           |                 |          |              |
|--------------|-----------|-------------|--------------|-----------|-----------------|----------|--------------|
|              | Impact    |             | Origin       |           | Trend of impact |          |              |
| Impact       | 🔴 Current | 🟡 Potential | 🟢 Inside     | 🟢 Outside | 📉 Decreasing    | → Stable | 📈 Increasing |
| 🟢 Positive   |           |             |              |           |                 |          |              |
| 🔴 Negative ✗ | ✗         | ✗           | ✗            | ✗         |                 |          | 📈            |

#### 4.10.7 - Other climate change impacts

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |                |
|----------|----------------|
| Relevant | ✗ Not relevant |
|----------|----------------|

#### 4.10.8 - Please comment as necessary on how the factors selected as relevant in 4.10 are affecting the property either negatively or positively

#### 4.11. Sudden ecological or geological events

##### 4.11.1 - Volcanic eruption

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |                |
|----------|----------------|
| Relevant | ✗ Not relevant |
|----------|----------------|

#### 4.11.2 - Earthquake

Previous answer Cycle 2 (09/07/2014):

- Not relevant

| <input checked="" type="checkbox"/> Relevant |         | Not relevant                        |                                     |         |                 |        |            |
|--|---------|-------------------------------------|-------------------------------------|---------|-----------------|--------|------------|
|  | Impact  |                                     | Origin                              |         | Trend of impact |        |            |
| Impact                                       | Current | Potential                           | Inside                              | Outside | Decreasing      | Stable | Increasing |
| Positive                                     |         |                                     |                                     |         |                 |        |            |
| Negative <input checked="" type="checkbox"/> |         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |         |                 |        |            |

#### 4.11.3 - Tsunami/Tidal wave

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

#### 4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

#### 4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (09/07/2014):

- Not relevant

| <input checked="" type="checkbox"/> Relevant |                                     | Not relevant                        |        |                                     |                 |        |            |
|--|-------------------------------------|-------------------------------------|--------|-------------------------------------|-----------------|--------|------------|
|  | Impact                              |                                     | Origin |                                     | Trend of impact |        |            |
| Impact                                       | Current                             | Potential                           | Inside | Outside                             | Decreasing      | Stable | Increasing |
| Positive                                     |                                     |                                     |        |                                     |                 |        |            |
| Negative <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |        | <input checked="" type="checkbox"/> |                 |        |            |

#### 4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (09/07/2014):

- Not relevant

| <input checked="" type="checkbox"/> Relevant |         | Not relevant                        |        |                                     |                 |        |            |
|--|---------|-------------------------------------|--------|-------------------------------------|-----------------|--------|------------|
|  | Impact  |                                     | Origin |                                     | Trend of impact |        |            |
| Impact                                       | Current | Potential                           | Inside | Outside                             | Decreasing      | Stable | Increasing |
| Positive                                     |         |                                     |        |                                     |                 |        |            |
| Negative <input checked="" type="checkbox"/> |         | <input checked="" type="checkbox"/> |        | <input checked="" type="checkbox"/> |                 |        |            |

#### 4.11.7 - Please comment as necessary on how the factors selected as relevant in 4.11 are affecting the property either negatively or positively

Eathquakes might hypotetically jeopardize the stability of the Cathedral and other historical buildings of the property. Erosion affects the stability of tuffaceous calcareous platform on which parts of Pienza outside the property rest.

#### 4.12. Invasive/alien species or hyper-abundant species

##### 4.12.1 - Translocated species

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

##### 4.12.2 - Invasive/Alien terrestrial species

Previous answer Cycle 2 (09/07/2014):

- Not relevant

| <input checked="" type="checkbox"/> Relevant |        | Not relevant |        |  |                 |  |  |
|--|--------|--------------|--------|--|-----------------|--|--|
|  | Impact |              | Origin |  | Trend of impact |  |  |

| Impact   | Current | Potential | Inside | Outside | Decreasing | Stable | Increasing |
|----------|---------|-----------|--------|---------|------------|--------|------------|
| Positive |         |           |        |         |            |        |            |
| Negative |         |           |        |         |            |        |            |

#### 4.12.3 - Invasive/Alien freshwater species

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |              |
|----------|--------------|
| Relevant | Not relevant |
|----------|--------------|

#### 4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |              |
|----------|--------------|
| Relevant | Not relevant |
|----------|--------------|

#### 4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |              |
|----------|--------------|
| Relevant | Not relevant |
|----------|--------------|

|          | Impact  |           | Origin |         | Trend of impact |        |            |
|----------|---------|-----------|--------|---------|-----------------|--------|------------|
| Impact   | Current | Potential | Inside | Outside | Decreasing      | Stable | Increasing |
| Positive |         |           |        |         |                 |        |            |
| Negative |         |           |        |         |                 |        |            |

#### 4.12.6 - Modified genetic material

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |              |
|----------|--------------|
| Relevant | Not relevant |
|----------|--------------|

#### 4.12.7 - Please comment as necessary on how the factors selected as relevant in 4.12 are affecting the property either negatively or positively

Wild boar, brought from outside, has long become an hyper-abundant species causing a wide range of problems to agriculture.

### 4.13. Management and institutional factors

#### 4.13.1 - Management system/Management plan

|          |              |
|----------|--------------|
| Relevant | Not relevant |
|----------|--------------|

|          | Impact  |           | Origin |         | Trend of impact |        |            |
|----------|---------|-----------|--------|---------|-----------------|--------|------------|
| Impact   | Current | Potential | Inside | Outside | Decreasing      | Stable | Increasing |
| Positive |         |           |        |         |                 |        |            |
| Negative |         |           |        |         |                 |        |            |

#### 4.13.2 - Legal framework

|          |              |
|----------|--------------|
| Relevant | Not relevant |
|----------|--------------|

|          | Impact  |           | Origin |         | Trend of impact |        |            |
|----------|---------|-----------|--------|---------|-----------------|--------|------------|
| Impact   | Current | Potential | Inside | Outside | Decreasing      | Stable | Increasing |
| Positive |         |           |        |         |                 |        |            |
| Negative |         |           |        |         |                 |        |            |

#### 4.13.3 - Governance

|          |              |
|----------|--------------|
| Relevant | Not relevant |
|----------|--------------|

|          | Impact  |           | Origin |         | Trend of impact |        |            |
|----------|---------|-----------|--------|---------|-----------------|--------|------------|
| Impact   | Current | Potential | Inside | Outside | Decreasing      | Stable | Increasing |
| Positive |         |           |        |         |                 |        |            |

|          |  |  |  |  |  |  |  |
|----------|--|--|--|--|--|--|--|
| Negative |  |  |  |  |  |  |  |
|----------|--|--|--|--|--|--|--|

#### 4.13.4 - Management activities

Previous answer Cycle 2 (09/07/2014):

- Not relevant

| <input checked="" type="checkbox"/> Relevant |                                     |                                     |                                     | Not relevant                        |                 |        |            |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------|--------|------------|
|  | Impact                              |                                     | Origin                              |                                     | Trend of impact |        |            |
| Impact                                       | Current                             | Potential                           | Inside                              | Outside                             | Decreasing      | Stable | Increasing |
| Positive <input checked="" type="checkbox"/> |                 |        |            |
| Negative                                     |                                     |                                     |                                     |                                     |                 |        |            |

#### 4.13.5 - Financial resources

| <input checked="" type="checkbox"/> Relevant |                                     |                                     |                                     | Not relevant                        |                 |        |            |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------|--------|------------|
|  | Impact                              |                                     | Origin                              |                                     | Trend of impact |        |            |
| Impact                                       | Current                             | Potential                           | Inside                              | Outside                             | Decreasing      | Stable | Increasing |
| Positive <input checked="" type="checkbox"/> |                 |        |            |
| Negative                                     |                                     |                                     |                                     |                                     |                 |        |            |

#### 4.13.6 - Human resources

| <input checked="" type="checkbox"/> Relevant |                                     |                                     |                                     | Not relevant                        |                 |        |            |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------|--------|------------|
|  | Impact                              |                                     | Origin                              |                                     | Trend of impact |        |            |
| Impact                                       | Current                             | Potential                           | Inside                              | Outside                             | Decreasing      | Stable | Increasing |
| Positive <input checked="" type="checkbox"/> |                 |        |            |
| Negative                                     |                                     |                                     |                                     |                                     |                 |        |            |

#### 4.13.7 - Low impact research/monitoring activities

Previous answer Cycle 2 (09/07/2014):

- Not relevant

| <input checked="" type="checkbox"/> Relevant |                                     |           |                                     | Not relevant |                 |        |            |
|--|-------------------------------------|-----------|-------------------------------------|--------------|-----------------|--------|------------|
|  | Impact                              |           | Origin                              |              | Trend of impact |        |            |
| Impact                                       | Current                             | Potential | Inside                              | Outside      | Decreasing      | Stable | Increasing |
| Positive <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |           | <input checked="" type="checkbox"/> |              |                 |        |            |
| Negative                                     |                                     |           |                                     |              |                 |        |            |

#### 4.13.8 - High impact research/monitoring activities

Previous answer Cycle 2 (09/07/2014):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> Not relevant |
|----------|--|

4.13.9 - Please comment as necessary on how the factors selected as relevant in 4.13 are affecting the property either negatively or positively

4.14. Other factor(s)

4.14.1 - Other factor(s)

4.15. Factors Summary Table

#### 4.15.1 - Factors Summary Table

| Name   | Impact | Origin | Trend |
|--|--------|--------|-------|
| 4.1 Buildings and Development                  |        |        |       |
| 4.1.5 Interpretative and visitation facilities |        |        |       |
|  |        |        |       |

|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
| <b>4.2 Transportation Infrastructure</b>                                   |  |  |  |  |  |  |
| 4.2.1 Ground transport infrastructure                                      |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| <b>4.5 Biological resource use/modification</b>                            |  |  |  |  |  |  |
| 4.5.3 Land conversion  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| 4.5.4 Livestock farming/Grazing of domesticated animals                    |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| 4.5.5 Crop production  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| <b>4.7 Local conditions affecting physical fabric</b>                      |  |  |  |  |  |  |
| 4.7.3 Temperature  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| 4.7.6 Water (rain/water table)   |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| 4.7.7 Pests  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| <b>4.8 Social/Cultural uses of heritage</b>                                |  |  |  |  |  |  |
| 4.8.2 Society's valuing of heritage  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| 4.8.4 Changes in traditional ways of life and knowledge system             |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| 4.8.5 Identity, social cohesion, changes in local population and community |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| 4.8.6 Impacts of tourism/Visitation/Recreation                             |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| <b>4.10 Climate change and severe weather events</b>                       |  |  |  |  |  |  |
| 4.10.1 Storms  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| 4.10.3 Drought   |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| 4.10.6 Temperature change  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| <b>4.11 Sudden ecological or geological events</b>                         |  |  |  |  |  |  |
| 4.11.2 Earthquake  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| 4.11.5 Erosion and siltation/Deposition                                    |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| 4.11.6 Fire (wildfire)   |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| <b>4.12 Invasive/alien species or hyper-abundant species</b>               |  |  |  |  |  |  |
| 4.12.2 Invasive/Alien terrestrial species                                  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

|  |         |           |          |          |        |         |  |  |  |  |
|--|---------|-----------|----------|----------|--------|---------|--|--|--|--|
| 4.12.5 Hyper-abundant species                    |         |           |          |          |        |         |  |  |  |  |
|  |         |           |          |          |        |         |  |  |  |  |
| <b>4.13 Management and institutional factors</b> |         |           |          |          |        |         |  |  |  |  |
| 4.13.1 Management system/Management plan         |         |           |          |          |        |         |  |  |  |  |
|  |         |           |          |          |        |         |  |  |  |  |
| 4.13.2 Legal framework                           |         |           |          |          |        |         |  |  |  |  |
|  |         |           |          |          |        |         |  |  |  |  |
| 4.13.3 Governance                                |         |           |          |          |        |         |  |  |  |  |
|  |         |           |          |          |        |         |  |  |  |  |
| 4.13.4 Management activities                     |         |           |          |          |        |         |  |  |  |  |
|  |         |           |          |          |        |         |  |  |  |  |
| 4.13.5 Financial resources                       |         |           |          |          |        |         |  |  |  |  |
|  |         |           |          |          |        |         |  |  |  |  |
| 4.13.6 Human resources                           |         |           |          |          |        |         |  |  |  |  |
|  |         |           |          |          |        |         |  |  |  |  |
| 4.13.7 Low impact research/monitoring activities |         |           |          |          |        |         |  |  |  |  |
|  |         |           |          |          |        |         |  |  |  |  |
| <b>Legend</b>                                    | Current | Potential | Negative | Positive | Inside | Outside |  |  |  |  |

