



2025-2031 strategy: vision, goals and actions



Research, conservation and enhancement are the cornerstones of a vision that reimagines the cultural identity, making it relevant for today, to address critical issues. Through a future-facing lens

SWOT ANALYSIS OF THE SITE The following SWOT analysis summarizes the current state of the Site, its vulnerabilities and its potential. A close examination of these findings allows us to identify priorities around which to design the overall action strategy for the coming

period with an integrated plan encompassing consistent measures capable of overcoming (where possible) limitations, protecting the Site from threats and leveraging internal strengths and relevant opportunities to the greatest possible extent.

- Site's universal value, first university botanical garden in the world and sets the international standard for study and scientific research
- Value of plant heritage and historical collections
- Original architectural design and purpose ongoing since the 16th century
- Development of new spaces (Biodiversity Garden, Botanical Museum) that improve their conditions and capacity in terms of conservation, understanding and interpretation
- Run directly by a multidisciplinary university institution with suitable technical, management and scientific skills to ensure the Site's conservation, promotion and enhancement

Strenghts

- Synergy between Botanical Garden and "Padua's fourteenth-century fresco cycles" site and nearby cultural attractions
- Uniqueness and originality of Padua City of Art and Padua City of Science itineraries
- National Museum System accreditation
- Extent and quality of national and international relations in cultural and scientific research fields
- Lively local context that has a strong presence of entities and individuals who are active in cultural and social fields
- Central location of the setting relative to national and international cultural tourism routes
- Internal and external political and institutional support across multiple levels

Opportunities



Weaknesses

- Fragility of the plant heritage and archival and bibliographical heritage
- High general expenses for living and architectural heritage conservation and maintenance
- Physical accessibility restricted in some cases
- Limited amount of space available for developing new initiatives and activities
- Seasonal nature of tourism demand (peak visitor numbers March-June)

Threats

- Development pressure due to its location in a densely populated city
- Environmental risks and climate change
- General drop in public funding for research and university education
- Growth in cultural demand and supply at odds locally with the ability to cater to requirements in terms of visitor and hospitality services

3.1. The Site's vision and strategic objectives

The Botanical Garden is living heritage that brings together past, present and future. A centre for scientific research and biodiversity protection and conservation, it promotes the dissemination and sharing of knowledge and free expression of culture and art.

The framework of strategic objectives determined by the Convention for the protection of the World's Cultural and Natural Heritage (the "5 Cs") has informed the policies setting the direction for the Botanical Garden's actions over the next six years — Research, Conservation, Enhancement and associated specific strategic objectives to be pursued — which are perfectly in line with the principles on which the Site was founded and that earned the Site its World Heritage designation; principles that have remained its cornerstones, from its founding to the present day.



More specifically, the **Research** strategic objectives seek:

RESEARCH

- to learn about plant species and understand how they adapt to natural habitats to conserve the planet's endangered biological resources (**Biodiversity**)
- to promote collaborations and networks with international scientific institutions around common goals (**Relations**)
- to bring studies and protection procedures up to date with the aid of modern technologies that leverage DNA, remote sensing, AI (**Innovation**)

Conservation measures, aimed at protecting the Site's outstanding universal value, address the following strategic objectives:

CONSERVATION

- to maintain and develop the documentary, historical and plant heritage collections to preserve the richness of the planet and protect the architectural heritage (**Care**)
- to share knowledge and precious botanical material to foster tangible plant biodiversity conservation actions (**Exchange**)
- to actively set about making a difference in the environmentally responsible use of resources through targeted actions and complex strategies (**Sustainability**)

The main objective of **Enhancement** activities is to share quality scientific content with a wide and varied audience, at the same time promoting the recognized values of the World Heritage Site. The Botanical Garden's broad-ranging promotion and enhancement efforts are split into strategic lines of action, each with specific objectives, as outlined below:

ENHANCEMENT

Engagement

- to cultivate a sense of community among the public by extending the range of tools and opportunities to share and engage (**Belonging**)
- to cast the Garden as a living, accessible space for learning and exchange, tying in with a "for all" approach (**Inclusion**)
- to strengthen processes and actions involved in dealings with the public (**Welcoming**)

Dissemination

- to produce original content to foster the development of critical thinking and a culture of environmental and social responsibility (**Information**)
- to encourage learning about specific topics through a scientifically precise, direct and engaging approach (**Experience**)

- to set up routes to encourage visitors to explore and reconnect with the Garden and nature, presenting them as opportunities to learn and marvel (Discovery)

Promotion

- to cast the Garden as a place worth revisiting, encouraging users to make repeat visits and purchases (Engagement)
- to redefine the Garden's offering to capture the interest of different audiences (Attraction)
- to build the Garden's reputation as a go-to space for education and culture, which includes cultivating relationships and developing projects with bodies and institutions at a local, national and international level (Reputation)

Cross-pollination

- to help bring together the public and the natural world through interpretation and by leveraging artistic and performance disciplines (Languages)
- to offer an integrated approach that blends science, culture and arts to foster understanding of natural and social phenomena (Interdisciplinarity)
- to offer spaces and opportunities to site-specific projects that draw inspiration from reflections on Nature (Inspiration)

