

Royal Botanic Gardens, Kew

1. World Heritage Property Data

1.1 - Name of World Heritage property


Royal Botanic Gardens, Kew

1.2 - World Heritage property details

1.3 - Geographic information table

| Name | Coordinates | Property (ha) | Buffer zone (ha) | Total (ha) | Inscription year |
|----------------------------|-----------------|---------------|------------------|------------|------------------|
| Royal Botanic Gardens, Kew | 51.482 / -0.294 | 132 | 350 | 482 | 2003 |
| Total (ha) | | 132 | 350 | 482 | |

1.4 - Map(s)

| Title | Date | Link to source |
|-----------------------------------|------|---|
| The Site Boundary and Buffer Zone | 2002 |  |

Comment

The World Heritage Centre identified in December 2022 that they did not hold an up-to-date clear map of the WHS which showed the delimitation of the property. The property produced a map as requested and are in the process of making amendments in line with comments from the World Heritage Centre, with support from Historic England. The revised map will be submitted for the approval of the World Heritage Committee at 46COM along with others from the UK State Party.

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

- [Royal Botanic Gardens, Kew](#)
- <https://www.facebook.com/kewgardens/> <https://www.instagram.com/kewgardens/> <https://twitter.com/kewgardens>
<https://www.linkedin.com/company/28646> <https://www.youtube.com/@kewgardens>

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 | International Register of Cultural Property under Special Protection (1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict) | | ✗ |
| 2.1.2 | List of Cultural Property under Enhanced Protection (Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict) | | ✗ |
| 2.1.3 | The List of Wetlands of International Importance (The Ramsar List) (Convention on Wetlands of International Importance (Ramsar Convention)) | | ✗ |
| 2.1.4 | World Network of Biosphere Reserves Man and the Biosphere (MAB) Programme | | ✗ |
| 2.1.5 | Global Geoparks Network 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

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

Set amongst a series of parks and estates along the River Thames' south-western reaches, this historic landscape garden includes work by internationally renowned landscape architects Bridgeman, Kent, Chambers, Capability Brown and Nesfield illustrating significant periods in garden design from the 18th to the 20th centuries. The gardens house extensive botanic collections (conserved plants, living plants and documents) that have been considerably enriched through the centuries. Since their creation in 1759, the gardens have made a significant and uninterrupted contribution to the study of plant diversity, plant systematics and economic botany.

The landscape design of Kew Botanic Gardens, their buildings and plant collections combine to form a unique testimony to developments in garden art and botanical science that were subsequently diffused around the world. The 18th century English landscape garden concept was adopted in Europe and Kew's influence in horticulture, plant classification and economic botany spread internationally from the time of Joseph Banks' directorship in the 1770s. As the focus of a growing level of botanic activity, the mid 19th century garden, which overlays earlier royal landscape gardens is centred on two large iron framed glasshouses - the Palm House and the Temperate House that became models for conservatories around the world. Elements of the 18th and 19th century layers including the Orangery, Queen Charlotte's Cottage; the folly temples; Rhododendron Dell, boundary ha-ha; garden vistas to William Chambers' pagoda and Syon Park House; iron framed glasshouses; ornamental lakes and ponds; herbarium and plant collections convey the history of the Gardens' development from royal retreat and pleasure garden to national botanical and horticultural garden before becoming a modern institution of conservation ecology in the 20th century.

Criterion (ii): Since the 18th century, the Botanic Gardens of Kew have been closely associated with scientific and economic exchanges established throughout the world in the field of botany, and this is reflected in the richness of its collections. The landscape and architectural features of the Gardens reflect considerable artistic influences both with regard to the European continent and to more distant regions;

Criterion (iii): Kew Gardens have largely contributed to advances in many scientific disciplines, particularly botany and ecology;

Criterion (iv): The landscape gardens and the edifices created by celebrated artists such as Charles Bridgeman, William Kent, Lancelot 'Capability' Brown and William Chambers reflect the beginning of movements which were to have international influence;

Integrity

The boundary of the property contains the elements that bear witness to the history of the development of the landscape gardens and Kew Gardens' uninterrupted role as national botanic garden and centre of plant research. These elements, which express the Outstanding Universal Value, remain intact. The Buffer Zone contains the focus of one of the garden vistas on the opposite bank of the Thames River - Syon Park House - together with other parts of the adjacent cultural landscape (Old Deer Park - a royal estate south of Kew Gardens, Syon Park on the opposite bank of the Thames, the river from Isleworth Ferry Gate to Kew Bridge, the historic centre of Kew Green with the adjacent buildings and the church, and then to the east, the built-up sectors of 19th and 20th century houses). Development outside this Buffer Zone may threaten the setting of the property.

Authenticity

Since their creation in the 18th century Kew Gardens have remained faithful to their initial purpose with botanists continuing to collect specimens and exchange expertise internationally. The collections of living and stored material are used by scholars all over the world.

The 44 listed buildings are monuments of the past, and reflect the stylistic expressions of various periods. They retain their authenticity in terms of design, materials and functions. Only a few buildings are being used for a purpose different from that originally intended (the Orangery now houses a restaurant). Unlike the works of architecture, in each of the landscaped garden areas, the past, present and future are so closely interwoven (except in the case of vestigial gardens created by significant artists, such as the vistas), that it is sometimes difficult to separate the artistic achievements of the past in terms of the landscape design of the different periods. Recent projects such as recutting Nessfield's beds behind the Palm House have started to interpret and draw attention to the earlier landscapes created by Capability Brown and Nessfield. Other projects are proposed in the overall landscape management plan subject to resourcing.

Protection and management requirements

The property includes the Royal Botanic Gardens of Kew, Kew Palace and Queen Charlotte's Cottage, which are the hereditary property of Queen Elizabeth II and are managed for conservation purposes by the Royal Botanic Gardens of Kew and Historic Royal Palaces.

The property is included in a conservation area designated by the London Borough of Richmond upon Thames. Part of the Buffer Zone is protected by a conservation area in the London Borough of Hounslow. Forty four buildings and structures situated on the site have been listed under the Listed Buildings and Conservation Areas Act 1990 as buildings of special architectural and historical interest. The whole site is Grade I on the English Heritage Register of Park and Gardens of Special Historic Interest in England Permission to carry out works or change functions is subject to the approval of the local authorities, who consult English Heritage in the case of listed buildings and conservation areas.

Protection of the property and the Buffer Zone is provided by development plans in the planning systems of the London Boroughs of Richmond upon Thames and Hounslow and by the London Plan (the Regional Spatial Strategy) and by designation.

Kew Gardens' conservation work has continued at an international level, notably for the cataloguing of species, supporting conservation projects around the world, the implementation of the Convention on International Trade in Endangered Species (CITES, 1975) and the Convention on Biological Diversity (CBD, 1992).

The property has a World Heritage Site Management Plan, a Property Conservation Plan, and a Master Plan. Implementation of the Management Plan is coordinated by the Royal Botanic Gardens, Kew. The World Heritage Site Management Plan is currently being revised alongside a specific landscape master plan.

At the time of inscription the World Heritage Committee encouraged the State Party to include on the staff of the Royal Botanic Gardens a landscape architect or other specialist qualified in the history of art and history in general, so that architectural conservation activities can be coordinated on-site. Landscape architects with experience of working in historic landscapes have been appointed to provide this advice

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 | A rich and diverse historic cultural landscape providing a palimpsest of landscape design | | × | | |
| 3.2.2 | An iconic architectural legacy | | × | | |
| 3.2.3 | Globally important preserved and living plant collections | × | | | |
| 3.2.4 | A horticultural heritage of keynote species and collections | × | | | |

| | | | | | |
|--------|---|---|--|--|--|
| 3.2.5 | Key contributions to developments in plant science and plant taxonomy | ✕ | | | |
| 3.2.6 | | | | | |
| 3.2.7 | | | | | |
| 3.2.8 | | | | | |
| 3.2.9 | | | | | |
| 3.2.10 | | | | | |
| 3.2.11 | | | | | |
| 3.2.12 | | | | | |
| 3.2.13 | | | | | |
| 3.2.14 | | | | | |
| 3.2.15 | | | | | |

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

Tall building development outside of the WHS and the WHS buffer zone has impacted the setting of the landscape and iconic buildings within it. Whilst this has caused some harm to the significance of the landscape and architectural attributes of the WHS, they otherwise remain intact. Restoration and improvement works to the landscape and key buildings within the WHS has also contributed to the improvement of the condition of these attributes.