#### 4.16. Assessment of current and potential positive and negative factors

##### 4.16.1 - Assessment of current and potential negative and positive factors

#### 4.1 Buildings and Development

| Name   | Impact | Origin | Trend |
|--|--------|--------|-------|
| 4.1.5 Interpretative and visitation facilities |        |        |       |
|  |        |        |       |
|  |        |        |       |

#### Spatial scale - Area affected by the factor

|                                     |            |
|-------------------------------------|------------|
| <input type="checkbox"/>            | Restricted |
| <input checked="" type="checkbox"/> | Localised  |
| <input type="checkbox"/>            | Extensive  |
| <input type="checkbox"/>            | Widespread |

#### Temporal scale - Occurrence of the impact

|                                     |                          |
|-------------------------------------|--------------------------|
| <input type="checkbox"/>            | One off or rare          |
| <input checked="" type="checkbox"/> | Intermittent or sporadic |
| <input type="checkbox"/>            | Frequent                 |
| <input type="checkbox"/>            | On-going                 |

#### Impact - Impact on the attributes

|                                     |               |
|-------------------------------------|---------------|
| <input checked="" type="checkbox"/> | Insignificant |
| <input type="checkbox"/>            | Minor         |
| <input type="checkbox"/>            | Significant   |
| <input type="checkbox"/>            | Major         |

#### Management response - Capacity of management to respond

|                          |               |
|--------------------------|---------------|
| <input type="checkbox"/> | High capacity |
|--------------------------|---------------|

|  |                                |
|--|--------------------------------|
| <input checked="" type="checkbox"/>              | Medium capacity                |
| <input type="checkbox"/>                         | Low capacity                   |
| <input type="checkbox"/>                         | No capacity and / or resources |
| <b>Trend - Development over the last 6 years</b> |                                |
| <input type="checkbox"/>                         | Decreasing                     |
| <input checked="" type="checkbox"/>              | Static                         |
| <input type="checkbox"/>                         | Increasing                     |

## 4.2 Transportation Infrastructure

| Name                                  | Impact                              | Origin                   | Trend                               |
|---------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 4.2.1 Ground transport infrastructure | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |
|                                       | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

| Spatial scale - Area affected by the factor |            |
|---|------------|
| <input type="checkbox"/>                    | Restricted |
| <input checked="" type="checkbox"/>         | Localised  |
| <input type="checkbox"/>                    | Extensive  |
| <input type="checkbox"/>                    | Widespread |

| Temporal scale - Occurrence of the impact |                          |
|---|--------------------------|
| <input type="checkbox"/>                  | One off or rare          |
| <input type="checkbox"/>                  | Intermittent or sporadic |
| <input checked="" type="checkbox"/>       | Frequent                 |
| <input type="checkbox"/>                  | On-going                 |

| Impact - Impact on the attributes   |               |
|-------------------------------------|---------------|
| <input type="checkbox"/>            | Insignificant |
| <input type="checkbox"/>            | Minor         |
| <input checked="" type="checkbox"/> | Significant   |
| <input type="checkbox"/>            | Major         |

| Management response - Capacity of management to respond |                                |
|---|--------------------------------|
| <input type="checkbox"/>                                | High capacity                  |
| <input checked="" type="checkbox"/>                     | Medium capacity                |
| <input type="checkbox"/>                                | Low capacity                   |
| <input type="checkbox"/>                                | No capacity and / or resources |

| Trend - Development over the last 6 years |            |
|---|------------|
| <input type="checkbox"/>                  | Decreasing |
| <input type="checkbox"/>                  | Static     |
| <input checked="" type="checkbox"/>       | Increasing |

## 4.5 Biological resource use/modification

| Name                  | Impact                              | Origin                   | Trend                               |
|-----------------------|-------------------------------------|--------------------------|-------------------------------------|
| 4.5.3 Land conversion | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|                       | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |

| Spatial scale - Area affected by the factor             |                                |
|---|--------------------------------|
| <input type="checkbox"/>                                | Restricted                     |
| <input type="checkbox"/>                                | Localised                      |
| <input checked="" type="checkbox"/>                     | Extensive                      |
| <input type="checkbox"/>                                | Widespread                     |
| Temporal scale - Occurrence of the impact               |                                |
| <input type="checkbox"/>                                | One off or rare                |
| <input type="checkbox"/>                                | Intermittent or sporadic       |
| <input type="checkbox"/>                                | Frequent                       |
| <input checked="" type="checkbox"/>                     | On-going                       |
| Impact - Impact on the attributes                       |                                |
| <input type="checkbox"/>                                | Insignificant                  |
| <input type="checkbox"/>                                | Minor                          |
| <input checked="" type="checkbox"/>                     | Significant                    |
| <input type="checkbox"/>                                | Major                          |
| Management response - Capacity of management to respond |                                |
| <input type="checkbox"/>                                | High capacity                  |
| <input checked="" type="checkbox"/>                     | Medium capacity                |
| <input type="checkbox"/>                                | Low capacity                   |
| <input type="checkbox"/>                                | No capacity and / or resources |
| Trend - Development over the last 6 years               |                                |
| <input type="checkbox"/>                                | Decreasing                     |
| <input checked="" type="checkbox"/>                     | Static                         |
| <input type="checkbox"/>                                | Increasing                     |

| Name  | Impact |  |  | Origin |  | Trend |
|---|--------|--|--|--------|--|-------|
| 4.5.4 Livestock farming/Grazing of domesticated animals |        |  |  |        |  |       |
|   |        |  |  |        |  |       |

| Spatial scale - Area affected by the factor |                          |
|---|--------------------------|
| <input type="checkbox"/>                    | Restricted               |
| <input checked="" type="checkbox"/>         | Localised                |
| <input type="checkbox"/>                    | Extensive                |
| <input type="checkbox"/>                    | Widespread               |
| Temporal scale - Occurrence of the impact   |                          |
| <input type="checkbox"/>                    | One off or rare          |
| <input type="checkbox"/>                    | Intermittent or sporadic |
| <input checked="" type="checkbox"/>         | Frequent                 |
| <input type="checkbox"/>                    | On-going                 |
| Impact - Impact on the attributes           |                          |
| <input type="checkbox"/>                    | Insignificant            |
| <input checked="" type="checkbox"/>         | Minor                    |
| <input type="checkbox"/>                    | Significant              |

|  |                                |
|--|--------------------------------|
|  | Major                          |
| <b>Management response - Capacity of management to respond</b> |                                |
|  | High capacity                  |
|  | Medium capacity                |
| ✘  | Low capacity                   |
|  | No capacity and / or resources |
| <b>Trend - Development over the last 6 years</b>               |                                |
|  | Decreasing                     |
| ✘  | Static                         |
|  | Increasing                     |

| Name                  | Impact  | Origin  | Trend   |
|-----------------------|---|---|---|
| 4.5.5 Crop production |   |  |  |
|                       |   |   |   |

|  |            |
|--|------------|
| <b>Spatial scale - Area affected by the factor</b> |            |
|  | Restricted |
|  | Localised  |
| ✘  | Extensive  |
|  | Widespread |

|  |                          |
|--|--------------------------|
| <b>Temporal scale - Occurrence of the impact</b> |                          |
|  | One off or rare          |
|  | Intermittent or sporadic |
| ✘  | Frequent                 |
|  | On-going                 |

|  |               |
|--|---------------|
| <b>Impact - Impact on the attributes</b> |               |
|  | Insignificant |
|  | Minor         |
| ✘  | Significant   |
|  | Major         |

|  |                                |
|--|--------------------------------|
| <b>Management response - Capacity of management to respond</b> |                                |
|  | High capacity                  |
|  | Medium capacity                |
| ✘  | Low capacity                   |
|  | No capacity and / or resources |
| <b>Trend - Development over the last 6 years</b>               |                                |
| ✘  | Decreasing                     |
|  | Static                         |
|  | Increasing                     |

#### 4.7 Local conditions affecting physical fabric

| Name              | Impact | Origin | Trend |
|-------------------|--------|--------|-------|
| 4.7.3 Temperature |        |        |       |

**Spatial scale - Area affected by the factor**

|                                     |            |
|-------------------------------------|------------|
| <input type="checkbox"/>            | Restricted |
| <input type="checkbox"/>            | Localised  |
| <input type="checkbox"/>            | Extensive  |
| <input checked="" type="checkbox"/> | Widespread |

**Temporal scale - Occurrence of the impact**

|                                     |                          |
|-------------------------------------|--------------------------|
| <input type="checkbox"/>            | One off or rare          |
| <input type="checkbox"/>            | Intermittent or sporadic |
| <input checked="" type="checkbox"/> | Frequent                 |
| <input type="checkbox"/>            | On-going                 |

**Impact - Impact on the attributes**

|                                     |               |
|-------------------------------------|---------------|
| <input type="checkbox"/>            | Insignificant |
| <input type="checkbox"/>            | Minor         |
| <input checked="" type="checkbox"/> | Significant   |
| <input type="checkbox"/>            | Major         |

**Management response - Capacity of management to respond**

|                                     |                                |
|-------------------------------------|--------------------------------|
| <input type="checkbox"/>            | High capacity                  |
| <input type="checkbox"/>            | Medium capacity                |
| <input type="checkbox"/>            | Low capacity                   |
| <input checked="" type="checkbox"/> | No capacity and / or resources |

**Trend - Development over the last 6 years**

|                                     |            |
|-------------------------------------|------------|
| <input type="checkbox"/>            | Decreasing |
| <input type="checkbox"/>            | Static     |
| <input checked="" type="checkbox"/> | Increasing |

| Name                           | Impact                   | Origin                   | Trend                    |
|--------------------------------|--------------------------|--------------------------|--------------------------|
| 4.7.6 Water (rain/water table) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|                                |                          |                          |                          |
|                                |                          |                          |                          |

**Spatial scale - Area affected by the factor**

|                                     |            |
|-------------------------------------|------------|
| <input type="checkbox"/>            | Restricted |
| <input checked="" type="checkbox"/> | Localised  |
| <input type="checkbox"/>            | Extensive  |
| <input type="checkbox"/>            | Widespread |

**Temporal scale - Occurrence of the impact**

|                                     |                          |
|-------------------------------------|--------------------------|
| <input type="checkbox"/>            | One off or rare          |
| <input checked="" type="checkbox"/> | Intermittent or sporadic |
| <input type="checkbox"/>            | Frequent                 |
| <input type="checkbox"/>            | On-going                 |

**Impact - Impact on the attributes**

|                                     |               |
|-------------------------------------|---------------|
| <input type="checkbox"/>            | Insignificant |
| <input checked="" type="checkbox"/> | Minor         |

|  |                                |
|--|--------------------------------|
|  | Significant                    |
|  | Major                          |
| <b>Management response - Capacity of management to respond</b> |                                |
|  | High capacity                  |
|  | Medium capacity                |
|  | Low capacity                   |
| ✘  | No capacity and / or resources |
| <b>Trend - Development over the last 6 years</b>               |                                |
|  | Decreasing                     |
| ✘  | Static                         |
|  | Increasing                     |

| Name        | Impact  | Origin  | Trend   |
|-------------|---|---|---|
| 4.7.7 Pests |   |   |   |
|             |   |   |  |

|  |            |
|--|------------|
| <b>Spatial scale - Area affected by the factor</b> |            |
|  | Restricted |
| ✘  | Localised  |
|  | Extensive  |
|  | Widespread |

|  |                          |
|--|--------------------------|
| <b>Temporal scale - Occurrence of the impact</b> |                          |
|  | One off or rare          |
|  | Intermittent or sporadic |
| ✘  | Frequent                 |
|  | On-going                 |

|  |               |
|--|---------------|
| <b>Impact - Impact on the attributes</b> |               |
|  | Insignificant |
| ✘  | Minor         |
|  | Significant   |
|  | Major         |

|  |                                |
|--|--------------------------------|
| <b>Management response - Capacity of management to respond</b> |                                |
|  | High capacity                  |
|  | Medium capacity                |
| ✘  | Low capacity                   |
|  | No capacity and / or resources |

|  |            |
|--|------------|
| <b>Trend - Development over the last 6 years</b> |            |
|  | Decreasing |
| ✘  | Static     |
|  | Increasing |

#### 4.8 Social/Cultural uses of heritage

| Name | Impact | Origin | Trend |
|------|--------|--------|-------|
|------|--------|--------|-------|

#### 4.8.2 Society's valuing of heritage

|  |  |  |  |  |  |
|--|--|--|--|--|--|
|  |  |  |  |  |  |
|  |  |  |  |  |  |

##### Spatial scale - Area affected by the factor

|                                     |            |
|-------------------------------------|------------|
|                                     | Restricted |
|                                     | Localised  |
|                                     | Extensive  |
| <input checked="" type="checkbox"/> | Widespread |