3.2 2025-2031 Action Plan

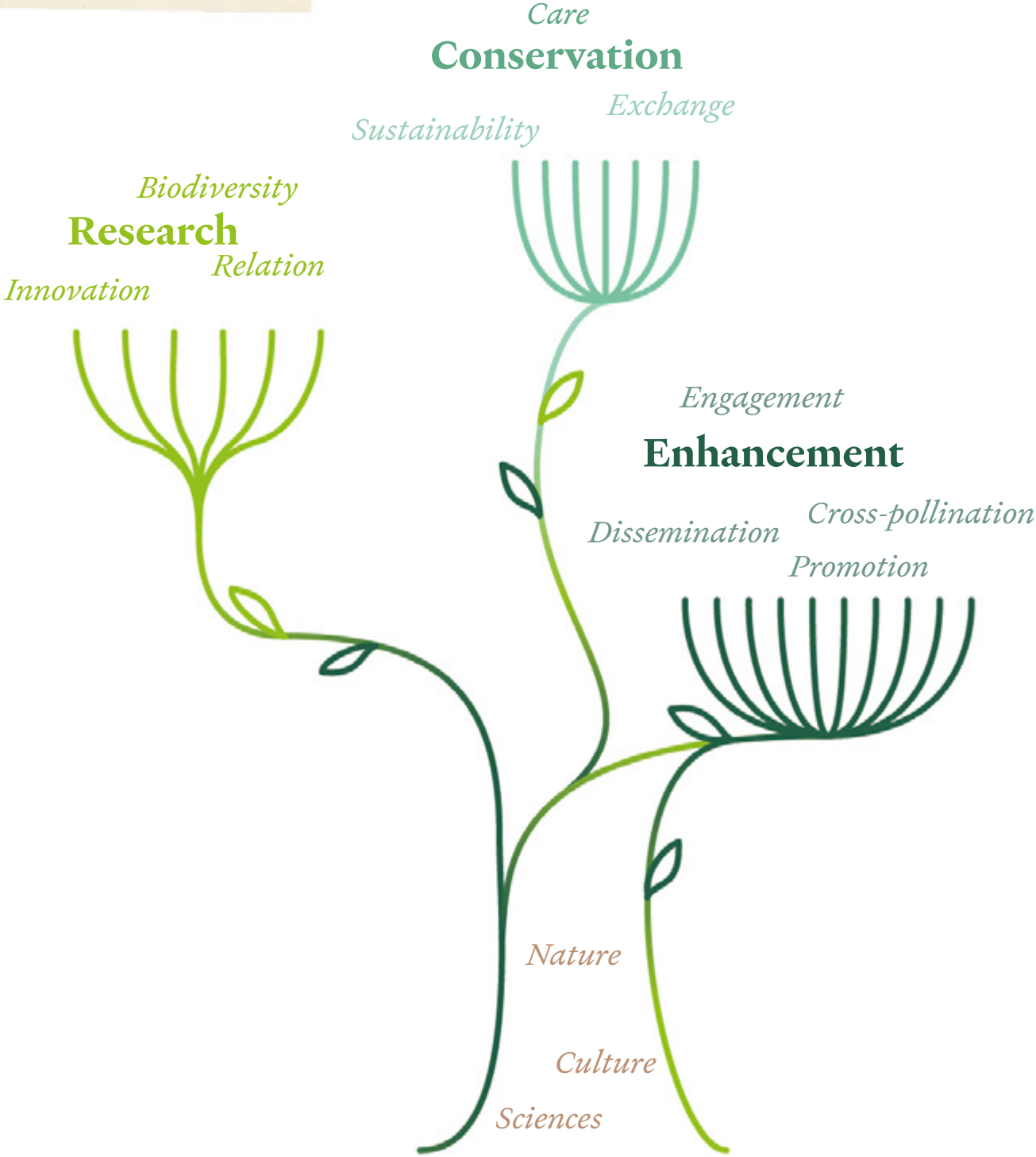
The Action Plan — summarized in the table below — addresses the critical issues identified in sect. 2.6, providing actionable solutions to the vision's strategic objectives for the next 6 years (see sect. 3.1).

The actions are divided up according to the "5 Cs" based on prevalence: Conservation (see 3.2.1), Community (see 3.2.2), Capacity building (see 3.2.3), Communication (see 3.2.4) and Credibility (see 4.4).

Actions are split into short (1 year), medium (3 years) and long term (6 years).

Some are identified as priority projects based on the significance of the specific objectives in the fields of conservation, research and promotion, on the resources used and on their centrality to the Site's development strategies.