4. Factors Affecting the Property

4.1. Buildings and Development

4.1.1 - Housing

Previous answer Cycle 2 (25/07/2013):









- Relevant, Negative, Current, Potential, Outside

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

4.1.2 - Commercial development

Previous answer Cycle 2 (25/07/2013):

- Relevant, Negative, Current, Potential, Outside

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

4.1.3 - Industrial areas

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.1.4 - Major visitor accommodation and associated infrastructure

Previous answer Cycle 2 (25/07/2013):

- Not relevant














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

4.1.5 - Interpretative and visitation facilities

Previous answer Cycle 2 (25/07/2013):

- Relevant, Positive, Negative, Current, Inside

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

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


The negative impact of development outside the WHS is an ongoing concern. The primary cause of this is the development of commercial and residential tall buildings which are visible from within the WHS and harm the setting of the landscape and buildings. This concern is increasing due to a number of tall building planning applications, some from within the 'Great West Corridor' development opportunity area, recently being approved and implemented.

4.2. Transportation Infrastructure

4.2.1 - Ground transport infrastructure

Previous answer Cycle 2 (25/07/2013):

- Relevant, Negative, Current, Inside

|  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 (25/07/2013):


- Not relevant

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

4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (25/07/2013):








- Relevant, Negative, Current, Potential, Outside

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

4.2.5 - Effects arising from use of transportation infrastructure

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

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

Noise and pollution from Heathrow flights and from Kew Road negatively impact the setting of the WHS.











4.3. Services Infrastructures

4.3.1 - Water infrastructure

Previous answer Cycle 2 (25/07/2013):

- Relevant, Positive, Negative, Potential, Outside


|  Relevant | | | Not relevant | | | | |
|--|--------|--|--------------|--|-----------------|--|--|
| | Impact | | Origin | | Trend of impact | | |

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

4.3.2 - Renewable energy facilities

Previous answer Cycle 2 (25/07/2013):

- Relevant, Positive, Potential, Inside

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

4.3.3 - Non-renewable energy facilities

Previous answer Cycle 2 (25/07/2013):




- Not relevant

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

4.3.4 - Localised utilities

Previous answer Cycle 2 (25/07/2013):

- Relevant, Negative, Potential, Outside

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

4.3.5 - Major linear utilities

Previous answer Cycle 2 (25/07/2013):

- 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

RBG Kew has an established framework for monitoring and reporting on all aspects of environmental sustainability across the site, including water, waste management and energy. In May 2021 Kew published its 10-year sustainability strategy, which includes a commitment to join the Race to Zero carbon, and become Climate Positive by 2030. There has been an increase in applications for telecoms equipment on site recently, which if insensitively installed could harm the setting of the WHS.

4.4. Pollution

4.4.1 - Pollution of marine waters

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.4.2 - Ground water pollution

Previous answer Cycle 2 (25/07/2013):

- Relevant, Negative, Potential, Outside

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

4.4.3 - Surface water pollution

Previous answer Cycle 2 (25/07/2013):










- Not relevant

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

4.4.4 - Air pollution

Previous answer Cycle 2 (25/07/2013):

- Relevant, Negative, Current, Outside

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

4.4.5 - Solid waste

Previous answer Cycle 2 (25/07/2013):



- Not relevant

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

4.4.6 - Input of excess energy

Previous answer Cycle 2 (25/07/2013):

- Relevant, Negative, Current, Potential, Outside

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

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

Kew Gardens is a seasonally diverse site and light pollution from surrounding urban development, road noise and fumes will become more apparent when deciduous trees are out of leaf, negatively impacting the setting of the site.

4.5. Biological resource use/modification

4.5.1 - Fishing/collecting aquatic resources

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.5.2 - Aquaculture

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.5.3 - Land conversion

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.5.4 - Livestock farming/Grazing of domesticated animals

Previous answer Cycle 2 (25/07/2013):

- Not relevant













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

4.5.5 - Crop production

Previous answer Cycle 2 (25/07/2013):

- Relevant, Positive, Current, Inside


| ✕ 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 (25/07/2013):

- Relevant, Positive, Current, Inside

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

4.5.7 - Subsistence wild plant collection

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.5.8 - Commercial hunting

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.5.9 - Subsistence hunting

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.5.10 - Forestry/Wood production

Previous answer Cycle 2 (25/07/2013):

- Relevant, Positive, Current, Inside

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

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

Kew has re-established a kitchen garden on the location of the former Georgian Kitchen Garden with a display of edible plants demonstrating sustainable food cultivation. Kew's 'Natural Area' continues to be maintained using traditional woodland management practices. Kew's Commercial Innovation Unit evaluates the potential uses of plants and fungi from the collections and authenticates botanical and fungal extracts used commercially (managed in line with the Convention on Biological Diversity).

4.6. Physical resource extraction

4.6.1 - Mining

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.6.2 - Quarrying

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.6.3 - Oil and gas

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.6.4 - Water (extraction)

Previous answer Cycle 2 (25/07/2013):

- 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 (25/07/2013):

- Not relevant

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

4.7.2 - Relative humidity

Previous answer Cycle 2 (25/07/2013):

- Relevant, Negative, Current, Inside

| | | | | | | | |
|--|-------------------------------------|-----------|-------------------------------------|---------|-----------------|--------|------------|
| <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"/> | | | | |

4.7.3 - Temperature

Previous answer Cycle 2 (25/07/2013):

- Relevant, Negative, Potential, Inside

| | | | | | | | |
|--|-------------------------------------|-----------|-------------------------------------|---------|-----------------|--------|------------|
| <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"/> | | | | |

4.7.4 - Radiation/Light

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.7.5 - Dust

Previous answer Cycle 2 (25/07/2013):

- Not relevant







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

4.7.6 - Water (rain/water table)

Previous answer Cycle 2 (25/07/2013):

- Relevant, Negative, Potential, Inside

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

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

4.7.7 - Pests

Previous answer Cycle 2 (25/07/2013):



- Relevant, Negative, Potential, Inside

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

4.7.8 - Micro-organisms

Previous answer Cycle 2 (25/07/2013):

- Relevant, Negative, Potential, Inside

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

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

The warmer conditions being experienced with climate change is expected to allow some pests, disease-carrying insects and other animals, and invasive non-native species, to extend their range. Risks from new and emerging pests and diseases, and invasive non-native species, are high for Kew Gardens' landscape and collections.

4.8. Social/Cultural uses of heritage

4.8.1 - Ritual/Spiritual/Religious and associative uses

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.8.2 - Society's valuing of heritage

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.8.3 - Indigenous hunting, gathering and collecting

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.8.4 - Changes in traditional ways of life and knowledge system

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

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

Previous answer Cycle 2 (25/07/2013):

- Not relevant











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

4.8.6 - Impacts of tourism/Visitation/Recreation

Previous answer Cycle 2 (25/07/2013):

- Relevant, Positive, Negative, Current, Potential, Inside

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

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

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

Interpretation and wayfinding on site has significantly improved and continues to be developed under the Interpretation Masterplan.

4.9. Other human activities

4.9.1 - Illegal activities

Previous answer Cycle 2 (25/07/2013):

- Relevant, Negative, Potential, Inside

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

4.9.2 - Deliberate destruction of heritage

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.9.3 - Military training

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.9.4 - War

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.9.5 - Terrorism

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.9.6 - Civil unrest

Previous answer Cycle 2 (25/07/2013):

- Not relevant

| | |
|----------|----------------|
| Relevant | ✕ 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

Theft of plants from the Living Collections has occurred, but is infrequent.






4.10. Climate change and severe weather events

4.10.1 - Storms

Previous answer Cycle 2 (25/07/2013):

- Relevant, Negative, Current, Potential, Outside

| ✕ 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 (25/07/2013):

- Relevant, Negative, Potential, Outside

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

4.10.3 - Drought

Previous answer Cycle 2 (25/07/2013):

- Relevant, Negative, Potential, Outside

|  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 (25/07/2013):

- Not relevant

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

4.10.5 - Changes to oceanic waters

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.10.6 - Temperature change

Previous answer Cycle 2 (25/07/2013):

- Relevant, Positive, Negative, Potential, Outside

|  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 (25/07/2013):

- Relevant, Positive, Negative, Potential, Outside

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


There is an increase in the incidence of more extreme weather conditions including heavy rainfall, high winds and drought, which could harm the landscape and collections with time.

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.11.2 - Earthquake

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.11.3 - Tsunami/Tidal wave

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (25/07/2013):

- Relevant, Negative, Potential, Inside

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

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

4.12. Invasive/alien species or hyper-abundant species

4.12.1 - Translocated species

Previous answer Cycle 2 (25/07/2013):

- Relevant, Negative, Potential, Outside

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

4.12.2 - Invasive/Alien terrestrial species

Previous answer Cycle 2 (25/07/2013):

- Relevant, Negative, Current, Outside

| | | | | | | | |
|--------------|-----------|-------------|----------|--------------|-----------------|----------|--------------|
| ✕ 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 (25/07/2013):

- Not relevant

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

4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (25/07/2013):

- Not relevant

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

4.12.6 - Modified genetic material

Previous answer Cycle 2 (25/07/2013):

- Not relevant

| | |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> 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

Plant pests and diseases pose an ongoing threat to Kew's Living Collections, these include Ash dieback, Acute oak decline, Fireblight, Oak processionary moth, Box caterpillar and Sweet Chestnut Gall among others.