##### Temporal scale - Occurrence of the impact

|                                     |                          |
|-------------------------------------|--------------------------|
|                                     | One off or rare          |
|                                     | Intermittent or sporadic |
|                                     | Frequent                 |
| <input checked="" type="checkbox"/> | On-going                 |

##### Impact - Impact on the attributes

|                                     |               |
|-------------------------------------|---------------|
|                                     | Insignificant |
|                                     | Minor         |
|                                     | Significant   |
| <input checked="" type="checkbox"/> | Major         |

##### Management response - Capacity of management to respond

|                                     |                                |
|-------------------------------------|--------------------------------|
| <input checked="" type="checkbox"/> | High capacity                  |
|                                     | Medium capacity                |
|                                     | Low capacity                   |
|                                     | No capacity and / or resources |

##### Trend - Development over the last 6 years

|                                     |            |
|-------------------------------------|------------|
|                                     | Decreasing |
|                                     | Static     |
| <input checked="" type="checkbox"/> | Increasing |

| Name   | Impact | Origin | Trend |
|--|--------|--------|-------|
| 4.8.4 Changes in traditional ways of life and knowledge system |        |        |       |
|  |        |        |       |

##### Spatial scale - Area affected by the factor

|                                     |            |
|-------------------------------------|------------|
|                                     | Restricted |
|                                     | Localised  |
|                                     | Extensive  |
| <input checked="" type="checkbox"/> | Widespread |

##### Temporal scale - Occurrence of the impact

|                                     |                          |
|-------------------------------------|--------------------------|
|                                     | One off or rare          |
|                                     | Intermittent or sporadic |
|                                     | Frequent                 |
| <input checked="" type="checkbox"/> | On-going                 |

##### Impact - Impact on the attributes

|  |               |
|--|---------------|
|  | Insignificant |
|--|---------------|

|  |                                |
|--|--------------------------------|
|  | Minor                          |
|  | Significant                    |
| X  | Major                          |
| <b>Management response - Capacity of management to respond</b> |                                |
| X  | High capacity                  |
|  | Medium capacity                |
|  | Low capacity                   |
|  | No capacity and / or resources |
| <b>Trend - Development over the last 6 years</b>               |                                |
|  | Decreasing                     |
|  | Static                         |
| X  | Increasing                     |

| Name   | Impact  | Origin  | Trend   |
|--|---|---|---|
| 4.8.5 Identity, social cohesion, changes in local population and community |   |  |  |
|  |   |  |  |

|  |            |
|--|------------|
| <b>Spatial scale - Area affected by the factor</b> |            |
|  | Restricted |
|  | Localised  |
|  | Extensive  |
| X  | Widespread |

|  |                          |
|--|--------------------------|
| <b>Temporal scale - Occurrence of the impact</b> |                          |
|  | One off or rare          |
|  | Intermittent or sporadic |
|  | Frequent                 |
| X  | On-going                 |

|  |               |
|--|---------------|
| <b>Impact - Impact on the attributes</b> |               |
|  | Insignificant |
|  | Minor         |
|  | Significant   |
| X  | Major         |

|  |                                |
|--|--------------------------------|
| <b>Management response - Capacity of management to respond</b> |                                |
| X  | High capacity                  |
|  | Medium capacity                |
|  | Low capacity                   |
|  | No capacity and / or resources |
| <b>Trend - Development over the last 6 years</b>               |                                |
|  | Decreasing                     |
|  | Static                         |
| X  | Increasing                     |

| Name   | Impact  | Origin  | Trend   |
|--|---|---|---|
| 4.8.6 Impacts of tourism/Visitation/Recreation |   |   |  |

| Spatial scale - Area affected by the factor             |                                |
|---|--------------------------------|
| <input type="checkbox"/>                                | Restricted                     |
| <input checked="" type="checkbox"/>                     | Localised                      |
| <input type="checkbox"/>                                | Extensive                      |
| <input type="checkbox"/>                                | Widespread                     |
| Temporal scale - Occurrence of the impact               |                                |
| <input type="checkbox"/>                                | One off or rare                |
| <input type="checkbox"/>                                | Intermittent or sporadic       |
| <input checked="" type="checkbox"/>                     | Frequent                       |
| <input type="checkbox"/>                                | On-going                       |
| Impact - Impact on the attributes                       |                                |
| <input type="checkbox"/>                                | Insignificant                  |
| <input type="checkbox"/>                                | Minor                          |
| <input checked="" type="checkbox"/>                     | Significant                    |
| <input type="checkbox"/>                                | Major                          |
| Management response - Capacity of management to respond |                                |
| <input type="checkbox"/>                                | High capacity                  |
| <input checked="" type="checkbox"/>                     | Medium capacity                |
| <input type="checkbox"/>                                | Low capacity                   |
| <input type="checkbox"/>                                | No capacity and / or resources |
| Trend - Development over the last 6 years               |                                |
| <input type="checkbox"/>                                | Decreasing                     |
| <input type="checkbox"/>                                | Static                         |
| <input checked="" type="checkbox"/>                     | Increasing                     |

#### 4.10 Climate change and severe weather events

| Name   | Impact                   | Origin                   | Trend                    |   |  |                                     |            |                          |           |                          |           |                          |            |   |  |                                     |                 |                          |                          |                          |          |                          |          |                                   |  |
|--|--------------------------|--------------------------|--------------------------|---|--|-------------------------------------|------------|--------------------------|-----------|--------------------------|-----------|--------------------------|------------|---|--|-------------------------------------|-----------------|--------------------------|--------------------------|--------------------------|----------|--------------------------|----------|-----------------------------------|--|
| 4.10.1 Storms  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |   |  |                                     |            |                          |           |                          |           |                          |            |   |  |                                     |                 |                          |                          |                          |          |                          |          |                                   |  |
| <table border="1"> <thead> <tr> <th colspan="2">Spatial scale - Area affected by the factor</th> </tr> </thead> <tbody> <tr><td><input checked="" type="checkbox"/></td><td>Restricted</td></tr> <tr><td><input type="checkbox"/></td><td>Localised</td></tr> <tr><td><input type="checkbox"/></td><td>Extensive</td></tr> <tr><td><input type="checkbox"/></td><td>Widespread</td></tr> <tr> <th colspan="2">Temporal scale - Occurrence of the impact</th> </tr> <tr><td><input checked="" type="checkbox"/></td><td>One off or rare</td></tr> <tr><td><input type="checkbox"/></td><td>Intermittent or sporadic</td></tr> <tr><td><input type="checkbox"/></td><td>Frequent</td></tr> <tr><td><input type="checkbox"/></td><td>On-going</td></tr> <tr> <th colspan="2">Impact - Impact on the attributes</th> </tr> </tbody> </table> |                          |                          |                          | Spatial scale - Area affected by the factor |  | <input checked="" type="checkbox"/> | Restricted | <input type="checkbox"/> | Localised | <input type="checkbox"/> | Extensive | <input type="checkbox"/> | Widespread | Temporal scale - Occurrence of the impact |  | <input checked="" type="checkbox"/> | One off or rare | <input type="checkbox"/> | Intermittent or sporadic | <input type="checkbox"/> | Frequent | <input type="checkbox"/> | On-going | Impact - Impact on the attributes |  |
| Spatial scale - Area affected by the factor  |                          |                          |                          |   |  |                                     |            |                          |           |                          |           |                          |            |   |  |                                     |                 |                          |                          |                          |          |                          |          |                                   |  |
| <input checked="" type="checkbox"/>  | Restricted               |                          |                          |   |  |                                     |            |                          |           |                          |           |                          |            |   |  |                                     |                 |                          |                          |                          |          |                          |          |                                   |  |
| <input type="checkbox"/>   | Localised                |                          |                          |   |  |                                     |            |                          |           |                          |           |                          |            |   |  |                                     |                 |                          |                          |                          |          |                          |          |                                   |  |
| <input type="checkbox"/>   | Extensive                |                          |                          |   |  |                                     |            |                          |           |                          |           |                          |            |   |  |                                     |                 |                          |                          |                          |          |                          |          |                                   |  |
| <input type="checkbox"/>   | Widespread               |                          |                          |   |  |                                     |            |                          |           |                          |           |                          |            |   |  |                                     |                 |                          |                          |                          |          |                          |          |                                   |  |
| Temporal scale - Occurrence of the impact  |                          |                          |                          |   |  |                                     |            |                          |           |                          |           |                          |            |   |  |                                     |                 |                          |                          |                          |          |                          |          |                                   |  |
| <input checked="" type="checkbox"/>  | One off or rare          |                          |                          |   |  |                                     |            |                          |           |                          |           |                          |            |   |  |                                     |                 |                          |                          |                          |          |                          |          |                                   |  |
| <input type="checkbox"/>   | Intermittent or sporadic |                          |                          |   |  |                                     |            |                          |           |                          |           |                          |            |   |  |                                     |                 |                          |                          |                          |          |                          |          |                                   |  |
| <input type="checkbox"/>   | Frequent                 |                          |                          |   |  |                                     |            |                          |           |                          |           |                          |            |   |  |                                     |                 |                          |                          |                          |          |                          |          |                                   |  |
| <input type="checkbox"/>   | On-going                 |                          |                          |   |  |                                     |            |                          |           |                          |           |                          |            |   |  |                                     |                 |                          |                          |                          |          |                          |          |                                   |  |
| Impact - Impact on the attributes  |                          |                          |                          |   |  |                                     |            |                          |           |                          |           |                          |            |   |  |                                     |                 |                          |                          |                          |          |                          |          |                                   |  |

|                                     |               |
|-------------------------------------|---------------|
| <input checked="" type="checkbox"/> | Insignificant |
| <input type="checkbox"/>            | Minor         |
| <input type="checkbox"/>            | Significant   |
| <input type="checkbox"/>            | Major         |

**Management response - Capacity of management to respond**

|                                     |                                |
|-------------------------------------|--------------------------------|
| <input type="checkbox"/>            | High capacity                  |
| <input type="checkbox"/>            | Medium capacity                |
| <input type="checkbox"/>            | Low capacity                   |
| <input checked="" type="checkbox"/> | No capacity and / or resources |

**Trend - Development over the last 6 years**

|                                     |            |
|-------------------------------------|------------|
| <input type="checkbox"/>            | Decreasing |
| <input checked="" type="checkbox"/> | Static     |
| <input type="checkbox"/>            | Increasing |

| Name           | Impact                   | Origin                   | Trend                    |
|----------------|--------------------------|--------------------------|--------------------------|
| 4.10.3 Drought | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|                |                          |                          |                          |
|                |                          |                          |                          |

**Spatial scale - Area affected by the factor**

|                                     |            |
|-------------------------------------|------------|
| <input type="checkbox"/>            | Restricted |
| <input type="checkbox"/>            | Localised  |
| <input type="checkbox"/>            | Extensive  |
| <input checked="" type="checkbox"/> | Widespread |

**Temporal scale - Occurrence of the impact**

|                                     |                          |
|-------------------------------------|--------------------------|
| <input type="checkbox"/>            | One off or rare          |
| <input type="checkbox"/>            | Intermittent or sporadic |
| <input type="checkbox"/>            | Frequent                 |
| <input checked="" type="checkbox"/> | On-going                 |

**Impact - Impact on the attributes**

|                                     |               |
|-------------------------------------|---------------|
| <input type="checkbox"/>            | Insignificant |
| <input type="checkbox"/>            | Minor         |
| <input checked="" type="checkbox"/> | Significant   |
| <input type="checkbox"/>            | Major         |

**Management response - Capacity of management to respond**

|                                     |                                |
|-------------------------------------|--------------------------------|
| <input type="checkbox"/>            | High capacity                  |
| <input type="checkbox"/>            | Medium capacity                |
| <input type="checkbox"/>            | Low capacity                   |
| <input checked="" type="checkbox"/> | No capacity and / or resources |

**Trend - Development over the last 6 years**

|                                     |            |
|-------------------------------------|------------|
| <input type="checkbox"/>            | Decreasing |
| <input type="checkbox"/>            | Static     |
| <input checked="" type="checkbox"/> | Increasing |

| Name | Impact | Origin | Trend |
|------|--------|--------|-------|
|------|--------|--------|-------|

#### 4.10.6 Temperature change



##### Spatial scale - Area affected by the factor

|                                     |            |
|-------------------------------------|------------|
| <input type="checkbox"/>            | Restricted |
| <input type="checkbox"/>            | Localised  |
| <input type="checkbox"/>            | Extensive  |
| <input checked="" type="checkbox"/> | Widespread |

##### Temporal scale - Occurrence of the impact

|                                     |                          |
|-------------------------------------|--------------------------|
| <input type="checkbox"/>            | One off or rare          |
| <input type="checkbox"/>            | Intermittent or sporadic |
| <input type="checkbox"/>            | Frequent                 |
| <input checked="" type="checkbox"/> | On-going                 |