Policies setting the direction for 2025-2031



Action plan

| | | network/local project | 5Cs | | | | | priority project | attributes | SDGs | short / medium / long term | core / buffer |
|----|--|-----------------------|--------------|-----------|-------------------|---------------|-------------|------------------|---------------|---------|----------------------------|---------------|
| | | | conservation | community | capacity building | communication | credibility | | | | | |
| 1 | Extension of the Buffer Zones | LOCAL | X | | | | x | | 2,3,7 | 11 | B | B |
| 2 | Revision of protection and management section of SOUV | LOCAL | X | | | | x | | 1,2,3,4,5,6,7 | 11 | M | C |
| 3 | Restoration and extension of propagation, conservation and quarantine greenhouses | LOCAL | X | | | | | yes | 7 | 9,11,15 | B | C_B |
| 4 | Repair, restoration and redesign of the Biodiversity Gardens visitor routes | LOCAL | X | | x | x | | yes | 1,2 | 4,13,15 | M | B |
| 5 | Restoration and maintenance of manmade stone structures and metalwork | LOCAL | X | | | | | | 7 | 11 | L | C |
| 6 | Repair of the roof on the Prefect's Residence | LOCAL | X | | | | | | 7 | 11,12 | L | C |
| 7 | Installation of the new lighting system | LOCAL | X | | | x | | | 1,7 | 11,12 | M | C |
| 8 | Disaster Risk Management Plan | LOCAL | X | | x | x | x | yes | 1,2,3,4,5,6,7 | 11,13 | B | C |
| 9 | Collection digitization and metadata management | LOCAL | X | x | x | x | | yes | 6 | 4,12 | B_M | C |
| 10 | University community Third Mission projects | NETWORK | | X | x | x | | | 1,2,3,4,5,6,7 | 4,11 | B_M_L | C_B |
| 11 | Annual call for collaborations and cultural activities to be initiated with local entities | NETWORK | | X | | x | x | | 1,2,3,4,5,6,7 | 11 | M_L | C_B |
| 12 | <i>The Botanical Garden of the University of Padua, living heritage</i> (call for funding under ERDF Regional Programme, action 4.6.1) | NETWORK | | X | x | x | | | 1,2,3,4,5,6,7 | 9,11,15 | B_M | C_B |

| | | network/local project | 5Cs | | | | | priority project | attributes | SDGs | short / medium / long term | core / buffer |
|----|--|-----------------------|--------------|-----------|-------------------|---------------|-------------|------------------|---------------|----------|----------------------------|---------------|
| | | | conservation | community | capacity building | communication | credibility | | | | | |
| 13 | Project with UNESCO-listed Gardens | NETWORK | x | X | x | x | x | | 1,2,3,4,5,6 | 4,13,15 | B_M_L | C_B |
| 14 | Education programme | LOCAL | | x | X | x | | yes | 1,2,3,4,5,6,7 | 4,11 | B_M_L | C_B |
| 15 | Training and ongoing refresher courses | LOCAL / NETWORK | | x | X | x | x | yes | 1,2,5,6,7 | 4,11,15 | B_M_L | C_B |
| 16 | Implementation of the Research Plan | LOCAL / NETWORK | x | x | X | x | x | yes | 1,2,3,6 | 4,13,15 | B_M | C_B |
| 17 | Implementation of the Architectural Barrier Elimination Plan | LOCAL | | x | X | x | x | yes | 5,6,7 | 10,11 | M_L | C_B |
| 18 | Accessibility of collections held by the Botanical Garden of Padua: the road to a "Garden for all" (Italian law Legge 77/2006 EF 2024) | LOCAL | | x | x | X | | | 2,3,7 | 10,11 | B_M | C_B |
| 19 | The Flower Festival (Festa dei fiori) | LOCAL / NETWORK | | x | | X | x | yes | 1,2,3,5,7 | 11,13,15 | M_L | C_B |
| 20 | Culture, art and science cross-pollination projects | NETWORK | | x | x | X | | | 1,2,3,5,7 | 4,11,15 | B_M_L | C_B |
| 21 | Development of local tourism promotion tools | NETWORK | | x | x | X | x | yes | 1,2,3,7 | 11 | B_M_L | C_B |
| 22 | Local advisory roundtables | NETWORK | | x | | x | X | yes | 1,2,3,4,5,6,7 | 11 | B_M_L | C_B |
| 23 | Visitor Management Plan | LOCAL / NETWORK | | x | | x | X | yes | 2,3,5,6,7 | 11,12 | M | C_B |
| 24 | Certification of event sustainability | LOCAL | | | x | x | X | | 1 | 11,12 | B | C_B |

3.2.1 PROTECTION SYSTEM AND STATE OF CONSERVATION.
RISK MANAGEMENT (CONSERVATION)

| ACTION1. Extension of the Buffer Zone | |
|---------------------------------------|--|
| Strategic objective | <ul style="list-style-type: none">To maintain and develop the documentary, historical and plant heritage collections to preserve the richness of the planet and protect the architectural heritage (<i>Care</i>) |
| Specific goals | <ul style="list-style-type: none">To optimize the Site's protection measuresTo combine the buffer zones of Padua's two World Heritage Sites |

Description of the project and planned activities

The project involves extending the Botanical Garden's buffer zone so that it coincides with the buffer zone of the city's other World Heritage Site, namely "Padua's fourteenth-century fresco cycles", which includes the whole of the old city centre. Despite the Site's current boundaries and Buffer Zone being deemed adequate to ensure the OUV is sustained, the application for a Minor Boundary Modification is intended to combine the boundaries of the two Buffer Zones and simplify the relevant protection measures given that, as things stand, the two Sites are already covered under the same urban planning regulations.