4.13. Management and institutional factors












4.13.1 - Management system/Management plan

| | |
|--|--------------|
| <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 | | | | | | | |










4.13.2 - Legal framework

| | |
|--|--------------|
| <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"/> | <input checked="" type="checkbox"/> | |  | |
|  Negative <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |  | |

4.13.3 - Governance

| | |
|--|--------------|
| <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"/> | <input checked="" type="checkbox"/> | |  | |
|  Negative | | | | | | | |

4.13.4 - Management activities

Previous answer Cycle 2 (25/07/2013):




- Relevant, Positive, Current, Inside






| | |
|--|--------------|
| <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 | | | | | | | |

4.13.5 - Financial resources

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

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

| | | | | | | | |
|--|--|---|---|--|--|--|---|
|  Positive  |  | |  | | |  | |
|  Negative  | |  |  | | | |  |

4.13.6 - Human resources

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

4.13.7 - Low impact research/monitoring activities

Previous answer Cycle 2 (25/07/2013):

- Relevant, Positive, Current, Inside

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

4.13.8 - High impact research/monitoring activities

Previous answer Cycle 2 (25/07/2013):

- Relevant, Positive, Current, Inside

| | |
|----------|--|
| Relevant |  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 | | | | | | |
| 4.1.1 Housing | | | | | | |
| |  |  |  | |  |  |
| 4.1.2 Commercial development | | | | | | |
| |  |  |  | |  |  |
| 4.1.5 Interpretative and visitation facilities |  |  | |  | |  |
| | | | | | | |
| 4.2 Transportation Infrastructure | | | | | | |
| 4.2.1 Ground transport infrastructure | | | | | | |
| |  |  | |  | |  |
| 4.2.5 Effects arising from use of transportation infrastructure | | | | | | |
| |  |  | | |  |  |
| 4.3 Services Infrastructures | | | | | | |
| 4.3.1 Water infrastructure |  |  | |  | |  |
| | | | | | | |
| 4.3.2 Renewable energy facilities |  |  | |  | |  |





| | | | | | | |
|---|--|--|--|--|--|--|
| | | | | | | |
| 4.3.4 Localised utilities | | | | | | |
| | | | | | | |
| 4.4 Pollution | | | | | | |
| 4.4.4 Air pollution | | | | | | |
| | | | | | | |
| 4.4.6 Input of excess energy | | | | | | |
| | | | | | | |
| 4.5 Biological resource use/modification | | | | | | |
| 4.5.5 Crop production | | | | | | |
| | | | | | | |
| 4.5.6 Commercial wild plant collection | | | | | | |
| | | | | | | |
| 4.5.10 Forestry/Wood production | | | | | | |
| | | | | | | |
| 4.7 Local conditions affecting physical fabric | | | | | | |
| 4.7.2 Relative humidity | | | | | | |
| | | | | | | |
| 4.7.3 Temperature | | | | | | |
| | | | | | | |
| 4.7.6 Water (rain/water table) | | | | | | |
| | | | | | | |
| 4.7.7 Pests | | | | | | |
| | | | | | | |
| 4.7.8 Micro-organisms | | | | | | |
| | | | | | | |
| 4.8 Social/Cultural uses of heritage | | | | | | |
| 4.8.6 Impacts of tourism/Visitation/Recreation | | | | | | |
| | | | | | | |
| 4.9 Other human activities | | | | | | |
| 4.9.1 Illegal activities | | | | | | |
| | | | | | | |
| 4.10 Climate change and severe weather events | | | | | | |
| 4.10.1 Storms | | | | | | |
| | | | | | | |
| 4.10.2 Flooding | | | | | | |
| | | | | | | |
| 4.10.3 Drought | | | | | | |
| | | | | | | |
| 4.10.6 Temperature change | | | | | | |
| | | | | | | |
| 4.12 Invasive/alien species or hyper-abundant species | | | | | | |

| | | | | | | |
|--|---|---|---|---|---|---|
| 4.12.1 Translocated species | | | | | | |
| |  |  | | |  |  |
| 4.12.2 Invasive/Alien terrestrial species | | | | | | |
| |  |  | | |  |  |
| 4.13 Management and institutional factors | | | | | | |
| 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 |  |  | |  | |  |
| | | | | | | |
| Legend  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 |
|---|--------------------------|---|---|---|--------|---|---|
| 4.1.1 Housing | | | | | | | |
| | |  |  |  | |  |  |
| Spatial scale - Area affected by the factor | | | | | | | |
| | Restricted | | | | | | |
| ✕ | Localised | | | | | | |
| | Extensive | | | | | | |
| | Widespread | | | | | | |
| Temporal scale - Occurence of the impact | | | | | | | |
| | One off or rare | | | | | | |
| | Intermittent or sporadic | | | | | | |
| | Frequent | | | | | | |
| ✕ | On-going | | | | | | |
| Impact - Impact on the attributes | | | | | | | |
| | Insignificant | | | | | | |
| ✕ | Minor | | | | | | |
| | Significant | | | | | | |

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



| Name | Impact | Origin | Trend |
|------------------------------|---|---|-------|
| 4.1.2 Commercial development | | | |
| |    |   | |

| | |
|--|------------|
| Spatial scale - Area affected by the factor | |
| | Restricted |
| ✕ | Localised |
| | Extensive |
| | Widespread |

| | |
|--|--------------------------|
| Temporal scale - Occurrence of the impact | |
| | One off or rare |
| | Intermittent or sporadic |
| | Frequent |
| ✕ | On-going |




| | |
|--|---------------|
| Impact - Impact on the attributes | |
| | Insignificant |
| ✕ | Minor |
| | Significant |
| | Major |

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

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





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

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

| Name | Impact | | | Origin | | Trend |
|---|---|---|--|--------|---|---|
| 4.2.5 Effects arising from use of transportation infrastructure | | | | | | |
| |  |  | | |  |  |

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

4.3 Services Infrastructures

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

| | | | | | | |
|----------------------------|--|--|--|--|--|--|
| 4.3.1 Water infrastructure | | | | | | |
| | | | | | | |

Spatial scale - Area affected by the factor

| | |
|---|------------|
| | Restricted |
| | Localised |
| ✕ | Extensive |
| | Widespread |

Temporal scale - Occurrence of the impact

| | |
|---|--------------------------|
| | One off or rare |
| | Intermittent or sporadic |
| | Frequent |
| ✕ | On-going |

Impact - Impact on the attributes

| | |
|---|---------------|
| ✕ | Insignificant |
| | Minor |
| | Significant |
| | Major |

Management response - Capacity of management to respond

| | |
|---|--------------------------------|
| | High capacity |
| ✕ | Medium capacity |
| | Low capacity |
| | No capacity and / or resources |

Trend - Development over the last 6 years

| | |
|---|------------|
| | Decreasing |
| | Static |
| ✕ | Increasing |

| Name | Impact | | | Origin | | Trend |
|-----------------------------------|--------|--|--|--------|--|-------|
| 4.3.2 Renewable energy facilities | | | | | | |
| | | | | | | |

Spatial scale - Area affected by the factor

| | |
|---|------------|
| ✕ | Restricted |
| | Localised |
| | Extensive |
| | Widespread |

Temporal scale - Occurrence of the impact

| | |
|---|--------------------------|
| | One off or rare |
| ✕ | Intermittent or sporadic |
| | Frequent |
| | On-going |

Impact - Impact on the attributes




| | |
|---|---------------|
| ✕ | Insignificant |
|---|---------------|

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




| Name | Impact | | | Origin | | Trend |
|---------------------------|--------|--|--|--------|--|-------|
| 4.3.4 Localised utilities | | | | | | |
| | | | | | | |

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

4.4 Pollution

| Name | Impact | Origin | Trend |
|---------------------|---|---|---|
| 4.4.4 Air pollution | | | |
| |  |  |  |

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

| Name | Impact | Origin | Trend |
|------------------------------|---|---|---|
| 4.4.6 Input of excess energy | | | |
| |  |  |  |





| Spatial scale - Area affected by the factor | |
|---|--------------------------|
| | Restricted |
| ✕ | Localised |
| | Extensive |
| | Widespread |
| Temporal scale - Occurrence of the impact | |
| | One off or rare |
| ✕ | Intermittent or sporadic |
| | Frequent |
| | On-going |
| Impact - Impact on the attributes | |