##### Impact - Impact on the attributes

|                                     |               |
|-------------------------------------|---------------|
| <input type="checkbox"/>            | Insignificant |
| <input type="checkbox"/>            | Minor         |
| <input checked="" type="checkbox"/> | Significant   |
| <input type="checkbox"/>            | Major         |

##### Management response - Capacity of management to respond

|                                     |                                |
|-------------------------------------|--------------------------------|
| <input type="checkbox"/>            | High capacity                  |
| <input type="checkbox"/>            | Medium capacity                |
| <input type="checkbox"/>            | Low capacity                   |
| <input checked="" type="checkbox"/> | No capacity and / or resources |

##### Trend - Development over the last 6 years

|                                     |            |
|-------------------------------------|------------|
| <input type="checkbox"/>            | Decreasing |
| <input type="checkbox"/>            | Static     |
| <input checked="" type="checkbox"/> | Increasing |

#### 4.11 Sudden ecological or geological events

| Name              | Impact                   | Origin                   | Trend                    |
|-------------------|--------------------------|--------------------------|--------------------------|
| 4.11.2 Earthquake | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|                   |                          |                          |                          |
|                   |                          |                          |                          |

##### Spatial scale - Area affected by the factor

|                                     |            |
|-------------------------------------|------------|
| <input checked="" type="checkbox"/> | Restricted |
| <input type="checkbox"/>            | Localised  |
| <input type="checkbox"/>            | Extensive  |
| <input type="checkbox"/>            | Widespread |

##### Temporal scale - Occurrence of the impact

|                                     |                          |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | One off or rare          |
| <input type="checkbox"/>            | Intermittent or sporadic |
| <input type="checkbox"/>            | Frequent                 |
| <input type="checkbox"/>            | On-going                 |

| Impact - Impact on the attributes                       |                                |
|---|--------------------------------|
| <input checked="" type="checkbox"/>                     | Insignificant                  |
| <input type="checkbox"/>                                | Minor                          |
| <input type="checkbox"/>                                | Significant                    |
| <input type="checkbox"/>                                | Major                          |
| Management response - Capacity of management to respond |                                |
| <input type="checkbox"/>                                | High capacity                  |
| <input checked="" type="checkbox"/>                     | Medium capacity                |
| <input type="checkbox"/>                                | Low capacity                   |
| <input type="checkbox"/>                                | No capacity and / or resources |
| Trend - Development over the last 6 years               |                                |
| <input type="checkbox"/>                                | Decreasing                     |
| <input checked="" type="checkbox"/>                     | Static                         |
| <input type="checkbox"/>                                | Increasing                     |

| Name                                    | Impact  | Origin  | Trend   |
|---|---|---|---|
| 4.11.5 Erosion and siltation/Deposition |   |   |   |
|   |  |  |  |
|   |   |  |  |

| Spatial scale - Area affected by the factor |            |
|---|------------|
| <input checked="" type="checkbox"/>         | Restricted |
| <input type="checkbox"/>                    | Localised  |
| <input type="checkbox"/>                    | Extensive  |
| <input type="checkbox"/>                    | Widespread |

| Temporal scale - Occurrence of the impact |                          |
|---|--------------------------|
| <input type="checkbox"/>                  | One off or rare          |
| <input type="checkbox"/>                  | Intermittent or sporadic |
| <input type="checkbox"/>                  | Frequent                 |
| <input checked="" type="checkbox"/>       | On-going                 |

| Impact - Impact on the attributes   |               |
|-------------------------------------|---------------|
| <input type="checkbox"/>            | Insignificant |
| <input checked="" type="checkbox"/> | Minor         |
| <input type="checkbox"/>            | Significant   |
| <input type="checkbox"/>            | Major         |

| Management response - Capacity of management to respond |                                |
|---|--------------------------------|
| <input type="checkbox"/>                                | High capacity                  |
| <input checked="" type="checkbox"/>                     | Medium capacity                |
| <input type="checkbox"/>                                | Low capacity                   |
| <input type="checkbox"/>                                | No capacity and / or resources |

| Trend - Development over the last 6 years |            |
|---|------------|
| <input type="checkbox"/>                  | Decreasing |
| <input checked="" type="checkbox"/>       | Static     |
| <input type="checkbox"/>                  | Increasing |

| Name                   | Impact | Origin | Trend |
|------------------------|--------|--------|-------|
| 4.11.6 Fire (wildfire) |        |        |       |
|                        |        |        |       |

**Spatial scale - Area affected by the factor**

|                                     |            |
|-------------------------------------|------------|
| <input checked="" type="checkbox"/> | Restricted |
| <input type="checkbox"/>            | Localised  |
| <input type="checkbox"/>            | Extensive  |
| <input type="checkbox"/>            | Widespread |

**Temporal scale - Occurrence of the impact**

|                                     |                          |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | One off or rare          |
| <input type="checkbox"/>            | Intermittent or sporadic |
| <input type="checkbox"/>            | Frequent                 |
| <input type="checkbox"/>            | On-going                 |

**Impact - Impact on the attributes**

|                                     |               |
|-------------------------------------|---------------|
| <input checked="" type="checkbox"/> | Insignificant |
| <input type="checkbox"/>            | Minor         |
| <input type="checkbox"/>            | Significant   |
| <input type="checkbox"/>            | Major         |

**Management response - Capacity of management to respond**

|                                     |                                |
|-------------------------------------|--------------------------------|
| <input checked="" type="checkbox"/> | High capacity                  |
| <input type="checkbox"/>            | Medium capacity                |
| <input type="checkbox"/>            | Low capacity                   |
| <input type="checkbox"/>            | No capacity and / or resources |

**Trend - Development over the last 6 years**

|                                     |            |
|-------------------------------------|------------|
| <input type="checkbox"/>            | Decreasing |
| <input checked="" type="checkbox"/> | Static     |
| <input type="checkbox"/>            | Increasing |

## 4.12 Invasive/alien species or hyper-abundant species

| Name                                      | Impact | Origin | Trend |
|---|--------|--------|-------|
| 4.12.2 Invasive/Alien terrestrial species |        |        |       |
|   |        |        |       |

**Spatial scale - Area affected by the factor**

|                                     |            |
|-------------------------------------|------------|
| <input checked="" type="checkbox"/> | Restricted |
| <input type="checkbox"/>            | Localised  |
| <input type="checkbox"/>            | Extensive  |
| <input type="checkbox"/>            | Widespread |

**Temporal scale - Occurrence of the impact**

|                                     |                          |
|-------------------------------------|--------------------------|
| <input type="checkbox"/>            | One off or rare          |
| <input checked="" type="checkbox"/> | Intermittent or sporadic |

|  |                                |
|--|--------------------------------|
|  | Frequent                       |
|  | On-going                       |
| <b>Impact - Impact on the attributes</b>                       |                                |
| <input checked="" type="checkbox"/>                            | Insignificant                  |
|  | Minor                          |
|  | Significant                    |
|  | Major                          |
| <b>Management response - Capacity of management to respond</b> |                                |
|  | High capacity                  |
| <input checked="" type="checkbox"/>                            | Medium capacity                |
|  | Low capacity                   |
|  | No capacity and / or resources |
| <b>Trend - Development over the last 6 years</b>               |                                |
|  | Decreasing                     |
| <input checked="" type="checkbox"/>                            | Static                         |
|  | Increasing                     |

| Name                          | Impact   | Origin   | Trend   |
|-------------------------------|--|--|---|
| 4.12.5 Hyper-abundant species |  |  |   |
|                               |  |  |   |

|  |                                |
|--|--------------------------------|
| <b>Spatial scale - Area affected by the factor</b>             |                                |
| <input checked="" type="checkbox"/>                            | Restricted                     |
|  | Localised                      |
|  | Extensive                      |
|  | Widespread                     |
| <b>Temporal scale - Occurrence of the impact</b>               |                                |
| <input checked="" type="checkbox"/>                            | One off or rare                |
|  | Intermittent or sporadic       |
|  | Frequent                       |
|  | On-going                       |
| <b>Impact - Impact on the attributes</b>                       |                                |
| <input checked="" type="checkbox"/>                            | Insignificant                  |
|  | Minor                          |
|  | Significant                    |
|  | Major                          |
| <b>Management response - Capacity of management to respond</b> |                                |
|  | High capacity                  |
| <input checked="" type="checkbox"/>                            | Medium capacity                |
|  | Low capacity                   |
|  | No capacity and / or resources |
| <b>Trend - Development over the last 6 years</b>               |                                |
|  | Decreasing                     |

|                                     |            |
|-------------------------------------|------------|
| <input checked="" type="checkbox"/> | Static     |
| <input type="checkbox"/>            | Increasing |

### 4.13 Management and institutional factors

| Name                                     | Impact  | Origin  | Trend   |
|--|---|---|---|
| 4.13.1 Management system/Management plan |    |  |  |
|  |   |   |   |

#### Spatial scale - Area affected by the factor

|                                     |            |
|-------------------------------------|------------|
| <input type="checkbox"/>            | Restricted |
| <input type="checkbox"/>            | Localised  |
| <input type="checkbox"/>            | Extensive  |
| <input checked="" type="checkbox"/> | Widespread |

#### Temporal scale - Occurrence of the impact

|                                     |                          |
|-------------------------------------|--------------------------|
| <input type="checkbox"/>            | One off or rare          |
| <input type="checkbox"/>            | Intermittent or sporadic |
| <input type="checkbox"/>            | Frequent                 |
| <input checked="" type="checkbox"/> | On-going                 |

#### Impact - Impact on the attributes

|                                     |               |
|-------------------------------------|---------------|
| <input type="checkbox"/>            | Insignificant |
| <input type="checkbox"/>            | Minor         |
| <input checked="" type="checkbox"/> | Significant   |
| <input type="checkbox"/>            | Major         |

#### Management response - Capacity of management to respond

|                                     |                                |
|-------------------------------------|--------------------------------|
| <input checked="" type="checkbox"/> | High capacity                  |
| <input type="checkbox"/>            | Medium capacity                |
| <input type="checkbox"/>            | Low capacity                   |
| <input type="checkbox"/>            | No capacity and / or resources |

#### Trend - Development over the last 6 years

|                                     |            |
|-------------------------------------|------------|
| <input type="checkbox"/>            | Decreasing |
| <input checked="" type="checkbox"/> | Static     |
| <input type="checkbox"/>            | Increasing |

| Name                   | Impact  | Origin  | Trend   |
|------------------------|---|---|---|
| 4.13.2 Legal framework |    |   |  |
|                        |   |   |   |

#### Spatial scale - Area affected by the factor

|                                     |            |
|-------------------------------------|------------|
| <input type="checkbox"/>            | Restricted |
| <input type="checkbox"/>            | Localised  |
| <input type="checkbox"/>            | Extensive  |
| <input checked="" type="checkbox"/> | Widespread |

#### Temporal scale - Occurrence of the impact

|                          |                 |
|--------------------------|-----------------|
| <input type="checkbox"/> | One off or rare |
|--------------------------|-----------------|

|  |                                |
|--|--------------------------------|
| <input type="checkbox"/>                                       | Intermittent or sporadic       |
| <input type="checkbox"/>                                       | Frequent                       |
| <input checked="" type="checkbox"/>                            | On-going                       |
| <b>Impact - Impact on the attributes</b>                       |                                |
| <input type="checkbox"/>                                       | Insignificant                  |
| <input type="checkbox"/>                                       | Minor                          |
| <input type="checkbox"/>                                       | Significant                    |
| <input checked="" type="checkbox"/>                            | Major                          |
| <b>Management response - Capacity of management to respond</b> |                                |
| <input checked="" type="checkbox"/>                            | High capacity                  |
| <input type="checkbox"/>                                       | Medium capacity                |
| <input type="checkbox"/>                                       | Low capacity                   |
| <input type="checkbox"/>                                       | No capacity and / or resources |
| <b>Trend - Development over the last 6 years</b>               |                                |
| <input type="checkbox"/>                                       | Decreasing                     |
| <input checked="" type="checkbox"/>                            | Static                         |
| <input type="checkbox"/>                                       | Increasing                     |

| Name              | Impact   | Origin  | Trend  |
|-------------------|--|---|--|
| 4.13.3 Governance |    |   |  |
|                   |  |   |  |

|  |                                |
|--|--------------------------------|
| <b>Spatial scale - Area affected by the factor</b>             |                                |
| <input type="checkbox"/>                                       | Restricted                     |
| <input type="checkbox"/>                                       | Localised                      |
| <input type="checkbox"/>                                       | Extensive                      |
| <input checked="" type="checkbox"/>                            | Widespread                     |
| <b>Temporal scale - Occurrence of the impact</b>               |                                |
| <input type="checkbox"/>                                       | One off or rare                |
| <input type="checkbox"/>                                       | Intermittent or sporadic       |
| <input type="checkbox"/>                                       | Frequent                       |
| <input checked="" type="checkbox"/>                            | On-going                       |
| <b>Impact - Impact on the attributes</b>                       |                                |
| <input type="checkbox"/>                                       | Insignificant                  |
| <input type="checkbox"/>                                       | Minor                          |
| <input type="checkbox"/>                                       | Significant                    |
| <input checked="" type="checkbox"/>                            | Major                          |
| <b>Management response - Capacity of management to respond</b> |                                |
| <input checked="" type="checkbox"/>                            | High capacity                  |
| <input type="checkbox"/>                                       | Medium capacity                |
| <input type="checkbox"/>                                       | Low capacity                   |
| <input type="checkbox"/>                                       | No capacity and / or resources |
| <b>Trend - Development over the last 6 years</b>               |                                |
| <input type="checkbox"/>                                       | Decreasing                     |

|                                     |            |
|-------------------------------------|------------|
| <input checked="" type="checkbox"/> | Static     |
| <input type="checkbox"/>            | Increasing |

| Name                         | Impact  | Origin  | Trend   |
|------------------------------|---|---|---|
| 4.13.4 Management activities |    |   |  |
|                              |   |   |   |