The planned activities are:

- to engage in preliminary consultation with Padua City Council;
- to fill out the application for the Minor Boundary Modification;
- to send the application to the Italian Ministry of Culture's UNESCO Department and to the World Heritage Centre for approval;
- to incorporate the new buffer zone into official maps and local regulatory instruments at the various levels.

| | | |
|--|--|--|
| Project location | <input type="checkbox"/> site | <input checked="" type="checkbox"/> Buffer zone |
| Project scope | <input type="checkbox"/> Network project | <input checked="" type="checkbox"/> Local project |
| Partners and/or stakeholders | Padua City Council | |
| Recipients | University of Padua | |
| Financial resources (identified or to be identified) | <input checked="" type="checkbox"/> own <input type="checkbox"/> third-party contributions | <input type="checkbox"/> regional <input checked="" type="checkbox"/> national <input type="checkbox"/> sponsorships <input type="checkbox"/> international |
| Budget | €10,000 | |
| Timeframes | Short term (2026-2027) | Length 18 months |
| Project status | <input checked="" type="checkbox"/> planned | <input type="checkbox"/> in execution phase |
| If planned | <input checked="" type="checkbox"/> implementation-ready <input type="checkbox"/> not implementation-ready (because) | |
| Replicability | <input type="checkbox"/> yes | <input checked="" type="checkbox"/> no |
| Indicators | <ul style="list-style-type: none">Minor Boundary Modification document drawn up (yes/no)New boundaries incorporated into Padua City Council urban planning (yes/no) | |
| UN Sustainable Development Goals captured | 11: Sustainable cities and communities | |
| Level of alignment with strategic objectives of UNIPD 2023-2027 Strategic Plan | Medium | |
| Environmental impact | High | Digital impact NA Gender impact NA |
| 5Cs | <input checked="" type="checkbox"/> conservation <input type="checkbox"/> communication | <input type="checkbox"/> community <input checked="" type="checkbox"/> credibility <input type="checkbox"/> capacity building |

| ACTION 2. Revision of protection and management section of SOUV | |
|---|--|
| Strategic objective | <ul style="list-style-type: none">To maintain and develop the documentary, historical and plant heritage collections to preserve the richness of the planet and protect the architectural heritage (<i>Care</i>) |
| Specific goals | <ul style="list-style-type: none">To bring the level of Site’s protection and governance up to date |

Description of the project and planned activities

The project entails updating the contents of the Statement of Outstanding Universal Value and, more specifically, the section describing the management structure and instruments in place to protect the Site. This section is currently not up to date and, especially following the extension of the Buffer Zone, it will need to be revised and the English version then submitted to the World Heritage Centre.

| | | |
|--|---|---|
| Project location | <input checked="" type="checkbox"/> site | <input type="checkbox"/> Buffer zone |
| Project scope | <input type="checkbox"/> Network project | <input checked="" type="checkbox"/> Local project |
| Partners and/or stakeholders | - | |
| Recipients | University of Padua | |
| Financial resources (identified or to be identified) | <input checked="" type="checkbox"/> own <input type="checkbox"/> third-party contributions | <input type="checkbox"/> regional <input type="checkbox"/> national <input type="checkbox"/> international <input type="checkbox"/> sponsorships |
| Budget | €5,000 | |
| Timeframes | Medium term (2028-2029) | Length 12 months |
| Project status | <input checked="" type="checkbox"/> planned | <input type="checkbox"/> in execution phase |
| If planned | <input type="checkbox"/> implementation-ready <input checked="" type="checkbox"/> not implementation-ready, until the buffer zone has been modified (see Action 1) | |
| Replicability | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no | |
| Indicators | <ul style="list-style-type: none">Text of section drawn up (yes/no)Text approved by World Heritage Centre (yes/no) | |
| UN Sustainable Development Goals captured | 11: Sustainable cities and communities | |
| Level of alignment with strategic objectives of UNIPD 2023-2027 Strategic Plan | Medium | |
| Environmental impact | NA | Digital impact NA Gender impact NA |
| 5Cs | <input checked="" type="checkbox"/> conservation <input type="checkbox"/> communication | <input type="checkbox"/> community <input checked="" type="checkbox"/> credibility <input type="checkbox"/> capacity building |

| ACTION 3. Restoration and extension of propagation, conservation and quarantine greenhouses | |
|---|--|
| Strategic objective | <ul style="list-style-type: none">To maintain and develop the documentary, historical and plant heritage collections to preserve the richness of the planet and protect the architectural heritage (<i>Care</i>)To actively set about making a difference in the environmentally responsible use of resources through targeted actions and complex strategies (<i>Sustainability</i>) |
| Specific goals | <ul style="list-style-type: none">To increase the functionality of plant growing and propagation spacesTo increase energy efficiency |

Description of the project and planned activities

The project involves:

- *Rebuilding the nursery's propagation greenhouses.* The current greenhouse will be replaced with two separate greenhouses with different temperature settings that will enable growing conditions to be optimized for species native to different climate zones. The new spaces will serve to increase the production of new plants to supplement and replace specimens in the garden. The addition of a new automated irrigation system that uses sensors to detect soil moisture levels will allow for more accurate watering, resulting in considerable water savings.
- *Restoration of the "orchid" greenhouse.* The goals of this project are to improve the collections' growing and conservation conditions, to bring the building up to safety standards, to reduce energy and water usage and to control lighting. The new greenhouse will also be designed to accommodate visitors.
- *Construction of a greenhouse for plant quarantine.* Boosting germplasm conservation and rare plant reproduction and distribution activities will necessarily entail increasing the exchange of plant material and ramping up specimen collection missions. A new quarantine greenhouse will be built to grow new arrivals in isolation until there is certainty around the absence of pathogens, with a special focus on those that qualify as "quarantine" pathogens under current European regulations.
- *Upgrade of structure to serve as a greenhouse for growing sciophilous plants.* With the aim of increasing and diversifying the species found in the Garden, sciophilous species will be housed in a small structure, currently used as a service building, that has been earmarked for restoration in order to provide the required growing conditions for the new plants.

| | | |
|--|---|---|
| Project location | <input checked="" type="checkbox"/> site | <input checked="" type="checkbox"/> Buffer zone |
| Project scope | <input type="checkbox"/> Network project | <input checked="" type="checkbox"/> Local project |
| Partners and/or stakeholders | Heritage Department (<i>Soprintendenza Archeologia, Belle Arti e Paesaggio</i>) for the provinces of Padua, Treviso and Belluno | |
| Recipients | In-house personnel and users of the Botanical Garden | |
| Financial resources (identified or to be identified) | <input checked="" type="checkbox"/> own <input type="checkbox"/> third-party contributions | <input type="checkbox"/> regional <input type="checkbox"/> national <input type="checkbox"/> international <input type="checkbox"/> sponsorships |
| Budget | €2,800,000 | |
| Timeframes | Short term (2025-2026) | Length 24 months |
| Project status | <input type="checkbox"/> planned | <input checked="" type="checkbox"/> in execution phase |
| If planned | <input checked="" type="checkbox"/> implementation-ready <input type="checkbox"/> not implementation-ready (because) | |
| Replicability | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no | |
| Indicators | <ul style="list-style-type: none">• No. of greenhouses produced• Timeline met | |
| UN Sustainable Development Goals captured | 9: Industry, innovation and infrastructure 11: Sustainable cities and communities 15: Life on land | |
| Level of alignment with strategic objectives of UNIPD 2023-2027 Strategic Plan | High | |
| Environmental impact | High | Digital impact NA Gender impact NA |
| 5Cs | <input checked="" type="checkbox"/> conservation <input type="checkbox"/> communication | <input type="checkbox"/> community <input type="checkbox"/> credibility <input type="checkbox"/> capacity building |

| ACTION 4. Repair, restoration and redesign of the Biodiversity Garden's visitor routes | |
|--|---|
| Strategic objective | <ul style="list-style-type: none">• To maintain and develop the documentary, historical and plant heritage collections to preserve the richness of the planet and protect the architectural heritage (<i>Care</i>)• To produce original content to foster the development of critical thinking and a culture of environmental and social responsibility (<i>Information</i>)• To actively set about making a difference in the environmentally responsible use of resources through targeted actions and complex strategies (<i>Sustainability</i>) |
| Specific goals | <ul style="list-style-type: none">• Ensure structures are safe and in efficient working order• Improve the greenhouses' climate control• Keep energy usage down• Increase the number of specimens in the plant collections• Update information content and come up with new ways for visitors to discover the plant world |

Description of the project and planned activities

- List of planned work:
- *Replacing the roof on the Biodiversity Garden*
The aim of the work is to replace the building's roof, which was damaged by an extreme event in 2019. The roof (with a total area of 5,000 sq m) is made from ETFE cushions and the plan is to retain this solution (which allows for the passage of UV rays) while introducing an additional safety layer designed to protect the building and the plant collections in the event it suffers hail damage or the outer covering is pierced.
 - *Re-engineering and replacing glazing*
The goal of the work is to solve the recurring problem of the facades' glass panels breaking; an issue that resulted in the building being closed to the public for technical assessment, starting in 2023. The technical assessment by order of the Court of Padua, completed in 2024, found that a permanent solution to the problem entails replacing the glazing once the systems for their attachment to the framework has been re-engineered. As of May 2025, the glazing has been made safe by applying film to the individual panels over all areas open to the public, and said film will be kept in place until the restoration project starts.
 - *Redesigning visitor routes*
This involves injecting some innovation into the visitor routes entitled "Plants and man" (*Le piante e l'uomo*) and "Plants and the environment" (*La pianta e l'ambiente*), designed back in 2014, with new content linked to the "state of the art" in scientific research in this field.
 - *Expanding botanic collections and introducing new species*
Restoration and new systems will enable us to increase the number of specimens and species that call the Garden home, including urban plants that better tolerate climate change.