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

4.5 Biological resource use/modification

| Name | Impact | | | Origin | | Trend |
|-----------------------|--------|---|--|--------|--|-------|
| 4.5.5 Crop production | + | ! | | + | | ↑ |
| | | | | | | |

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

| Name | Impact | Origin | Trend |
|--|---|---|---|
| 4.5.6 Commercial wild plant collection |   |  |  |
| | | | |

Spatial scale - Area affected by the factor

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

| | |
|-------------------------------------|--------------------------------|
| <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 |
|---------------------------------|---|---|---|
| 4.5.10 Forestry/Wood production |   |  |  |
| | | | |

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



| Impact - Impact on the attributes | |
|---|--------------------------------|
| ✕ | Insignificant |
| | Minor |
| | Significant |
| | Major |
| Management response - Capacity of management to respond | |
| ✕ | High capacity |
| | Medium capacity |
| | Low capacity |
| | No capacity and / or resources |
| Trend - Development over the last 6 years | |
| | Decreasing |
| ✕ | Static |
| | Increasing |

4.7 Local conditions affecting physical fabric

| Name | Impact | | | Origin | | Trend |
|-------------------------|---|---|--|---|--|---|
| 4.7.2 Relative humidity | | | | | | |
| |  |  | |  | |  |

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

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

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

Spatial scale - Area affected by the factor

| | |
|---|------------|
| | Restricted |
| | Localised |
| | Extensive |
| ✕ | Widespread |

Temporal scale - Occurrence of the impact

| | |
|---|--------------------------|
| | One off or rare |
| ✕ | Intermittent or sporadic |
| | Frequent |
| | On-going |

Impact - Impact on the attributes




| | |
|---|---------------|
| | Insignificant |
| ✕ | Minor |
| | Significant |
| | Major |

Management response - Capacity of management to respond

| | |
|---|--------------------------------|
| | High capacity |
| | Medium capacity |
| | Low capacity |
| ✕ | No capacity and / or resources |

Trend - Development over the last 6 years

| | |
|---|------------|
| | Decreasing |
| | Static |
| ✕ | Increasing |

| Name | Impact | Origin | Trend |
|--------------------------------|---|---|---|
| 4.7.6 Water (rain/water table) | | | |
| |  |  |  |



Spatial scale - Area affected by the factor

| | |
|---|------------|
| | Restricted |
| | Localised |
| | Extensive |
| ✕ | Widespread |

Temporal scale - Occurrence of the impact

| | |
|---|--------------------------|
| ✕ | One off or rare |
| | Intermittent or sporadic |
| | Frequent |

| | |
|--|--------------------------------|
| | On-going |
| Impact - Impact on the attributes | |
| ✕ | Insignificant |
| | Minor |
| | Significant |
| | Major |
| Management response - Capacity of management to respond | |
| | High capacity |
| | Medium capacity |
| | Low capacity |
| ✕ | No capacity and / or resources |
| Trend - Development over the last 6 years | |
| | Decreasing |
| ✕ | Static |
| | Increasing |

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

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

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

| Name | Impact | Origin | Trend |
|-----------------------|--------|--------|-------|
| 4.7.8 Micro-organisms | | | |
| | | | |
| | | | |

| Spatial scale - Area affected by the factor | |
|---|------------|
| | Restricted |
| | Localised |
| | Extensive |
| | Widespread |

| Temporal scale - Occurrence of the impact | |
|---|--------------------------|
| | One off or rare |
| | Intermittent or sporadic |
| | Frequent |
| | On-going |

| Impact - Impact on the attributes | |
|-----------------------------------|---------------|
| | Insignificant |
| | Minor |
| | Significant |
| | Major |

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

| Trend - Development over the last 6 years | |
|---|------------|
| | Decreasing |
| | Static |
| | Increasing |

4.8 Social/Cultural uses of heritage





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

| Spatial scale - Area affected by the factor | |
|---|------------|
| | Restricted |
| | Localised |
| | Extensive |
| | Widespread |

| Temporal scale - Occurrence of the impact | |
|---|--------------------------|
| | One off or rare |
| | Intermittent or sporadic |

| | |
|---|--------------------------------|
| | Frequent |
| ✕ | On-going |
| Impact - Impact on the attributes | |
| ✕ | Insignificant |
| | Minor |
| | Significant |
| | Major |
| Management response - Capacity of management to respond | |
| | High capacity |
| ✕ | Medium capacity |
| | Low capacity |
| | No capacity and / or resources |
| Trend - Development over the last 6 years | |
| | Decreasing |
| | Static |
| ✕ | Increasing |

4.9 Other human activities

| Name | Impact | | | Origin | | Trend |
|--------------------------|---|---|--|---|--|---|
| 4.9.1 Illegal activities | | | | | | |
| |  |  | |  | |  |

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

| | |
|---|------------|
| ✕ | Decreasing |
| | Static |
| | Increasing |

4.10 Climate change and severe weather events

| Name | Impact | Origin | Trend |
|---------------|--------|--------|-------|
| 4.10.1 Storms | | | |
| | ⊖ | 📌 | ⬆️ |

Spatial scale - Area affected by the factor

| | |
|---|------------|
| | Restricted |
| | Localised |
| | Extensive |
| ✕ | Widespread |

Temporal scale - Occurrence of the impact

| | |
|---|--------------------------|
| ✕ | One off or rare |
| | Intermittent or sporadic |
| | Frequent |
| | On-going |

Impact - Impact on the attributes

| | |
|---|---------------|
| | Insignificant |
| | Minor |
| ✕ | Significant |
| | Major |

Management response - Capacity of management to respond

| | |
|---|--------------------------------|
| | High capacity |
| ✕ | Medium capacity |
| | Low capacity |
| | No capacity and / or resources |

Trend - Development over the last 6 years





| | |
|---|------------|
| | Decreasing |
| | Static |
| ✕ | Increasing |

| Name | Impact | Origin | Trend |
|-----------------|--------|--------|-------|
| 4.10.2 Flooding | | | |
| | ⊖ | 📌 | ⬆️ |

Spatial scale - Area affected by the factor





| | |
|---|------------|
| | Restricted |
| ✕ | Localised |
| | Extensive |
| | 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 checked="" 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 |
|----------------|---|---|--|---|--|---|
| 4.10.3 Drought | | | | | | |
| |  |  | |  | |  |

| 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 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 |
| <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 |

| | |
|--|--------------------------------|
| | No capacity and / or resources |
| Trend - Development over the last 6 years | |
| | Decreasing |
| | Static |
| ✕ | Increasing |

| Name | Impact | | | Origin | | Trend |
|---------------------------|---|---|--|---|--|---|
| 4.10.6 Temperature change | | | | | | |
| |  |  | |  | |  |

Spatial scale - Area affected by the factor

| | |
|---|------------|
| | Restricted |
| | Localised |
| | Extensive |
| ✕ | Widespread |

Temporal scale - Occurrence of the impact

| | |
|---|--------------------------|
| | One off or rare |
| ✕ | Intermittent or sporadic |
| | Frequent |
| | On-going |

Impact - Impact on the attributes

| | |
|---|---------------|
| | Insignificant |
| ✕ | Minor |
| | Significant |
| | Major |




Management response - Capacity of management to respond

| | |
|---|--------------------------------|
| | High capacity |
| | Medium capacity |
| ✕ | Low capacity |
| | No capacity and / or resources |

Trend - Development over the last 6 years

| | |
|---|------------|
| | Decreasing |
| | Static |
| ✕ | Increasing |



4.12 Invasive/alien species or hyper-abundant species

| Name | Impact | | | Origin | | Trend |
|-----------------------------|---|---|--|--------|---|---|
| 4.12.1 Translocated species | | | | | | |
| |  |  | | |  |  |

Spatial scale - Area affected by the factor

| | |
|---|------------|
| | Restricted |
| | Localised |
| ✕ | Extensive |




| | |
|--|--------------------------------|
| | Widespread |
| Temporal scale - Occurrence of the impact | |
| | One off or rare |
| ✕ | Intermittent or sporadic |
| | Frequent |
| | On-going |
| Impact - Impact on the attributes | |
| | Insignificant |
| ✕ | Minor |
| | Significant |
| | Major |
| Management response - Capacity of management to respond | |
| | High capacity |
| ✕ | Medium capacity |
| | Low capacity |
| | No capacity and / or resources |
| Trend - Development over the last 6 years | |
| | Decreasing |
| | Static |
| ✕ | Increasing |