**Spatial scale - Area affected by the factor**

|                                     |            |
|-------------------------------------|------------|
| <input type="checkbox"/>            | Restricted |
| <input type="checkbox"/>            | Localised  |
| <input type="checkbox"/>            | Extensive  |
| <input checked="" type="checkbox"/> | Widespread |

**Temporal scale - Occurrence of the impact**

|                                     |                          |
|-------------------------------------|--------------------------|
| <input type="checkbox"/>            | One off or rare          |
| <input type="checkbox"/>            | Intermittent or sporadic |
| <input type="checkbox"/>            | Frequent                 |
| <input checked="" type="checkbox"/> | On-going                 |

**Impact - Impact on the attributes**

|                                     |               |
|-------------------------------------|---------------|
| <input type="checkbox"/>            | Insignificant |
| <input type="checkbox"/>            | Minor         |
| <input type="checkbox"/>            | Significant   |
| <input checked="" type="checkbox"/> | Major         |

**Management response - Capacity of management to respond**

|                                     |                                |
|-------------------------------------|--------------------------------|
| <input checked="" type="checkbox"/> | High capacity                  |
| <input type="checkbox"/>            | Medium capacity                |
| <input type="checkbox"/>            | Low capacity                   |
| <input type="checkbox"/>            | No capacity and / or resources |

**Trend - Development over the last 6 years**

|                                     |            |
|-------------------------------------|------------|
| <input type="checkbox"/>            | Decreasing |
| <input checked="" type="checkbox"/> | Static     |
| <input type="checkbox"/>            | Increasing |

| Name                       | Impact  | Origin  | Trend   |
|----------------------------|---|---|---|
| 4.13.5 Financial resources |    |   |  |
|                            |   |   |   |

**Spatial scale - Area affected by the factor**

|                                     |            |
|-------------------------------------|------------|
| <input type="checkbox"/>            | Restricted |
| <input type="checkbox"/>            | Localised  |
| <input checked="" type="checkbox"/> | Extensive  |
| <input type="checkbox"/>            | Widespread |

**Temporal scale - Occurrence of the impact**

|                          |                          |
|--------------------------|--------------------------|
| <input type="checkbox"/> | One off or rare          |
| <input type="checkbox"/> | Intermittent or sporadic |

|  |                                |
|--|--------------------------------|
| <input checked="" type="checkbox"/>                            | Frequent                       |
|  | On-going                       |
| <b>Impact - Impact on the attributes</b>                       |                                |
|  | Insignificant                  |
|  | Minor                          |
| <input checked="" type="checkbox"/>                            | Significant                    |
|  | Major                          |
| <b>Management response - Capacity of management to respond</b> |                                |
|  | High capacity                  |
| <input checked="" type="checkbox"/>                            | Medium capacity                |
|  | Low capacity                   |
|  | No capacity and / or resources |
| <b>Trend - Development over the last 6 years</b>               |                                |
|  | Decreasing                     |
| <input checked="" type="checkbox"/>                            | Static                         |
|  | Increasing                     |

| Name                   | Impact  | Origin  | Trend   |
|------------------------|---|---|---|
| 4.13.6 Human resources |    |   |  |
|                        |   |   |   |

|  |                                |
|--|--------------------------------|
| <b>Spatial scale - Area affected by the factor</b>             |                                |
|  | Restricted                     |
|  | Localised                      |
| <input checked="" type="checkbox"/>                            | Extensive                      |
|  | Widespread                     |
| <b>Temporal scale - Occurrence of the impact</b>               |                                |
|  | One off or rare                |
|  | Intermittent or sporadic       |
| <input checked="" type="checkbox"/>                            | Frequent                       |
|  | On-going                       |
| <b>Impact - Impact on the attributes</b>                       |                                |
|  | Insignificant                  |
|  | Minor                          |
| <input checked="" type="checkbox"/>                            | Significant                    |
|  | Major                          |
| <b>Management response - Capacity of management to respond</b> |                                |
|  | High capacity                  |
| <input checked="" type="checkbox"/>                            | Medium capacity                |
|  | Low capacity                   |
|  | No capacity and / or resources |
| <b>Trend - Development over the last 6 years</b>               |                                |
|  | Decreasing                     |
| <input checked="" type="checkbox"/>                            | Static                         |

|  |            |
|--|------------|
|  | Increasing |
|--|------------|

  

| Name   | Impact  | Origin  | Trend   |
|--|---|---|---|
| 4.13.7 Low impact research/monitoring activities |   |  |  |
|  |   |   |   |

  

| Spatial scale - Area affected by the factor |            |
|---|------------|
|   | Restricted |
| <input checked="" type="checkbox"/>         | Localised  |
|   | Extensive  |
|   | Widespread |

  

| Temporal scale - Occurrence of the impact |                          |
|---|--------------------------|
|   | One off or rare          |
| <input checked="" type="checkbox"/>       | Intermittent or sporadic |
|   | Frequent                 |
|   | On-going                 |

  

| Impact - Impact on the attributes   |               |
|-------------------------------------|---------------|
| <input checked="" type="checkbox"/> | Insignificant |
|                                     | Minor         |
|                                     | Significant   |
|                                     | Major         |

  

| Management response - Capacity of management to respond |                                |
|---|--------------------------------|
|   | High capacity                  |
| <input checked="" type="checkbox"/>                     | Medium capacity                |
|   | Low capacity                   |
|   | No capacity and / or resources |

  

| Trend - Development over the last 6 years |            |
|---|------------|
|   | Decreasing |
| <input checked="" type="checkbox"/>       | Static     |
|   | Increasing |

#### 4.17. Serial inscriptions (national or transnational)

**4.17.1 - If your property is a serial inscription (national or transnational) please identify which components of the property are impacted by each factor**

4.18. Prediction of the state of conservation at next cycle of Periodic Reporting.

**4.18.1 - Please predict what the state of conservation of each attribute will be approximately 6 years from now (at the time of the next cycle of Periodic Reporting)**

| Attribute  | Preserved                           | Compromised | Seriously compromised | Lost |
|--|-------------------------------------|-------------|-----------------------|------|
| 4.18.1.1 Conservation of historical and architectural assets   | <input checked="" type="checkbox"/> |             |                       |      |
| 4.18.1.2 Valorization of cultural aspects linked to being in the list of World heritage properties         | <input checked="" type="checkbox"/> |             |                       |      |
| 4.18.1.3 Protection of typical character of buildings  | <input checked="" type="checkbox"/> |             |                       |      |
| 4.18.1.4 Consolidation of the underlying structures of the apse of the cathedral                           | <input checked="" type="checkbox"/> |             |                       |      |
| 4.18.1.5 Enhancement of the cultural aspects linked to the humanistic and Renaissance conception of Pienza | <input checked="" type="checkbox"/> |             |                       |      |

## 5. Protection and Management of the Property

### 5.1. Boundaries and Buffer Zones

#### 5.1.1 - Are the boundaries of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The boundaries are **adequate to maintain** the property's Outstanding Universal Value

#### 5.1.2 - Are the boundaries of the World Heritage property known and recognised?

The boundaries **are known by both** the management authority and local communities/landowners

#### 5.1.3 - Are the buffer zone(s) of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The property has **no buffer zone, but there is a need for one**

#### 5.1.4 - Are the boundaries of the buffer zones known and recognised?

The property has **no known and recognised** buffer zone

#### 5.1.5 - Comments, conclusions and/or recommendations related to boundaries and buffer zones of the World Heritage property

The Administration intends to establish the buffer zone which will fall within the landscape constraint which in turn falls within the Val d'Orcia UNESCO site.

### 5.2. Protective Measures

#### 5.2.1 - Protective designation (legal, regulatory, contractual, planning, institutional and/or traditional).

The municipal territory of Pienza has been planned by the coordinating land plan of the Siena Provincial Authority. The plan has policies about the landscape and historical sites conservation and the local communities development. The Pienza Municipality is planning the local land plan. A program for the development of the local commercial network with connections to the touristic opportunities is active. The main actions are two, both in the historical centre of Pienza: the natural commercial centre and the biological alimentary products of the Val d'Orcia. The Municipality promulgated some urban regulations for the historical centre conservation: about the pedestrian zone, the radio and tv antennas, the commercial sign-boards, the goods exposition along the streets, the buildings with historical graffities.

Source: Periodic Reporting Cycle 1 (2001-2006) Section 2

#### 5.2.2 - Please list any legislation and other measures (regulatory -including spatial planning- contractual, institutional or traditional) not included in 5.2.1 and indicate the category

2021 / Operative Plan / Tuscany Region law. / Municipal regulation on territory governance in accordance with Tuscany Region Law. / <https://portale.comune.pienza.si.it/openweb/trasparenza/pagina.php?id=99>

2018 / Territorial address plan with the value of a landscape plan / Tuscany Region Law / Negotiation between Ministry of Culture and Tuscany Region / <https://www.regione.toscana.it/-/piano-di-indirizzo-territoriale-con-valenza-di-piano-paesaggistico>

2022 / MUNICIPAL REGULATION FOR THE DISCIPLINE OF PROPERTY FEE FOR OCCUPATION OF PUBLIC LAND AND ADVERTISING DISPLAY AND MARKET FEE / Municipal regulation / [https://portale.comune.pienza.si.it/openweb/pratiche/dett\\_registri.php?sezione=atti&id=23007&codEstr=P\\_OP&CSRF=e40c3e10f3d01c6d5357fdc8f4da2314](https://portale.comune.pienza.si.it/openweb/pratiche/dett_registri.php?sezione=atti&id=23007&codEstr=P_OP&CSRF=e40c3e10f3d01c6d5357fdc8f4da2314)

2020 / Entrance fee for tourist buses / Municipal regulation / <https://www.comune.pienza.si.it/amministrazione/atti-e-pubblicazioni/regolamenti-comunali/637-regolamento-della-tassa-di-ingresso-per-autobus-turistici>

2021 / Limited Traffic Zone regulation / Municipal regulation / <https://www.comune.pienza.si.it/2-generale/1317-accesso-alla-ztl-e-varchi-elettronici>

2011 / Management plan / Ministry of Culture / <https://www.comune.pienza.si.it/images/allegati/UNESCO/1233290Pienza.PianodiGe.pdf>

#### 5.2.3 - Is the legal framework (i.e. legislation and/or regulation including spatial planning) adequate for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

The **legal framework** for maintaining of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property provides an **adequate basis for effective management and protection**

#### 5.2.4 - Is the legal framework (i.e. legislation and/or regulation) adequate in the buffer zone for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

The property has **no buffer zone**

#### 5.2.5 - Is the legal framework (i.e. legislation and/or regulation) in the broader setting of the World Heritage property adequate for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

The **legal framework** for the broader setting of the World Heritage property provides an **adequate basis for** effective management and protection of the property, contributing to the maintenance of its Outstanding Universal Value including conditions of Authenticity and/or Integrity

#### 5.2.6 - Can the legal framework (i.e. legislation and/or regulation) be enforced?

There is **adequate capacity/resources** to enforce legislation and/or regulation in the World Heritage property

#### 5.2.7 - Please provide a short summary of how the legislation, including spatial planning and other regulation, works in practice

#### 5.2.8 - Comments, conclusions and/or recommendations about the information related to the measures taken to protect the World Heritage property

### 5.3. Management System/Management Plan

**5.3.1 - Please check the box which most closely match the character of the governance and management system of the property**

Public management system joint regional/local

If 'Other', please specify

**5.3.2 - Management System: Please indicate which of the various management tools listed below are used to help protect the property.**

A statutory Management Plan or zoning plan for the property.