| | | |
|--|--|---|
| Project location | <input type="checkbox"/> site | <input checked="" type="checkbox"/> Buffer zone |
| Project scope | <input type="checkbox"/> Network project | <input checked="" type="checkbox"/> Local project |
| Partners and/or stakeholders | University of Padua | |
| Recipients | In-house personnel and users of the Botanical Garden | |
| Financial resources (identified or to be identified) | <input checked="" type="checkbox"/> own <input type="checkbox"/> third-party contributions | <input type="checkbox"/> regional <input type="checkbox"/> national <input type="checkbox"/> international <input type="checkbox"/> sponsorships |
| Budget | €8,000,000 | |
| Timeframes | Medium term (2026-2028) | Length 24 months |
| Project status | <input checked="" type="checkbox"/> planned | <input type="checkbox"/> in execution phase |
| If planned | <input type="checkbox"/> implementation-ready <input checked="" type="checkbox"/> not implementation-ready: currently in planning phase | |
| Replicability | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no | |
| Indicators | <ul style="list-style-type: none">• Restoration completed (yes/no)• Timeline met | |
| UN Sustainable Development Goals captured | 4: Quality education 13: Climate action 15: Life on land | |
| Level of alignment with strategic objectives of UNIPD 2023-2027 Strategic Plan | High | |
| Environmental impact | High | Digital impact NA Gender impact NA |
| 5Cs | <input checked="" type="checkbox"/> conservation <input checked="" type="checkbox"/> communication | <input type="checkbox"/> community <input type="checkbox"/> credibility <input checked="" type="checkbox"/> capacity building |

| ACTION 5. Restoration and maintenance of manmade stone structures and metalwork | |
|--|--|
| Strategic objective | <ul style="list-style-type: none">To maintain and develop the documentary, historical and plant heritage collections to preserve the richness of the planet and protect the architectural heritage (<i>Care</i>) |
| Specific goals | <ul style="list-style-type: none">To ensure conservation of the Site's attributesTo monitor historic manmade structures for signs of deterioration and prevent them falling into disrepair |
| Description of the project and planned activities | |
| <p>The project involves an all-encompassing restoration of the World Heritage Site's manmade stone structures and metalwork, including the boundary wall, balustrade, acroteria, and the kerbing and iron gates framing the beds.</p> <p>Following an analysis of the state of conservation and investigations conducted to identify biocidal and water-repellent products offering the best performance, a work procedure has been defined to ensure that the work due to be carried out will be successful and its results long lasting, taking into account the nature and management of the site. Once the restoration work has been completed, scheduled prevention measures will be taken to avoid the onset of a new wave of significant microbiological contamination.</p> <p>The planned activities are:</p> <ul style="list-style-type: none">biocidal treatment (which will also serve to clean the structures), both before and following the restoration work;strengthening, filling cracks, restoring kerbing and ensuring there are no breaks in the surface;protecting surfaces;regular monitoring based on two distinct levels of detail at varying intervals (every four months, every six months or yearly depending on the material in question). | |

| | | |
|--|--|---|
| Project location | <input checked="" type="checkbox"/> site | <input type="checkbox"/> Buffer zone |
| Project scope | <input type="checkbox"/> Network project | <input checked="" type="checkbox"/> Local project |
| Partners and/or stakeholders | Heritage Department (<i>Soprintendenza Archeologia, Belle Arti e Paesaggio</i>) for the provinces of Padua, Treviso and Belluno | |
| Recipients | Users of the Botanical Garden | |
| Financial resources (identified or to be identified) | <input checked="" type="checkbox"/> own <input type="checkbox"/> third-party contributions | <input type="checkbox"/> regional <input type="checkbox"/> national <input type="checkbox"/> international <input type="checkbox"/> sponsorships |
| Budget | €390,000 | |
| Timeframes | Long term (2029-2030) | Length 12 months |
| Project status | <input checked="" type="checkbox"/> planned | <input type="checkbox"/> in execution phase |
| If planned | <input type="checkbox"/> implementation-ready <input checked="" type="checkbox"/> not implementation-ready, given the need to wait until the Biodiversity Garden's restoration project has been completed so as not to have major works on the Site overlapping, which would interfere with its use by the public | |
| Replicability | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no | |
| Indicators | <ul style="list-style-type: none">Sq m restoredTimeline met | |
| UN Sustainable Development Goals captured | 11: Sustainable cities and communities | |
| Level of alignment with strategic objectives of UNIPD 2023-2027 Strategic Plan | High | |
| Environmental impact | High | Digital impact NA Gender impact NA |
| 5Cs | <input checked="" type="checkbox"/> conservation <input type="checkbox"/> communication | <input type="checkbox"/> community <input type="checkbox"/> credibility <input type="checkbox"/> capacity building |

| ACTION 6. Repair of the roof on the Prefect's Residence | |
|---|--|
| Strategic objective | <ul style="list-style-type: none">To maintain and develop the documentary, historical and plant heritage collections to preserve the richness of the planet and protect the architectural heritage (<i>Care</i>) |
| Specific goals | <ul style="list-style-type: none">To ensure conservation of the Site's attributesTo ensure the historic buildings in use are functional and efficient |