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

| | |
|--|--------------------------|
| Spatial scale - Area affected by the factor | |
| | Restricted |
| ✕ | Localised |
| | Extensive |
| | Widespread |
| Temporal scale - Occurrence of the impact | |
| | One off or rare |
| ✕ | Intermittent or sporadic |
| | Frequent |
| | On-going |
| Impact - Impact on the attributes | |
| ✕ | Insignificant |
| | Minor |
| | Significant |
| | Major |
| Management response - Capacity of management to respond | |
| ✕ | High capacity |
| | Medium capacity |

| | |
|--|--------------------------------|
| | Low capacity |
| | No capacity and / or resources |
| Trend - Development over the last 6 years | |
| | Decreasing |
| | Static |
| ✕ | 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 | |
| | Restricted |
| | Localised |
| | Extensive |
| ✕ | Widespread |

| | |
|--|--------------------------|
| Temporal scale - Occurrence of the impact | |
| | One off or rare |
| | Intermittent or sporadic |
| | Frequent |
| ✕ | On-going |

| | |
|--|---------------|
| Impact - Impact on the attributes | |
| ✕ | Insignificant |
| | Minor |
| | Significant |
| | Major |






| | |
|--|--------------------------------|
| Management response - Capacity of management to respond | |
| ✕ | High capacity |
| | Medium capacity |
| | Low capacity |
| | No capacity and / or resources |

| | |
|--|------------|
| Trend - Development over the last 6 years | |
| | Decreasing |
| | Static |
| ✕ | Increasing |

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





| | |
|--|------------|
| Spatial scale - Area affected by the factor | |
| | Restricted |
| | Localised |

| | |
|---|--------------------------------|
| | Extensive |
| ✕ | Widespread |
| Temporal scale - Occurrence of the impact | |
| | One off or rare |
| | Intermittent or sporadic |
| ✕ | Frequent |
| | On-going |
| Impact - Impact on the attributes | |
| | Insignificant |
| ✕ | Minor |
| | Significant |
| | Major |
| Management response - Capacity of management to respond | |
| | High capacity |
| ✕ | Medium capacity |
| | Low capacity |
| | No capacity and / or resources |
| Trend - Development over the last 6 years | |
| | Decreasing |
| ✕ | Static |
| | Increasing |

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

| | |
|---|--------------------------|
| Spatial scale - Area affected by the factor | |
| | Restricted |
| | Localised |
| | Extensive |
| ✕ | Widespread |
| Temporal scale - Occurrence of the impact | |
| | One off or rare |
| | Intermittent or sporadic |
| ✕ | Frequent |
| | On-going |
| Impact - Impact on the attributes | |
| ✕ | Insignificant |
| | Minor |
| | Significant |
| | Major |
| Management response - Capacity of management to respond | |
| ✕ | High capacity |

| | |
|--|--------------------------------|
| | Medium capacity |
| | Low capacity |
| | No capacity and / or resources |
| Trend - Development over the last 6 years | |
| | Decreasing |
| ✕ | Static |
| | Increasing |

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








| | |
|--|------------|
| Spatial scale - Area affected by the factor | |
| | Restricted |
| | Localised |
| | Extensive |
| ✕ | Widespread |

| | |
|--|--------------------------|
| Temporal scale - Occurrence of the impact | |
| | One off or rare |
| | Intermittent or sporadic |
| | Frequent |
| ✕ | On-going |

| | |
|--|---------------|
| Impact - Impact on the attributes | |
| | Insignificant |
| ✕ | Minor |
| | Significant |
| | Major |



| | |
|--|--------------------------------|
| Management response - Capacity of management to respond | |
| ✕ | High capacity |
| | Medium capacity |
| | Low capacity |
| | No capacity and / or resources |

| | |
|--|------------|
| Trend - Development over the last 6 years | |
| | Decreasing |
| ✕ | Static |
| | Increasing |

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





| | |
|--|------------|
| Spatial scale - Area affected by the factor | |
| | Restricted |
| | Localised |

| | |
|--|--------------------------------|
| | Extensive |
| ✕ | Widespread |
| Temporal scale - Occurrence of the impact | |
| | One off or rare |
| | Intermittent or sporadic |
| | Frequent |
| ✕ | On-going |
| Impact - Impact on the attributes | |
| | Insignificant |
| ✕ | Minor |
| | Significant |
| | Major |
| Management response - Capacity of management to respond | |
| | High capacity |
| ✕ | Medium capacity |
| | Low capacity |
| | No capacity and / or resources |
| Trend - Development over the last 6 years | |
| | Decreasing |
| | Static |
| ✕ | Increasing |

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

| | |
|--|--------------------------|
| Spatial scale - Area affected by the factor | |
| | Restricted |
| | Localised |
| | Extensive |
| ✕ | Widespread |
| Temporal scale - Occurrence of the impact | |
| | One off or rare |
| | Intermittent or sporadic |
| | Frequent |
| ✕ | On-going |
| Impact - Impact on the attributes | |
| ✕ | Insignificant |
| | Minor |
| | Significant |
| | Major |
| Management response - Capacity of management to respond | |
| ✕ | High capacity |

| | |
|--|--------------------------------|
| | Medium capacity |
| | Low capacity |
| | No capacity and / or resources |
| Trend - Development over the last 6 years | |
| | Decreasing |
| ✕ | Static |
| | Increasing |

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

| | |
|--|------------|
| Spatial scale - Area affected by the factor | |
| | Restricted |
| | Localised |
| | Extensive |
| ✕ | Widespread |

| | |
|--|--------------------------|
| Temporal scale - Occurrence of the impact | |
| | One off or rare |
| ✕ | Intermittent or sporadic |
| | Frequent |
| | On-going |

| | |
|--|---------------|
| Impact - Impact on the attributes | |
| ✕ | Insignificant |
| | Minor |
| | Significant |
| | Major |

| | |
|--|--------------------------------|
| Management response - Capacity of management to respond | |
| ✕ | High capacity |
| | Medium capacity |
| | Low capacity |
| | No capacity and / or resources |

| | |
|--|------------|
| Trend - Development over the last 6 years | |
| | Decreasing |
| ✕ | 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 A rich and diverse historic cultural landscape providing a palimpsest of landscape design | | ✕ | | |

| | | | | | |
|----------|---|---|---|--|--|
| 4.18.1.2 | An iconic architectural legacy | | × | | |
| 4.18.1.3 | Globally important preserved and living plant collections | × | | | |
| 4.18.1.4 | A horticultural heritage of keynote species and collections | × | | | |
| 4.18.1.5 | Key contributions to developments in plant science and plant taxonomy | × | | | |

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 **do not limit the ability to maintain** the property's Outstanding Universal Value but they **could be improved**

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 buffer zones **do not limit** the ability to maintain the property's Outstanding Universal Value but they could be improved

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

The buffer zones of the World Heritage property **are known and recognised by both** the management authority and local communities/landowners

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

The buffer zone incorporates areas of land immediately associated with the WHS but not all areas of land that relate to the setting of the WHS or where change could affect OUV. Development outside the buffer zone continues to have the potential to impact OUV, but change to the buffer zone is unlikely to address this concern. The boundary and buffer zone of the WHS is being kept under review, but maintenance of OUV in this context is also dependent on the application of national planning policy.

5.2. Protective Measures

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

The Royal Botanic Gardens, Kew is the property of The Crown Estate, managed by the Trustees of the Royal Botanic Gardens, Kew. Kew Palace and Queen Charlotte's Cottage are owned by HM Queen Elizabeth on behalf of the nation and are managed by Historic Royal Palaces

The Royal Botanic Gardens has adequate protective measures in place. However new development carried out within the buffer zone (and beyond) since inscription has harmed OUV.

The Mayor of London has produced Supplementary Planning Guidance (March 2012) on the protection of the settings of World Heritage Sites in London. However the boroughs of Richmond and Hounslow have still to incorporate relevant policies of the 2011 WHS Management Plan within their Local Development Frameworks.

The extent of the property follows the current administrative delimitation of the Royal Botanic Gardens of Kew (except for Little Kew Green) and also includes Kew Palace and Queen Charlotte's Cottage, which are placed under the protection of Historic Royal Palaces. The whole of the property proposed for inscription is included in a conservation zone designated by the London Borough of Richmond upon Thames. Another part of the buffer zone territory is protected by the conservation zone of the London Borough of Hounslow. The permits needed to carry out works or change functions are subject to the approval of these local authorities, which in the case of historic buildings and zones, consult English Heritage. 44 buildings and structures situated on the site have been listed as buildings of special architectural and historical interest by the Secretary of State for Culture, Media and Sport. All listed buildings are protected by the 1990 Listed Buildings and Conservation Zones Act. This law provides statutory protection to the building, its characteristics and its environment. The whole of the property proposed for inscription is Level 1 listed on the English Heritage register of parks and gardens, because of its exceptional historic interest. English Heritage and the Garden History Society must be consulted when a permit application is made concerning an intervention on the listed gardens and their environment. Kew Gardens are also protected by Richmond upon Thames from the viewpoint of nature conservation. Protection of the buffer zone (Old Deer Park, a royal estate south of Kew Gardens, Sion Park on the opposite bank of the Thames, the river from Isleworth Ferry Gate to Kew Bridge, the historic centre of Kew Green with the adjacent buildings and the church, and then to the east, the built-up sectors of 19th and 20th century houses) is granted at various levels by the individual development plans of the two boroughs mentioned above.