Governance mechanisms that foster and respect traditional practices, knowledge and uses of the property

Mechanisms to promote equal participation among and within groups, including different levels of authority, local communities, indigenous people, women and men, and other specific groups

A management plan

A joint approach to management of cultural and natural heritage

**5.3.3 - Please give a brief description of the management system currently in place at your property**

The management plan is elaborated thanks to the involvement of all levels of competence (national, regional, provincial, municipal) involved in the protection of the World Heritage site that are confronted within the Steering Committee.

**5.3.4 - Management Documents**

**5.3.5 - Has any use been made of the 2011 Recommendation on the Historic Urban Landscape in developing policies and best practices for the protection of this property?**

The policy for dealing with development proposals is **fully based** on the 2011 Recommendation on the Historic Urban Landscape

**5.3.6 - If the Historic Urban Landscape Recommendation has been used at this property, please describe briefly what has been done.**

They have been used in accordance with regulation established in the Territorial address plan with the value of a landscape plan.

**5.3.7 - Has any use been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property?**

**No use** has been made of the World Heritage Policy for Climate Change

**5.3.8 - If the Climate Change policy has been used, please briefly describe what has been done along with any research on the impacts of Climate Change on the property:**

**5.3.9 - Has any use been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property ?**

**Some use** has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties

**5.3.10 - If the Strategy for Reducing Risks from Disasters at World Heritage Properties has been used, please briefly describe what has been done**

Works to lighten the roof and consolidate the cathedral of Pienza:

<https://www.oopptoscanamarcheumbria.it/index.php/gare-chiuse/943-perizia-13744-lavori-di-consolidamento-conservazione-manutenzione-restauro-e-valorizzazione-del-duomo-di-pienza-si>

**5.3.11 - Rate the coordination between the various levels of administration (i.e. national/federal; regional/provincial/state; local/municipal etc.) involved in the management of the World Heritage property**

There is **coordination** between the range of administrative bodies involved in the management of the property, **but it could be improved**

**5.3.12 - Is the management system/plan adequate to maintain the property's Outstanding Universal Value?**

The management system/plan is **fully adequate** to maintain the property's Outstanding Universal Value

**5.3.13 - Is the management system being implemented?**

The management system is being **fully implemented and monitored**

**5.3.14 - Is there an annual work/action plan and is it being implemented?**

**No annual work/action plan** exists and it is **not needed**

**5.3.15 - Does the management system include formal mechanisms and procedures that ensure participation and contribution of the following groups, living within or near the World Heritage property and/or buffer zone in management decisions that maintain the Outstanding Universal Value of the property?**

|          |  | Not applicable | No mechanisms for participation | Some participation | Direct participation | Transformative participation in all relevant decision processes |
|----------|--|----------------|---------------------------------|--------------------|----------------------|---|
| 5.3.15.1 | Local communities                              |                |                                 |                    | ×                    |   |
| 5.3.15.2 | Local authorities                              |                |                                 |                    |                      | ×   |
| 5.3.15.3 | Landowners in the property and the buffer zone |                |                                 | ×                  |                      |   |
| 5.3.15.4 | Indigenous peoples                             | ×              |                                 |                    |                      |   |
| 5.3.15.5 | Women  |                |                                 |                    | ×                    |   |

|          |   |                                     |  |  |  |  |
|----------|---|-------------------------------------|--|--|--|--|
| 5.3.15.6 | Other specific groups                                   | <input checked="" type="checkbox"/> |  |  |  |  |
|          | If you selected, 'Other specific groups' please specify |                                     |  |  |  |  |

**5.3.16 - Please rate the cooperation/relationship between the World Heritage property managers/coordinators/staff and the following groups**

|           |   | Not applicable                      | Non-existent | Poor | Fair | Good                                |
|-----------|---|-------------------------------------|--------------|------|------|-------------------------------------|
| 5.3.16.1  | Local communities                                       |                                     |              |      |      | <input checked="" type="checkbox"/> |
| 5.3.16.2  | Local/Municipal authorities                             |                                     |              |      |      | <input checked="" type="checkbox"/> |
| 5.3.16.3  | Indigenous peoples                                      | <input checked="" type="checkbox"/> |              |      |      |                                     |
| 5.3.16.4  | Landowners  |                                     |              |      |      | <input checked="" type="checkbox"/> |
| 5.3.16.5  | Women   |                                     |              |      |      | <input checked="" type="checkbox"/> |
| 5.3.16.6  | Youth/Children  |                                     |              |      |      | <input checked="" type="checkbox"/> |
| 5.3.16.7  | Researchers   |                                     |              |      |      | <input checked="" type="checkbox"/> |
| 5.3.16.8  | Local Visitors/Tourists                                 |                                     |              |      |      | <input checked="" type="checkbox"/> |
| 5.3.16.9  | National/International tourists                         |                                     |              |      |      | <input checked="" type="checkbox"/> |
| 5.3.16.10 | Tourism Industry  |                                     |              |      |      | <input checked="" type="checkbox"/> |
| 5.3.16.11 | Local businesses and industries                         |                                     |              |      |      | <input checked="" type="checkbox"/> |
| 5.3.16.12 | NGOs  |                                     |              |      |      | <input checked="" type="checkbox"/> |
| 5.3.16.13 | Other specific groups                                   | <input checked="" type="checkbox"/> |              |      |      |                                     |
|           | If you selected 'Other specific groups', please specify |                                     |              |      |      |                                     |

**5.3.17 - Please rate the extent to which the management system of your property contributes towards achieving the objectives of the World Heritage Committee's Policy for the Integration of a Sustainable Development Perspective into the Processes of the World Heritage Convention**

|          |  | Not applicable | No contribution | Limited | Significant                         | Full achievement                    |
|----------|--|----------------|-----------------|---------|-------------------------------------|-------------------------------------|
| 5.3.17.1 | The management system of the property contributes to gender equality   |                |                 |         |                                     | <input checked="" type="checkbox"/> |
| 5.3.17.2 | The management system of the property provides ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants)  |                |                 |         |                                     | <input checked="" type="checkbox"/> |
| 5.3.17.3 | The management system of the property contributes to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status |                |                 |         |                                     | <input checked="" type="checkbox"/> |
| 5.3.17.4 | The management system of the property integrates a human rights-based approach   |                |                 |         |                                     | <input checked="" type="checkbox"/> |
| 5.3.17.5 | The management system of the property contributes to fostering inclusive local economic development, and to enhancing livelihood   |                |                 |         |                                     | <input checked="" type="checkbox"/> |
| 5.3.17.6 | The management system of the property contributes to conflict prevention, including respect for cultural diversity within and around the World Heritage property   |                |                 |         | <input checked="" type="checkbox"/> |                                     |

**5.3.18 - Please provide further details on the ratings of the management system given in the table above**

**5.3.19 - Comments, conclusions and/or recommendations related to the management system/plan**

**6. Financial and Human Resources**

**6.1. Funding**

**6.1.1 - If your funding sources do not exactly fit those shown, put the relevant amounts against the funding type that most closely represents your situation, and use the comment box below to provide more details.**

|         |  | Project costs | Running costs |
|---------|--|---------------|---------------|
| 6.1.1.1 | Multilateral funding (GEF, World Bank, etc.)       | 0 %           | 0 %           |
| 6.1.1.2 | Bilateral international funding                    | 0 %           | 0 %           |
| 6.1.1.3 | World Heritage Fund (International Assistance)     | 0 %           | 0 %           |
| 6.1.1.4 | Contribution from other conventions and programmes | 0 %           | 0 %           |

|          |  |             |             |
|----------|--|-------------|-------------|
| 6.1.1.5  | International donations (NGOs, foundations, etc.)  | 0 %         | 0 %         |
| 6.1.1.6  | Governmental (national/federal)  | 10 %        | 30 %        |
| 6.1.1.7  | Governmental (regional/provincial/state)   | 30 %        | 10 %        |
| 6.1.1.8  | Governmental (local/municipal)   | 20 %        | 20 %        |
| 6.1.1.9  | In-country donations (NGOs, foundations, etc.)   | 0 %         | 0 %         |
| 6.1.1.10 | Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.)              | 30 %        | 30 %        |
| 6.1.1.11 | Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.) | 10 %        | 10 %        |
| 6.1.1.12 | Other  | 0 %         | 0 %         |
|          |  | Total 100 % | Total 100 % |

### 6.1.2 - Please comment here on any other aspects of funding sources not covered in the table above

Funding could always be improved.

### 6.1.3 - Is the current budget sufficient to manage the World Heritage property effectively?

The available budget is acceptable but could be further improved to fully meet the management needs

### 6.1.4 - Are the existing sources of funding secure and likely to remain so?

The existing sources of funding are secure over the medium-term and planning is underway to secure funding over the long-term

### 6.1.5 - Comments, conclusion, and/or recommendations related to finance and infrastructure

### 6.1.6 - Estimate the distribution of men and women involved in the management, conservation, interpretation of the World Heritage properties and the extent to which they are drawn from local communities.

|         |       | From local communities % | From elsewhere % |
|---------|-------|--------------------------|------------------|
| 6.1.6.1 | Men   | 60 %                     | 20 %             |
| 6.1.6.2 | Women | 40 %                     | 80 %             |
|         |       | Total 100 %              | Total 100 %      |

### 6.1.7 - Are available human resources adequate to manage the World Heritage property?

Human resources partly meet the management needs of the World Heritage property

### 6.1.8 - Considering the management needs of the World Heritage property, please rate the availability of professionals in the following disciplines

|  |      |
|--|------|
| Conservation   | Fair |
| Environmental sustainability                           | Poor |
| Community participation and inclusion                  | Good |
| Risk preparedness                                      | Poor |
| Capacity development and education                     | Fair |
| Administration   | Good |
| Research and monitoring                                | Fair |
| Awareness raising and public information/communication | Good |
| Marketing and promotion                                | Good |
| Interpretation   | Good |
| Visitor management/tourism                             | Good |
| Enforcement (custodians, police)                       | Fair |

### 6.1.9 - Please rate the availability of training opportunities for the management of the World Heritage property in the following disciplines

|                                       |                |
|---------------------------------------|----------------|
| Conservation                          | Fair           |
| Environmental sustainability          | Not applicable |
| Community participation and inclusion | Fair           |
| Risk preparedness                     | Poor           |
| Capacity development and education    | Fair           |
| Administration                        | Good           |

|  |                |
|--|----------------|
| Research and monitoring                                | Fair           |
| Awareness raising and public information/communication | Fair           |
| Marketing and promotion                                | Fair           |
| Interpretation   | Not applicable |
| Visitor management/tourism                             | Good           |
| Enforcement (custodians, police)                       | Fair           |

**6.1.10 - Has any use been made of the World Heritage Strategy for Capacity Building at the property?**

Some use has been made of the World Heritage Strategy for Capacity Building

**6.1.11 - If the World Heritage Strategy for Capacity Building has been used, please briefly describe what has been done.**

**6.1.12 - Are there site-specific capacity building plans or programmes that develop local expertise and that contribute to the transfer of skills for the conservation and management of the World Heritage property?**

A site-based capacity building plan or programme is in place and partially implemented; some technical skills are being transferred to those managing the property locally, but most technical work is carried out by external staff

**6.1.13 - Comments, conclusions and/or recommendations related to human resources, expertise and training**

**7. Scientific Studies and Research Projects**

**7.1 - Is there adequate knowledge (scientific or traditional) about the values and attributes of the World Heritage property to support planning, management and decision-making to ensure that Outstanding Universal Value is maintained?**

Knowledge about the values and attributes of the World Heritage property is **acceptable** for most key areas but there are gaps

**7.2 - Is there a planned programme of research at the property which is directed towards management needs and/or improving understanding of Outstanding Universal Value?**

There is a small amount of research, but it is not planned

**7.3 - Are results from research programmes publicly available and disseminated?**

Research results are shared with local communities and partners but there is no active outreach to national or international agencies

**7.4 - Comments, conclusions and/or recommendations related to scientific studies and research projects**

**8. Education, Information and Awareness Building**

**8.1 - Please rate the awareness and understanding of the existence and justification for inscription of the World Heritage property amongst the following groups**

|  |                |
|--|----------------|
| Local communities  | Good           |
| Local/municipal authorities                              | Good           |
| Indigenous peoples                                       | Not applicable |
| Landowners   | Good           |
| Women  | Good           |
| Youth/children   | Good           |
| Researchers  | Good           |
| Local visitors   | Good           |
| National/international tourists                          | Good           |
| Tourism industry   | Good           |
| Local businesses and industries                          | Good           |
| NGOs   | Good           |
| Other specific groups                                    | Not applicable |
| If you selected 'Other specific groups', please describe |                |