Description of the project and planned activities

The aim of the project is to ensure that the roof on the Prefect's Residence building serves its intended function by repairing the whole surface, which involves replacing waterproofing membranes with new ones, laying thermal insulation and replacing/repairing guttering.

| | | | | | |
|--|--|--|--|--|----|
| Project location | <input checked="" type="checkbox"/> site | | <input type="checkbox"/> Buffer zone | | |
| Project scope | <input type="checkbox"/> Network project | | <input checked="" type="checkbox"/> Local project | | |
| Partners and/or stakeholders | Heritage Department (<i>Soprintendenza Archeologia, Belle Arti e Paesaggio</i>) for the provinces of Padua, Treviso and Belluno | | | | |
| Recipients | Personnel and users of the Botanical Garden | | | | |
| Financial resources (identified or to be identified) | <input checked="" type="checkbox"/> own <input type="checkbox"/> third-party contributions | <input type="checkbox"/> regional | <input type="checkbox"/> national <input type="checkbox"/> sponsorships | <input type="checkbox"/> international | |
| Budget | €600,000 | | | | |
| Timeframes | Long term (2029-2030) | Length | 12 months | | |
| Project status | <input checked="" type="checkbox"/> planned | | <input type="checkbox"/> in execution phase | | |
| If planned | <input type="checkbox"/> implementation-ready <input checked="" type="checkbox"/> not implementation-ready, given the need to wait until the Biodiversity Garden's restoration project has been completed so as not to have major works on the Site overlapping, which would interfere with its use by the public | | | | |
| Replicability | <input type="checkbox"/> yes | | <input checked="" type="checkbox"/> no | | |
| Indicators | <ul style="list-style-type: none">• Roof restored (yes/no)• Timeline met | | | | |
| UN Sustainable Development Goals captured | | | 11: Sustainable cities and communities 12: Responsible consumption and production | | |
| Level of alignment with strategic objectives of UNIPD 2023-2027 Strategic Plan | | | Medium | | |
| Environmental impact | High | Digital impact | NA | Gender impact | NA |
| 5Cs | <input checked="" type="checkbox"/> conservation <input type="checkbox"/> communication | <input type="checkbox"/> community <input type="checkbox"/> credibility | <input type="checkbox"/> capacity building | | |

| ACTION 7. Installation of the new lighting system | |
|---|--|
| Strategic objective | <ul style="list-style-type: none">To actively set about making a difference in the environmentally responsible use of resources through targeted actions and complex strategies (<i>Sustainability</i>)To redefine the Garden's offering to capture the interest of different audiences (<i>Attraction</i>) |
| Specific goals | <ul style="list-style-type: none">To expand the Site's use by the publicTo improve the safety of personnel and users |

Description of the project and planned activities

The aim of the project is to install a lighting system to serve the area of the Renaissance Garden inside the circular boundary wall, which currently has no lighting. This state of affairs has had a limiting effect on promotion and enhancement efforts carried out in recent years, reducing the number of visits and initiatives that can take place after sunset.

The system will be designed to minimize its impact on the Garden's ancient architecture, with glass and aluminium light fixtures that have a modern look but with a linear, elegant and pared-back design.

The materials and equipment chosen will be compliant in terms of safety, light pollution, energy efficiency and environmental protection standards. Lighting will only be turned on during events, thus avoiding stress to nocturnal animals and plants.

By drawing on NRRP funds for historic parks and gardens, work has already been completed to install the backbone wiring, which is a key piece of the lighting system's infrastructure.

| | | | | | |
|--|--|-----------------------------------|--|--|----|
| Project location | <input checked="" type="checkbox"/> site | | <input type="checkbox"/> Buffer zone | | |
| Project scope | <input type="checkbox"/> Network project | | <input checked="" type="checkbox"/> Local project | | |
| Partners and/or stakeholders | Heritage Department (<i>Soprintendenza Archeologia, Belle Arti e Paesaggio</i>) for the provinces of Padua, Treviso and Belluno | | | | |
| Recipients | Personnel and users of the Botanical Garden | | | | |
| Financial resources (identified or to be identified) | <input checked="" type="checkbox"/> own <input type="checkbox"/> third-party contributions | <input type="checkbox"/> regional | <input type="checkbox"/> national <input type="checkbox"/> sponsorships | <input type="checkbox"/> international | |
| Budget | €475,000 | | | | |
| Timeframes | Medium term (2027-2028) | | Length | 6 months | |
| Project status | <input checked="" type="checkbox"/> planned | | <input type="checkbox"/> in execution phase | | |
| If planned | <input type="checkbox"/> implementation-ready <input checked="" type="checkbox"/> not implementation-ready, given the need to put the system's design and build out to tender | | | | |
| Replicability | <input type="checkbox"/> yes | | <input checked="" type="checkbox"/> no | | |
| Indicators | <ul style="list-style-type: none">• Environmentally friendly lighting system installed (yes/no)• Timeline met | | | | |
| UN Sustainable Development Goals captured | | | 11: Sustainable cities and communities 12: Responsible consumption and production | | |
| Level of alignment with strategic objectives of UNIPD 2023-2027 Strategic Plan | | | Medium | | |
| Environmental impact | High | Digital impact | NA | Gender impact | NA |
| 5Cs | <input checked="" type="checkbox"/> conservation <input checked="" type="checkbox"/> communication | | <input type="checkbox"/> community <input type="checkbox"/> credibility | <input type="checkbox"/> capacity building | |