Source: Advisory Body Evaluation; Periodic Reporting Cycle 2

Comment

The RBG Kew estate is the hereditary property of the Crown, managed by RBG Kew on behalf of the Secretary of State for Defra. Whilst RBG Kew has management control of the land, the 1984 Ministerial Direction and Kew Gardens Leases Act 2019 applies some restrictions to its use. Four of the historic properties on site are under the care of Historic Royal Palaces who are contracted by the SoS for DCMS to manage them on behalf of the Crown. Further text in this section needs updating. Please refer to the State Party's Section I questionnaire for a list of national legislation relevant to UK World Heritage Sites.

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

1983 / National Heritage Act / Section 23 of the National Heritage Act 1983, sets out the statutory functions and powers of RBG Kew / <https://www.legislation.gov.uk/ukpga/1983/47/crossheading/royal-botanic-gardens-kew>

2019 / Kew Gardens (Leases) Act / An Act to provide that the Secretary of State's powers in relation to the management of the Royal Botanic Gardens, Kew, include the power to grant a lease in respect of land for a period of up to 150 years. / <https://www.legislation.gov.uk/ukpga/2019/25/enacted/data.htm>

2022 / Royal Botanic Gardens, Kew framework document / The framework document sets out the broad governance framework within which the RBG Kew and Defra operate. / <https://www.gov.uk/government/publications/royal-botanic-gardens-kew-framework-document/royal-botanic-gardens-kew-framework-document>

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?
An **adequate legal framework** for maintaining of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists **but there are some deficiencies in implementation**

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?
An **adequate legal framework** in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists **but there are some deficiencies in implementation**

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?
An **adequate legal framework** exists for the broader setting of the World Heritage property, **but there are some deficiencies in implementation** which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property

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
The effective implementation of legislation and national, London-wide and local planning policy provides the primary mechanism for managing change within and in the setting of the WHS. As the Planning Policy framework allows for a degree of harm to be accepted should the public benefits of the proposals outweigh the harm, there have been some decisions that have resulted in harm to the WHS, but were assessed as being outweighed by benefits.

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 national/ 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. |
| Other forms of statutory or non-statutory plans (e.g. strategic plans) |
| Agreed 'Memorandums of Understanding' between different managing institutions, groups or others, including documents agreed with local communities for management |
| An integrated management plan combining World Heritage and any other designations |
| A management plan |
| An annual work plan or business plan |
| A disaster, climate or conflict risk management plan |
| An environmental management framework |

5.3.3 - Please give a brief description of the management system currently in place at your property
As an organisation, RBG Kew has well-developed objectives and departmental strategies, which are referenced in and linked to Kew's World Heritage Site Management Plan. The primary purpose of Kew's WHS Management Plan is to bring together the key strands of each departmental strategy into a single document, setting the management framework for sustaining the OUV of the WHS.

5.3.4 - Management Documents

| Title | Status | Available | Date | Link to source |
|---|--------|-----------|------|---|
| Royal Botanic Gardens, Kew World Heritage Site Management Plan 2014 | N/A | Available | 2014 |  |

Comment
World Heritage Site Management Plan 2020 - 2025 https://www.kew.org/sites/default/files/2022-06/14401_WHS_Management_Plan_2022.pdf

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?
No use has been made of 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.

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 ?

No 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**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 **adequate coordination** between all bodies/levels involved in the management of the property

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?

An annual work/action plan **exists** and many of its activities are being implemented

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 | ✗ | | | | |
| | 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 | | | | ✗ | |
| 5.3.16.2 | Local/Municipal authorities | | | | | ✗ |
| 5.3.16.3 | Indigenous peoples | ✗ | | | | |
| 5.3.16.4 | Landowners | ✗ | | | | |
| 5.3.16.5 | Women | | | | | ✗ |
| 5.3.16.6 | Youth/Children | | | | | ✗ |
| 5.3.16.7 | Researchers | | | | | ✗ |
| 5.3.16.8 | Local Visitors/Tourists | | | | ✗ | |
| 5.3.16.9 | National/International tourists | | | | ✗ | |
| 5.3.16.10 | Tourism Industry | | | | ✗ | |
| 5.3.16.11 | Local businesses and industries | ✗ | | | | |
| 5.3.16.12 | NGOs | ✗ | | | | |
| 5.3.16.13 | Other specific groups | ✗ | | | | |
| | 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 | | | | × | |
| 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) | | | | × | |
| 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 | | | | × | |
| 5.3.17.4 | The management system of the property integrates a human rights-based approach | | | | × | |
| 5.3.17.5 | The management system of the property contributes to fostering inclusive local economic development, and to enhancing livelihood | | | | × | |
| 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 | × | | | | |

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

RBG Kew is committed to upholding UK, European and international law in respect of human rights, cultural diversity, inclusion, equity and gender equality as well as enhancing quality of life and wellbeing for all its visitors, staff, students and volunteers. RBG Kew recognises the value of the community and ecosystem services provided by the Thames landscape and will continue to support projects with external partners to improve biodiversity and flood risk management.

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

Kew's Management Plan brings together the policies and aspirations of a number of RBG Kew departments and external bodies involved with the Kew WHS. In order to achieve the protection of the WHS through the conservation of its OUV, an integrated approach to managing the WHS is required, where it is recognised that not all of the Plan's aims are solely within the control of RBG Kew to implement. The support of the WHS's key external partners is critical to the success of the Management 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) | 47 % | 33 % |
| 6.1.1.7 | Governmental (regional/provincial/state) | 0 % | 0 % |
| 6.1.1.8 | Governmental (local/municipal) | 0 % | 0 % |
| 6.1.1.9 | In-country donations (NGOs, foundations, etc.) | 50 % | 6 % |
| 6.1.1.10 | Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.) | 3 % | 34 % |
| 6.1.1.11 | Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.) | 0 % | 27 % |
| 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

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

The volatility of the UK economy and increases in operating costs (especially energy) present an ongoing challenge to the site's long-term financial security. This is being managed through efficiency savings, potential cost reduction scenarios, maintaining and increasing self-generated income and an ongoing dialogue with government on funding opportunities. Despite this, Kew's Executive Board have a strong degree of confidence that concerns are manageable and financial reserves are healthy.

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 | 38 % | 62 % |
| 6.1.6.2 | Women | 62 % | 38 % |
| | | Total 100 % | Total 100 % |

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

Human resources are **adequate** for management needs

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

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

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

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

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

No 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 fully implemented; **all technical skills are being transferred** to those managing the property locally

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

Kew aims to develop the skills and talent of all employees to enable them to deliver their objectives and help Kew achieve its goals, and, where possible, to help people develop their career. There is a Learning and Development Policy in place, implemented by a specialist Learning & Development team in HR who coordinate the face to face training at RBG Kew and provide support to staff with professional and team development.

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 **adequate**

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

7.3 - Are results from research programmes publicly available and disseminated?
Research results **are shared** widely **with active outreach** to local communities and national and international audiences

7.4 - Comments, conclusions and/or recommendations related to scientific studies and research projects
RBG Kew has over 300 highly skilled scientists, curators and technicians working on site, alongside extensive scientific collections. Kew's research is underpinned by a Science Strategy and over 100 global collaborative partnerships. More recently, RBG Kew has been developing a research plan focused on exploring Kew's histories as a scientific and cultural institution.

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 | Not applicable |
| Women | Fair |
| Youth/children | Fair |
| Researchers | Fair |
| Local visitors | Good |
| National/international tourists | Good |
| Tourism industry | Good |
| Local businesses and industries | Good |
| NGOs | Not applicable |
| 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 **planned and effective education and awareness programme** for children and youth that contributes to the protection of the World Heritage property

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

| |
|---------------------------------|
| Local communities |
| Women |
| Youth/children |
| Researchers |
| Local Visitors |
| National/international tourists |
| Tourism industry |

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 | Fair |
| Site museum | Fair |
| Information booths | Fair |
| Guided tours | Good |

| | |
|--|------------|
| Trails/routes | Good |
| Printed information materials | Good |
| Online (website, social media, etc.) | Good |
| Transportation facilities | Good |
| Other | Not needed |
| If 'Other' is selected, please specify | |

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

There is a need for improved visitor facilities across all the entrance ticketing facilities. Whilst the ticketing facility has been greatly improved with the introduction of online ticket sales, Victoria Gate frequently becomes congested at peak times. As the main point of entrance for our visitors, Victoria Gate does not give the sense of scale, quality and excitement that would be expected.