**8.2 - Does the property have a heritage education programme(s) for children and/or youth, that can contribute to a better understanding of heritage, promote diversity and foster intercultural dialogue?**

There is a limited and ad hoc education and awareness programme for children and/or youth

**8.3 - Who are the target audiences for education and awareness programmes at your property?**

|                                 |
|---------------------------------|
| Local communities               |
| Youth/children                  |
| Local Visitors                  |
| National/international tourists |
| Tourism industry                |
| Local businesses and industries |
| NGOs                            |

**8.4 - Please rate the adequacy of the following visitor facilities and services at the World Heritage property for education, information, interpretation and awareness building**

|  |            |
|--|------------|
| Visitor centre                         | Good       |
| Site museum                            | Good       |
| Information booths                     | Fair       |
| Guided tours                           | Good       |
| Trails/routes                          | Fair       |
| Printed information materials          | Fair       |
| Online (website, social media, etc.)   | Fair       |
| Transportation facilities              | Poor       |
| Other                                  | Not needed |
| If 'Other' is selected, please specify |            |

**8.5 - Comments, conclusions and/or recommendations related to education, information and awareness building**

**9. Visitor Management**

**9.1 - Please provide estimated annual visitor numbers (including national and international visitors) since the last Periodic Report**

900000 / 900000 / 900000 / 1500000 / 1500000 /

**9.2 - What information sources are used to collect visitor statistics?**

|  |
|--|
| Entry tickets and registries                   |
| Accommodation establishments                   |
| Tourism industry                               |
| Other  |
| Provincial and Regional observatory on tourism |

**9.3 - What is the average length stay of a visitor to the World Heritage property?**

Two overnight stays

**9.4 - Please provide the source of information**

Provincial Tourism Office's report:

[https://www.as.camcom.it/sites/default/files/contenuto\\_redazione/pagina\\_base/allegati/indagine\\_quantitativa\\_e\\_qualitativa\\_iii\\_trim.\\_2021.pdf](https://www.as.camcom.it/sites/default/files/contenuto_redazione/pagina_base/allegati/indagine_quantitativa_e_qualitativa_iii_trim._2021.pdf)

**9.5 - What is the approximate average daily visitor expenditure? (Please provide an estimated monetary figure in USD)**

120 / 100 / 25 / 12 / 2 / 10 /

**9.6 - Please provide the source of information**

**9.7 - Does the management system/plan for the World Heritage property include a strategy with an action plan to manage visitors, tourism activity and its derived economic, socio-cultural and environmental impacts?**

There is a strategy to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are some deficiencies in implementation

**9.8 - Please provide any comments relating to the answer provided above in question 9.7**

**9.9 - Is visitor use effectively managed to maintain the Outstanding Universal Value of the property?**

Visitor use of the World Heritage property is managed but improvements could be made

**9.10 - Is the effectiveness of tourism management regularly monitored?**

Yes, using a different system

If a different system, please specify

Recreation fee; Tourist buses entrance fee

**9.11 - How does the tourism industry cooperate with the site management to improve visitor experiences and maintain the Outstanding Universal Value of the World Heritage property?**

There is **contact** between those responsible for the World Heritage property and the tourism industry but this **is largely confined to administrative or regulatory matters**

**9.12 - How well is the information on the Outstanding Universal Value of the property presented and interpreted?**

The Outstanding Universal Value of the property **is adequately presented and interpreted**

**9.13 - At how many locations is the World Heritage emblem displayed at the property?**

In **many locations** and **easily visible** to visitors

**9.14 - How does visitor/tourism revenue (e.g. entry charges, permits) contribute to the management of the World Heritage property?**

**Fees are collected** and make a **substantial contribution** to the management of the World Heritage property

**9.15 - Are there locally driven sustainable tourism initiatives?**

Yes

If 'Yes', please specify

Trails; E-bike network with neighbouring municipalities to be implemented

**9.16 - Are the benefits of tourism shared with local communities?**

Yes

If 'Yes', please specify

Turism is by far the main industry of this area.

**9.17 - Comments, conclusions and/or recommendations related to visitation/tourism/public use of the World Heritage property**

10. Monitoring

**10.1 - Is there a monitoring programme at the property directed towards management needs and/or towards improving the understanding of the Outstanding Universal Value?**

There is a **comprehensive, integrated programme of monitoring**, which is relevant to management needs and/or improving understanding of the Outstanding Universal Value

**10.2 - Is necessary information available in order to define key indicators for measuring the state of conservation and are they used in monitoring how the Outstanding Universal Value of the property is being maintained?**

Information on the values of the World Heritage property is **adequate** and **key indicators have been defined** but **monitoring of the status of indicators could be improved**

**10.3 - Are key indicators defined and in place for the following principal aspects of the property?**

|        | Extend of indicators                                     | Not applicable | No indicators | Indicators have been defined but are not yet in use | Indicators are in place and in use since the last Periodic Reporting cycle |
|--------|--|----------------|---------------|---|--|
| 10.3.1 | State of conservation                                    |                |               |   | ✘  |
| 10.3.2 | Effectiveness of the management system                   |                |               |   | ✘  |
| 10.3.3 | Character of governance                                  |                |               |   | ✘  |
| 10.3.4 | Appropriate synergy with other conservation designations |                |               |   | ✘  |
| 10.3.5 | Contribution to sustainable development                  |                |               |   | ✘  |
| 10.3.6 | Capacity development                                     |                |               |   | ✘  |

**10.4 - Please provide information on relevant key indicators adopted at the property**

**10.5 - Please rate the level of involvement in monitoring of the following groups:**

|  |                |
|--|----------------|
| World Heritage managers/coordinators and staff | Good           |
| Local/municipal authorities                    | Good           |
| Local communities                              | Fair           |
| Indigenous peoples                             | Not applicable |
| Landowners                                     | Fair           |
| Women  | Good           |

|   |                |
|---|----------------|
| Researchers   | Good           |
| Tourism industry  | Fair           |
| Local businesses and industry                           | Fair           |
| NGOs  | Good           |
| Other specific groups                                   | Not applicable |
| If you selected 'Other specific groups', please specify |                |

#### 10.6 - Has the State Party implemented relevant recommendations arising from the World Heritage Committee?

Implementation is underway

#### 10.7 - Please provide comments relevant to the implementation of recommendations from the World Heritage Committee.

#### 10.8 - Comments, conclusions and/or recommendations related to Monitoring

### 11. Identification of Priority Management Needs

#### 11.1 - Identification of Priority Management Needs

|            |  |   |
|------------|--|---|
| <b>5.1</b> | <b>Boundaries and Buffer Zones</b>   |   |
| 5.1.3      | The property has <b>no buffer zone, but there is a need for one</b>  | ✘ |
| 5.1.4      | The property has <b>no known and recognised buffer zone</b>  |   |
| <b>5.2</b> | <b>Protective Measures</b>   |   |
| 5.2.4      | The property has <b>no buffer zone</b>   | ✘ |
| <b>5.3</b> | <b>Management System/Management Plan</b>   |   |
| 5.3.7      | <b>No use</b> has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property   |   |
| 5.3.9      | <b>Some use</b> has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property   | ✘ |
| 5.3.11     | There is <b>coordination</b> between the range of administrative bodies involved in the management of the property, <b>but it could be improved</b>  |   |
| <b>6.1</b> | <b>Funding</b>   |   |
| 6.1.3      | The available <b>budget is acceptable</b> but <b>could be further improved</b> to fully meet the management needs of the World Heritage property   | ✘ |
| 6.1.7      | Human resources <b>partly meet</b> the management needs of the World Heritage property   | ✘ |
| 6.1.10     | <b>Some use</b> has been made of the World Heritage Strategy for Capacity Development at the World Heritage property   |   |
| 6.1.12     | <b>A site-based</b> capacity building plan or programme is in place and partially implemented; some technical skills are being transferred to those managing the property locally, <b>but most technical work is carried out by external staff</b>                           |   |
| <b>7</b>   | <b>Scientific Studies and Research Projects</b>  |   |
| 7.2        | There is a <b>small amount of research</b> in the World Heritage property <b>but it is not planned</b>   | ✘ |
| 7.3        | Research <b>results are shared</b> with local communities and partners <b>but there is no active outreach</b> to national or international agencies  | ✘ |
| <b>8</b>   | <b>Education, Information and Awareness Building</b>   |   |
| 8.2        | There is a <b>limited and ad hoc education</b> and awareness programme for children and/or youth   | ✘ |
| <b>9</b>   | <b>Visitor Management</b>  |   |
| 9.7        | There is a <b>strategy</b> to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are <b>some deficiencies in implementation</b>  | ✘ |
| 9.9        | Visitor use of the World Heritage property is managed but <b>improvements could be made</b>  |   |
| 9.11       | There is <b>contact</b> but this is largely confined to administrative or regulatory matters There is contact between those responsible for the World Heritage property and the tourism industry but this <b>is largely confined to administrative or regulatory matters</b> |   |
| <b>10</b>  | <b>Monitoring</b>  |   |
| 10.2       | Information on the values of the World Heritage <b>property is adequate and key indicators have been defined</b> but <b>monitoring of the status of indicators could be improved</b>   | ✘ |

Please select 0 more issues.

Please save this question to reflect changes

## 12. Summary and Conclusions

### 12.1. Summary - Factors affecting the Property

#### 12.1.1 - Summary - Factors affecting the Property

| 4.2 Transportation Infrastructure              |  |  |   |   |                           |   |   |
|--|--|--|---|---|---------------------------|---|---|
| 4.2.1  | Ground transport infrastructure                                      | Difficulty in implementing tourist enhancement and proposition of socio-economic activities  | Investing in renewing/revamping roads   | By owner entities, ie Province and Central Govt   | Unknown                   | Province; Regional and Central Govt                                       | Road condition is rapidly deteriorating due to lack of investment, jeopardizing the safety of locals and tourists. We hope this situation can quickly be fixed. |
| 4.7 Local conditions affecting physical fabric |  |  |   |   |                           |   |   |
| 4.7.3  | Temperature  | Conservation of historic and architectural assets  | Reduction of CO2 emissions and of water consumption   | Permanent   | Underway                  | Regional and Central Government   | Unavoidable actions due to drought affecting this area in the last two years  |
| 4.7.6  | Water (rain/water table)   | Conservation of historical-architectural assets Consolidation interventions of the foundation of the apse of the Cathedral                             | Construction of foundation under the Cathedral's apse in the 1930s.   | Contiuuous  | Ongoing                   | Ministry of Culture   | None  |
| 4.7.7  | Pests  | Conservation of historical-architectural assets  | Placement of new traps to come.   | Continuous  | Yearly                    | Municipality of Pienza  | Pidgeons are the parasites we are referring to.   |
| 4.8 Social/Cultural uses of heritage           |  |  |   |   |                           |   |   |
| 4.8.5  | Identity, social cohesion, changes in local population and community | Enhancement of the cultural aspects linked to the humanistic-Renaissance conception of the city.   | Stimulate the participation of citizens in cultural activities and participation in educational events.                               | Strategic project featured in the 2011 site management plan update.                               | In progress.              | Municipal authority and local cultural associations.                      | The resources that the municipal administration invests in culture must keep being allocated for the population of the property and the city itself.            |
| 4.8.6  | Impacts of tourism/Visitation/Recreation                             | Encouraging tourism through the preservation of historical, cultural, landscape-linked values, linked to local traditions and of the surrounding area. | Boosting and promotion of organic farming and agritourism accommodation; of artistic craftsmanship and of local and organic products. | Continuous, as established in the 2011 Management Plan.   | In progress.              | Municipal Authority, trade associations and Natural Shopping Centre (CCN) | In this field, we act in agreement with Val d'Orcia World Heritage Property's policy and actions.   |
| 4.10 Climate change and severe weather events  |  |  |   |   |                           |   |   |
| 4.10.1   | Storms   | Conservation of historical-architectural assets  | Maintenance of buildings  | Contnuuous  | Ongoing                   | Owners of buildings   | None  |
| 4.10.3   | Drought  | Conservation of the property and the surrounding environment.  | Fight against the erosion of the limestone and sandstone platform on which Pienza lies.   | Continuous, as established both in the Management Plan and in the Municipal planning instruments. | Continuous.               | Municipality, Region and Civil Engineering Office.                        | Erosion is caused not so much by drought, but by how rain has become extreme, concentrated in large quantities and in short periods.                            |
| 4.10.6   | Temperature change   | Conservation of the paintings and tapestries, largely present in the Diocesan Museum.  | Monitoring and stabilizing of temperature with electric tools.  | Continuous.   | Mainly summer and autumn. | Municipality and the company that runs the Museum.                        | The situation was made more difficult by the increase in energy costs.  |
| 4.11 Sudden ecological or geological events    |  |  |   |   |                           |   |   |
| 4.11.5   | Erosion and siltation/Deposition                                     | Conservation of historical-architectural assets Consolidation interventions of the foundation of the apse of the Cathedral                             | Maintenance and consolidation of buildings  | Contiuuous  | Ongoing                   | Owners and Municipality of Pienza   | None  |