9. Visitor Management

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

1,518,906 / 1,587,733 / 1,184,063 / 1,875,812 / 1,704,497 /

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

Entry tickets and registries

Visitor surveys

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

One day (no overnight stay)

9.4 - Please provide the source of information

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

0 / 8.92 / 0 / 16.28 / 0 / 3.52 /

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 planned and **effective strategy** to manage visitors, tourism activity and its derived impacts on the World Heritage property

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 **effectively managed** and does not impact its Outstanding Universal Value

9.10 - Is the effectiveness of tourism management regularly monitored?

No

If a different system, please specify

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 **good cooperation** between those responsible for the World Heritage property and the tourism industry **to present the Outstanding Universal Value and increase appreciation**

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

The presentation and interpretation of the Outstanding Universal Value of the property **is acceptable** but improvements could be made

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?

Not applicable

If 'Yes', please specify

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

Not applicable

If 'Yes', please specify

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 **sufficient to define key indicators, but this has not been done**

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 | Not applicable |
| Women | Fair |
| Researchers | Fair |
| Tourism industry | Fair |
| Local businesses and industry | Not applicable |
| NGOs | Not applicable |
| 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?

No relevant Committee recommendations to implement

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

The principal means of monitoring is the meetings of the WHS Steering Group, which take place twice a year in May and November. The meetings are attended by representatives of RBG Kew, Historic Royal Palaces, Historic England, the Greater London Authority, London Borough of Richmond, London Borough of Hounslow, ICOMOS UK and others as required.

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

| | | |
|-------|--|---|
| 5.2 | Protective Measures | |
| 5.2.3 | An adequate legal framework for maintaining of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists but there are some deficiencies in implementation | ✗ |
| 5.2.4 | An adequate legal framework in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists but there are some deficiencies in implementation | ✗ |

| | | |
|--|---|---|
| 5.2.5 | An adequate legal framework exists for the broader setting of the World Heritage property and the buffer zone, but there are some deficiencies in implementation which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property | ✕ |
| 5.3 | Management System/Management Plan | |
| 5.3.5 | No use has been made of the Historic Urban Landscape Recommendation to develop policies and best practices for the protection of the property | ✕ |
| 5.3.7 | No use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property | ✕ |
| 5.3.9 | No use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property | ✕ |
| 6.1 | Funding | |
| 6.1.3 | The available budget is acceptable but could be further improved to fully meet the management needs of the World Heritage property | ✕ |
| 6.1.10 | No use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property | ✕ |
| 9 | Visitor Management | |
| 9.12 | The presentation and interpretation of the Outstanding Universal Value of the property is acceptable but improvements could be made | ✕ |
| 10 | Monitoring | |
| 10.2 | Information on the values of the World Heritage property is sufficient to define key indicators, but this has not been done | ✕ |
| Please select 0 more issues. | | |
| <input checked="" type="checkbox"/> 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 | | | | | | |
| 4.2.5 | Effects arising from use of transportation infrastructure | Criteria iv. Attributes i & ii | Continue to progress objectives 13.4.2 and actions 13.5.3 & 13.5.4 of the WHS Management Plan. | Continue to monitor progress on the WHS Management Plan Action Plan through the WHS Steering Group. | Ongoing | Royal Botanic Gardens, Kew - London Borough of Richmond, London Borough of Hounslow, Greater London Authority, Historic England | Proposed expansion of Heathrow alongside changes to flight paths has the potential to exacerbate the negative impact of aircraft noise on the setting of the WHS. It is important that this issue is considered and addressed in future plans. |
| 4.7 | Local conditions affecting physical fabric | | | | | | |
| 4.7.3 | Temperature | Criteria ii & iv. Attributes i, ii, iii & iv | Continue to progress objectives 5.4.1, 5.4.2 & 5.4.4 and actions 5.5.1 & 5.5.8 of the WHS Management Plan. | Continue to monitor progress on the WHS Management Plan Action Plan through the WHS Steering Group. | Ongoing | Royal Botanic Gardens, Kew | Temperatures on both 18 and 19 July 2022 exceeded 38°C in Kew Gardens and was far more intense than previous comparable heatwaves. This impacted the landscape, living collections and buildings operation. |
| 4.7.6 | Water (rain/water table) | Criteria ii & iv. Attributes i, ii, iii & iv | Continue to progress objectives 5.4.1, 5.4.2, 5.4.3, 5.4.4 and actions 5.5.1, 5.5.3, 5.5.5, 5.5.7 & 5.5.8 of the WHS Management Plan. | Continue to monitor progress on the WHS Management Plan Action Plan through the WHS Steering Group. | Ongoing | Royal Botanic Gardens, Kew - London Borough of Richmond, Thames Landscape Strategy, Environment Agency | There is an increasing flood risk along the section of the Thames that Kew Gardens is located due to future changes in the operation of the Thames Barrier and ongoing climate change impacts. |

| | | | | | | | |
|--------|--|---|---|---|---------|---|---|
| 4.7.7 | Pests | Criteria ii & iv. Attributes i, iii & iv | RBG Kew has a strict Biosecurity Policy which is designed to reduce the risks of the introduction of plant pests/diseases to the Kew site, or to the local environment from Kew. This applied and promoted across the site. | RBG Kew's biosecurity standards are enforced and monitored by a range of internal procedures. | Ongoing | Royal Botanic Gardens, Kew - Defra | As part of UK Government's Plant Biosecurity Strategy for Great Britain 2023-28, RBG Kew developed a new Kew plant health action plan and is signatory to the Public Engagement in Plant Health Accord linked to the strategy. |
| 4.7.8 | Micro-organisms | Criteria ii & iv. Attributes i, iii & iv | RBG Kew has a strict Biosecurity Policy which is designed to reduce the risks of the introduction of plant pests/diseases to the Kew site, or to the local environment from Kew. This applied and promoted across the site. | RBG Kew's biosecurity standards are enforced and monitored by a range of internal procedures. | Ongoing | Royal Botanic Gardens, Kew - Defra | As part of UK Government's Plant Biosecurity Strategy for Great Britain 2023-28, RBG Kew developed a new Kew plant health action plan and is signatory to the Public Engagement in Plant Health Accord linked to the strategy. |
| 4.10 | Climate change and severe weather events | | | | | | |
| 4.10.1 | Storms | Criteria ii & iv. Attributes i, ii, iii & iv | Continue to progress objectives 5.4.4, 9.4.5 and actions 5.5.8, 9.5.10 of the WHS Management Plan. | Continue to monitor progress on the WHS Management Plan Action Plan through the WHS Steering Group. | Ongoing | Royal Botanic Gardens, Kew | RBG Kew is currently developing a strategy for planting in its landscape under a changing climate (Kew's Landscape Succession Plan). The plan will apply our understanding of projected climate change to our choice of plants and planting layout. |
| 4.10.3 | Drought | Criteria ii & iv. Attributes i, ii, iii & iv | Continue to progress objectives 5.4.4, 9.4.2 and actions 5.5.1, 5.5.8, 9.5.3 of the WHS Management Plan. | Continue to monitor progress on the WHS Management Plan Action Plan through the WHS Steering Group. | Ongoing | Royal Botanic Gardens, Kew | Work has commenced on a landscape succession strategy. This strategy will place particular emphasis on steering Kew's tree collection and landscape towards a stronger future climate match and related resilience. |
| 4.10.6 | Temperature change | Criteria ii & iv. Attributes i, ii, iii & iv | Continue to progress objectives 5.4.1, 5.4.2 & 5.4.4 and actions 5.5.1 & 5.5.8 of the WHS Management Plan. | Continue to monitor progress on the WHS Management Plan Action Plan through the WHS Steering Group. | Ongoing | Royal Botanic Gardens, Kew | Kew Gardens is experiencing far more intense and frequent heatwaves, which has resulted in loss of some of the living collections. |
| 4.13 | Management and institutional factors | | | | | | |
| 4.13.2 | Legal framework | Criteria ii & iv. Attributes i & ii | Continue to progress objectives 13.4.1 & 13.4.2 and actions 13.5.1, 13.5.2, 13.5.3 & 13.5.4 of the WHS Management Plan. | Alongside Biannual Steering Group meetings, RBG Kew has quarterly meetings with external decision makers to discuss local developments and planning applications that will impact on the WHS. | Ongoing | Royal Botanic Gardens, Kew - London Borough of Richmond, London Borough of Hounslow, Greater London Authority, Historic England | RBG Kew continues to work with external partners to avoid further harm to the OUV of the WHS from unsympathetic development within the WHS buffer zone and wider setting. This is progressed through the Steering Group and by engaging in Local Planning Authority planning consultations. |
| 4.13.5 | Financial resources | Criteria ii, iii & iv. Attributes i, ii, iii, iv & v | Financial resourcing is managed through Kew's Finance Committee who make governance recommendations to the Board of Trustees and provide assurance that RBG Kew is run effectively and efficiently and has appropriate internal controls. | Finance Committee, Audit & Risk Committee and Remuneration & Nominations Committee | Ongoing | Royal Botanic Gardens, Kew - Defra | Concerns around long term financial resources are being managed by Kew's Executive Board through a programme of efficiency savings, potential cost reduction scenarios, a focus on both maintaining and |

increasing self-generated income, and ongoing dialogue with government on funding opportunities.