## 12.2. Summary - Management Needs

## 12.2.1 - Summary - Management Needs

| 5.1 Boundaries and Buffer Zones            |  |  |                              |  |  |
|--|--|--|------------------------------|--|--|
|  |  | Actions  | Timeframe                    | Lead agency (and others involved)  | More info / comment  |
| 5.1.3                                      | The property has <b>no buffer zone, but there is a need for one</b>  | Creation of a buffer zone around the boundaries of the property  | The near future              | Municipality of Pienza, Ministry of Culture, Tuscany Region Unesco National Committee, World Heritage Centre | The Region has created a safeguarded area protecting the territory and the landscape, not related to any World Heritage Property in particular. This could be a ground to create a buffer zone, which could better protect the property.                 |
| 5.2 Protective Measures                    |  |  |                              |  |  |
| 5.2.4                                      | The property has <b>no buffer zone</b>   | Creation of a buffer zone around the boundaries of the property  | The near future              | Municipality of Pienza, Ministry of Culture, Tuscany Region Unesco National Committee, World Heritage Centre | The Region has created a safeguarded area protecting the territory and the landscape, not related to any World Heritage Property in particular. This could be a ground to create a buffer zone, which could better protect the property.                 |
| 5.3 Management System/Management Plan      |  |  |                              |  |  |
| 5.3.9                                      | <b>Some use</b> has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property                     | Identify, assess and monitor disaster risks at World Heritage properties; Reduce underlying risk factors at World Heritage properties; Strengthen disaster preparedness at World Heritage properties for effective response at all levels. | Ongoing                      | Municipality, Civil Protection, Owners   | None   |
| 6.1 Funding                                |  |  |                              |  |  |
| 6.1.3                                      | The available <b>budget is acceptable</b> but <b>could be further improved</b> to fully meet the management needs of the World Heritage property | Funding by Ministry of Culture from the tenders established by "Law number 77/2006" and allocation of funds in the budget of the municipality, as well as regional stimuli.  | Continuous search for funds. | Municipality, Region, Ministry of Culture, EU.   | An annual fixed income should be provided by the Ministry of Culture to be assigned to World Heritage Properties for the ongoing management of the Properties and the need to update management systems.   |
| 6.1.7                                      | Human resources <b>partly meet</b> the management needs of the World Heritage property   | Training by the municipality of specialists and administrative managers.   | Continuous                   | The Municipality of Pienza   | The Ministry of Culture should organize free training events for Municipal employees.  |
| 7 Scientific Studies and Research Projects |  |  |                              |  |  |
| 7.2  | There is a <b>small amount of research</b> in the World Heritage property <b>but it is not planned</b>   | We try to encourage the presence of and offer hospitality to Italian and foreign universities to stay on site and deepen their knowledge and issues relating to the Property.  | The last ten years.          | The Municipality of Pienza and universities.   | Also in this case, we lack funding to grant free hospitality.  |
| 7.3  | Research <b>results are shared</b> with local communities and partners <b>but there is no active outreach</b> to                                 | Research and studies on the site are shared with the population and experts (architects and historians) of the area, but there is a lack of interest at higher levels.   | Continuous                   | The Municipality of Pienza and professional associations.  | An example is the latest conference held in Pienza on the restoration of two buildings with Renaissance graffiti, in which the Provincial professional orders of Architects of Siena and Arezzo took part, but not at higher levels (e.g. Regional etc). |

|             |   |   |                    |   |   |
|-------------|---|---|--------------------|---|---|
|             | national or international agencies  |   |                    |   |   |
| <b>8</b>    | <b>Education, Information and Awareness Building</b>  |   |                    |   |   |
| <b>8.2</b>  | There is a <b>limited and ad hoc education</b> and awareness programme for children and/or youth  | Training activities and guided tours for students of Pienza and surrounding areas, as well as local youth associations.   | Spring and summer. | Municipality of Pienza and schools.                     | Free tourist guides should be provided for guided tours and lessons for school groups.                                  |
| <b>9</b>    | <b>Visitor Management</b>   |   |                    |   |   |
| <b>9.7</b>  | There is a <b>strategy</b> to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are <b>some deficiencies in implementation</b> | The municipal administration has put in place: 1) a profitable management of arrivals and parking; 2) a single ticketing to the city's museum structures; 3) a regulation aimed to the respect for the city's heritage. | Continuous         | Municipal authority, tourism offices, Municipal Police. | The high number of tourists makes it difficult to apply the strategy in some periods of the year.                       |
| <b>10</b>   | <b>Monitoring</b>   |   |                    |   |   |
| <b>10.2</b> | Information on the values of the World Heritage <b>property is adequate and key indicators have been defined but monitoring of the status of indicators could be improved</b>   | Monitoring is regular, but lack of resources prevents increasing its frequency.   | Every five years.  | The Municipality of Pienza.                             | Every five years, the Ministry of Culture should allocate specific resources dedicated to each World Heritage Property. |

Summary - Management Needs completed

### 12.3. Conclusions on the State of Conservation of the Property

#### 12.3.1 - Following the analysis undertaken for this report, what is the current state of Authenticity of the World Heritage property?

The Authenticity of the World Heritage property **has been preserved**

#### 12.3.2 - Following the analysis undertaken for this report, what is the current state of Integrity of the World Heritage property?

The Integrity of the World Heritage property is **intact**

#### 12.3.3 - Following the analysis undertaken for this report, what is the current state of the World Heritage property's Outstanding Universal Value?

The World Heritage property's Outstanding Universal Value has been **maintained**.

#### 12.3.4 - What is the current state of the property's other values?

Other important cultural and/or natural values and the state of conservation of the World Heritage property are **intact**

#### 12.3.5 - Comments, conclusions and/or recommendations related to the state of conservation of the property.

We are implementing a policy that seeks to balance and keep alive both the traditions and life of the residents on the Property, as well as the well-being and happiness of the tourists who come to us. This is the theme of a Rotary convention to be held in april in Siena Province Properties, including Pienza.

### 13. Impact of World Heritage Status

#### 13.1 - Please rate the impacts of World Heritage status of the property in relation to the following areas

|  |               |
|--|---------------|
| Conservation   | Very positive |
| Research and monitoring                                      | Positive      |
| Management effectiveness                                     | Positive      |
| Quality of life for local communities and indigenous peoples | Very positive |
| Recognition  | Very positive |

|   |                |
|---|----------------|
| Education   | Positive       |
| Infrastructure development  | Positive       |
| Funding for the property  | No impact      |
| International cooperation   | Positive       |
| Political support for conservation  | Positive       |
| Legal/Policy framework  | Positive       |
| Advocacy  | Positive       |
| Institutional coordination  | Very positive  |
| Security  | Very positive  |
| Gender equality   | Very positive  |
| Provision of ecosystem services/ benefits to local communities  | No impact      |
| Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status | Very positive  |
| Fostering inclusive local economic development and enhancing livelihood   | Very positive  |
| Contributing to conflict prevention, including respect for cultural diversity within and around heritage properties   | No impact      |
| Other   | Not applicable |
| If 'Other', please specify  |                |

### 13.2 - Comments, conclusions and/or recommendations related to World Heritage status and its impacts

## 14. Good Practice in the Implementation of the World Heritage Convention

### 14.1 - Example of good practice in World Heritage protection, identification, conservation or management at the property level

Free public land for the construction sites that restore the Renaissance Graffiti façades of the buildings in the historic center.

### 14.2 - Define which topics are covered by this example of best practice at the property level

|                         |
|-------------------------|
| Sustainable Development |
| Synergies               |
| State of Conservation   |
| Management              |
| Governance              |

## 15. Assessment of the Periodic Reporting Exercise

### 15.1. Relevance of Periodic Reporting

#### 15.1.1 - Has the Periodic Reporting process improved the understanding of the following?

|  |
|--|
| The World Heritage Convention  |
| The concept of Outstanding Universal Value                           |
| The property's Outstanding Universal Value                           |
| The concept of Integrity and/or Authenticity                         |
| The property's Integrity and/or Authenticity                         |
| Management effectiveness to maintain the Outstanding Universal Value |
| Monitoring and reporting   |

#### 15.1.2 - Please rate the follow-up to conclusions and recommendations from previous Periodic Reporting exercise by the following entities

|  |      |
|--|------|
| State Party                            | Good |
| Site Managers                          | Good |
| UNESCO World Heritage Centre           | Good |
| Advisory Bodies (ICOMOS, IUCN, ICCROM) | Fair |

## 15.2. Use of Data

### 15.2.1 - How do the authorities in charge of the property plan to use the data recorded from this cycle of Periodic Reporting?

Revision of priorities/strategies/policies for the protection, management and conservation of heritage

Update of management plans

Fundraising

Awareness raising

Other

Municipal Regulations

### 15.2.2 - Comments on use of data from the Cycle of Periodic Reporting

## 15.3. Timing and resources

### 15.3.1 - Entities involved in the filling out of this online questionnaire (tick as many boxes as applicable)

Governmental institutions responsible for cultural and natural heritage

Site Manager/Coordinator World Heritage property staff

Responsible persons for local designated sites under other international conventions/ programmes

Staff from other World Heritage properties

UNESCO National Commission

Local communities

Other specific groups

Local associations

External experts

### 15.3.2 - Has a gender balanced contribution and participation been considered in the filling out of this questionnaire?

Gender balance is explicitly considered and effectively implemented in the process.

### 15.3.3 - Were you given adequate time (i.e. roughly ten months) to gather necessary information and to fill in this questionnaire?

Yes

### 15.3.4 - Please estimate the time (working hours) needed to complete this questionnaire

108 / 36 / 72 /

### 15.3.5 - Did you mobilise any additional resources to fill out this questionnaire?

| Additional resources |  | No | Yes |
|----------------------|--|----|-----|
| 15.3.5.1             | Human resources  |    | X   |
| 15.3.5.2             | Financial resources for organizing consultation meetings/ training | X  |     |

## 15.4. Format and content of the Periodic Report

### 15.4.1 - How accessible was the information required to complete this questionnaire?

Most required information was accessible.

### 15.4.2 - Was the questionnaire easy to use and clear to understand?

|          |                              | Very Difficult | Difficult | Easy | Very easy |
|----------|------------------------------|----------------|-----------|------|-----------|
| 15.4.2.1 | Ease of use of questionnaire |                |           | X    |           |
| 15.4.2.2 | Clarity of questions         |                |           | X    |           |

### 15.4.3 - Please provide suggestions for improvement of the Periodic Reporting questionnaire

## 15.5. Training and Guidance

### 15.5.1 - Please rate the level of support in terms of training and guidance from the following entities in completing this questionnaire

|                                      |            |
|--------------------------------------|------------|
| UNESCO World Heritage Centre         | Good       |
| UNESCO (other sectors/field offices) | Good       |
| UNESCO National Commission           | Good       |
| ICOMOS International                 | No support |

|                               |                |
|-------------------------------|----------------|
| IUCN International            | Not applicable |
| ICCROM international/regional | No support     |
| ICOMOS national/regional      | No support     |
| IUCN national/regional        | Not applicable |

**15.5.2 - Please rate the level of support for completing the Periodic Reporting questionnaire from the following entities**

|   |                |
|---|----------------|
| UNESCO World Heritage Centre                      | Good           |
| State Party Representative (national Focal Point) | Good           |
| UNESCO other sectors (e.g. field office)          | Good           |
| National Commission for UNESCO                    | Good           |
| ICOMOS International                              | Not applicable |
| ICCROM International/regional                     | Not applicable |
| ICOMOS national/regional                          | Not applicable |
| IUCN national/regional                            | No support     |
| IUCN International                                | No support     |

**15.5.3 - Were the online training resources prepared by the World Heritage Centre regarding Periodic Reporting adequate for you to complete this questionnaire?**

Not applicable (i.e. I did not use these resources)

**15.5.4 - If you found that the online training resources were not adequate, what changes would you like to see implemented?**

15.6. Actions that will require formal consideration by the World Heritage Committee

**15.6.1 - Summary of actions that will require formal consideration by the World Heritage Committee**

- **Map(s)**

Reason for update: Official GIS map from Tuscany Region at the following address: <http://www502.regione.toscana.it/geoscopio/sitiunesco.html>

Changes to these items will need to go through the proper processes.

15.7. Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise

**15.7.1 - Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise**

**15.7.2 - Thank you for having filled in all the questions. Please contact your National Focal Point for validation.**