Summary - Factors affecting the Property completed

12.2. Summary - Management Needs

12.2.1 - Summary - Management Needs

| 5.2 | Protective Measures | | | | |
|-------|---|---|-----------|---|---|
| | | Actions | Timeframe | Lead agency (and others involved) | More info / comment |
| 5.2.3 | An adequate legal framework for maintaining of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists but there are some deficiencies in implementation | To promote awareness of the OUV of the WHS as a material consideration in planning decisions and that development should be designed so as not to cause adverse impacts on World Heritage Sites or their setting. | Ongoing | Royal Botanic Gardens, Kew - London Borough of Richmond upon Thames - London Borough of Hounslow - Greater London Authority - Historic England. | RBG Kew continues to work with external partners to avoid further harm to the OUV of the WHS from unsympathetic development within the WHS setting, but the public benefit of building development is sometimes determined to outweigh its harm. |
| 5.2.4 | An adequate legal framework in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists but there are some deficiencies in implementation | Review the existing buffer zone with external stakeholders to determine effectiveness, implementation and consider the need for any changes to its extent. | 1 year. | Royal Botanic Gardens, Kew - London Borough of Richmond upon Thames - London Borough of Hounslow - Greater London Authority - Historic England. | Development outside the buffer zone continues to impact OUV, but change to the buffer zone is unlikely to address this concern. Maintenance of OUV in this context is dependent on the application of national planning policy in favour of the WHS. |
| 5.2.5 | An adequate legal framework exists for the broader setting of the World Heritage property and the buffer zone, but there are some deficiencies in implementation which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property | To promote awareness of the OUV of the WHS as a material consideration in planning decisions and that development should be designed so as not to cause adverse impacts on World Heritage Sites or their setting. | Ongoing. | Royal Botanic Gardens, Kew - London Borough of Richmond upon Thames - London Borough of Hounslow - Greater London Authority - Historic England. | RBG Kew continues to work with external partners to avoid further harm to the OUV of the WHS from unsympathetic development within the WHS buffer zone and wider setting, but the public benefit of some developments sometimes outweighs their harm. |
| 5.3 | Management System/Management Plan | | | | |

| | | | | | |
|-------|--|---|--------|----------------------------|--|
| 5.3.5 | No use has been made of the Historic Urban Landscape Recommendation to develop policies and best practices for the protection of the property | Use of the Historic Urban Landscape Recommendation will be reviewed. | 1 year | Royal Botanic Gardens, Kew | There was limited awareness of this recommendation. |
| 5.3.7 | No use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property | Use of the Policy document 'Impacts of Climate Change on World Heritage Properties' will be reviewed. | 1 year | Royal Botanic Gardens, Kew | RBG Kew completed a Strategic Climate Change Adaptation (CCA) Plan in 2023, resulting in a Climate Change Adaptation Outline Plan and Recommendations Report and Climate Change Risk Register. |
| 5.3.9 | No use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property | Use of the Strategy for Reducing Risks from Disasters at World Heritage Properties will be reviewed. | 1 year | Royal Botanic Gardens, Kew | There was limited awareness of this recommendation. |

| | | | | | |
|--------|--|---|----------|-------------------------------------|---|
| 6.1 | Funding | | | | |
| 6.1.3 | The available budget is acceptable but could be further improved to fully meet the management needs of the World Heritage property | Budget concerns will continue to be managed through a programme of efficiency savings, potential cost reduction scenarios, maintaining and increasing self-generated income, and ongoing dialogue with government on funding opportunities. | Ongoing. | Royal Botanic Gardens, Kew - Defra. | Kew's Executive Board believe concerns are manageable and Kew's financial reserves are in a sufficiently healthy state. |
| 6.1.10 | No use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property | Use of the Strategy for Capacity Development will be reviewed. | 1 year. | Royal Botanic Gardens, Kew. | There was limited awareness of this strategy. |

| | | | | | |
|------|---|---|---------|-----------------------------|--|
| 9 | Visitor Management | | | | |
| 9.12 | The presentation and interpretation of the Outstanding Universal Value of the property is acceptable but improvements could be made | To embed Kew's core message and designation as a WHS at key points in the visitor experience. | 1 year. | Royal Botanic Gardens, Kew. | Progress on this objective is being made through Kew's wayfinding and interpretation strategy. |

| | | | | | |
|------|--|---|----------|-----------------------------|--|
| 10 | Monitoring | | | | |
| 10.2 | Information on the values of the World Heritage property is sufficient to define key indicators, but this has not been done | Key indicators will be defined as part of the next management plan development. | 2 years. | Royal Botanic Gardens, Kew. | Monitoring of key indicators will be integrated into the next WHS Management Plan. |

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 **has been compromised** by factors described in this report

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 impacted by factors described in this report, but this situation is being addressed through effective management actions.**

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

Other important cultural and/or natural values are being **partially degraded** but the state of conservation of the World Heritage property has **not been significantly impacted**

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

Development outside of the WHS and the WHS buffer zone has impacted certain attributes of OUV, but WHS OUV has otherwise been maintained. Restoration of key buildings and the sensitive introduction of new features to the landscape has also contributed to the improvement of the state of conservation.

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 | Very positive |
| Management effectiveness | Positive |
| Quality of life for local communities and indigenous peoples | No impact |
| Recognition | Positive |
| Education | Positive |
| Infrastructure development | No impact |
| Funding for the property | Very positive |
| International cooperation | Very positive |
| Political support for conservation | Very positive |
| Legal/Policy framework | Very positive |
| Advocacy | Positive |
| Institutional coordination | No impact |
| Security | Not applicable |
| Gender equality | No impact |
| 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 | No impact |
| Fostering inclusive local economic development and enhancing livelihood | Positive |
| Contributing to conflict prevention, including respect for cultural diversity within and around heritage properties | Not applicable |
| Other | Not applicable |
| If 'Other', please specify | |

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

RBG Kew has a strong national and international brand recognition independent of its WHS status, which has resulted in less WH promotion on site and in the local area. WH status has been relied upon more as a conservation tool.

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

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

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 concept of Integrity and/or Authenticity

The property's Integrity and/or Authenticity

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

| | |
|--|------|
| State Party | Fair |
| Site Managers | Fair |
| UNESCO World Heritage Centre | Fair |
| 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

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

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

5 / 2 / 10 /

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

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

15.4. Format and content of the Periodic Report

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

All 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 | | × | | |
| 15.4.2.2 | Clarity of questions | | × | | |

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

The text limit is too small and does not allow for feedback that captures the nuances of some of the issues affecting the WHS.

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

Fair

| | |
|--------------------------------------|----------------|
| UNESCO (other sectors/field offices) | Not applicable |
| UNESCO National Commission | Not applicable |
| ICOMOS International | Not applicable |
| IUCN International | Not applicable |
| ICCROM international/regional | Not applicable |
| ICOMOS national/regional | Not applicable |
| 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 | Fair |
| State Party Representative (national Focal Point) | Good |
| UNESCO other sectors (e.g. field office) | Not applicable |
| National Commission for UNESCO | Not applicable |
| ICOMOS International | Not applicable |
| ICCROM International/regional | Not applicable |
| ICOMOS national/regional | Not applicable |
| IUCN national/regional | Not applicable |
| IUCN International | Not applicable |

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

Yes

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: The World Heritage Centre identified in December 2022 that they did not hold an up-to-date clear map of the WHS which showed the delimitation of the property. The property produced a map as requested and are in the process of making amendments in line with comments from the World Heritage Centre, with support from Historic England. The revised map will be submitted for the approval of the World Heritage Committee at 46COM along with others from the UK State Party.

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.