| ACTION 8. Disaster Risk Management Plan | |
|--|--|
| Strategic objective | <ul style="list-style-type: none">To maintain and develop the documentary, historical and plant heritage collections to preserve the richness of the planet and protect the architectural heritage (<i>Care</i>) |
| Specific goals | <ul style="list-style-type: none">To identify disaster risks and potential impacts for the SiteTo put emergency management measures and procedures in place |
| Description of the project and planned activities | |
| <p>The aim of the project is to prepare the Disaster Risk Management Plan (DRMP) according to the guidelines provided by UNESCO in the "Managing Disaster Risks for World Heritage" manual.</p> <p>The DRMP's goal is to identify measures aimed at preventing or reducing the negative impacts of natural or manmade disasters on the World Heritage. The Plan is concerned not just with protecting the Site from major risks, but also with reducing vulnerability factors that, in the long run, can exacerbate the risks in question.</p> <p>The activities to be carried out in preparation for a disaster include assessing the risk and identifying prevention and mitigation measures for specific dangers (maintenance and monitoring, drawing up and implementing disaster management policies and programmes). In terms of methodology, there are three main disaster risk management stages that will be taken into account: before, during and after the event.</p> <p>The DRMP will be strictly coordinated with the existing risk management procedures given that sound measures are already in place for every stage of the various emergencies that the Site could potentially experience, such as the University of Padua's Emergency Plan; the specific Emergency Plans for each of the Botanical Garden's different spaces (offices, greenhouses, visitor centre, Biodiversity Garden, Botanical Museum and Library) and the Padua City Council Civil Defence Plan. The DRMP is therefore intended as a summarizing and supporting document to supplement the existing risk management system, focusing on what UNESCO has recognized as its universal value and on its relevant attributes.</p> <p>The planned activities are:</p> <ul style="list-style-type: none">mapping vulnerabilities, impacts and the different kinds of risk;collecting together all existing risk management instruments and procedures that apply to the local area and the Site;compiling the document;personnel training. | |

| | | |
|--|---|--|
| Project location | <input checked="" type="checkbox"/> site | <input type="checkbox"/> Buffer zone |
| Project scope | <input type="checkbox"/> Network project | <input checked="" type="checkbox"/> Local project |
| Partners and/or stakeholders | Padua City Council; Civil Defence | |
| Recipients | Personnel and users of the Botanical Garden | |
| Financial resources (identified or to be identified) | <input checked="" type="checkbox"/> own <input type="checkbox"/> third-party contributions | <input type="checkbox"/> regional <input checked="" type="checkbox"/> national <input type="checkbox"/> international <input type="checkbox"/> sponsorships |
| Budget | €25,000 | |
| Timeframes | Short term (2026-2027) | Length 12 months |
| Project status | <input checked="" type="checkbox"/> planned | <input type="checkbox"/> in execution phase |
| If planned | <input checked="" type="checkbox"/> implementation-ready <input type="checkbox"/> not implementation-ready (because) | |
| Replicability | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no | |
| Indicators | • DRMP compiled (yes/no) | |
| UN Sustainable Development Goals captured | 11: Sustainable cities and communities 13: Climate action | |
| Level of alignment with strategic objectives of UNIPD 2023-2027 Strategic Plan | Medium | |
| Environmental impact | High | Digital impact NA Gender impact NA |
| 5Cs | <input checked="" type="checkbox"/> conservation <input checked="" type="checkbox"/> communication | <input checked="" type="checkbox"/> community <input type="checkbox"/> credibility <input checked="" type="checkbox"/> capacity building |

ACTION 9. Collection cataloguing, digitization and metadata management

| | |
|---------------------|---|
| Strategic objective | <ul style="list-style-type: none">• To bring studies and protection procedures up to date with the aid of modern technologies that leverage DNA, remote sensing, AI (<i>Innovation</i>)• To maintain and develop the documentary, historical and plant heritage collections to preserve the richness of the planet and protect the architectural heritage (<i>Care</i>)• To produce original content to foster the development of critical thinking and a culture of environmental and social responsibility (<i>Information</i>) |
| Specific goals | <ul style="list-style-type: none">• To upgrade conservation tools for Herbarium, Botanical Museum and Library collections• To develop new opportunities for the public to make use of the heritage and associated knowledge |

Description of the project and planned activities

The project encompasses cataloguing, digitization and metadata management activities concerning the historic Herbarium, Botanical Museum and bibliographical heritage of the Library, which are essential for the conservation of the collections and their enjoyment by increasingly broad audiences, experts and enthusiasts alike. A number of important activities that do not fall under the routine planning of relevant structures are in progress and others will be developed in coming years.

More specifically:

- historic Herbarium digitization project (nearing completion, drawing on NRRP funds, see 2.2.2.d);
- Achille Forti algae collection digitization project (in progress, see 2.2.2.e);
- Achille Forti algae collection metadata management project (funding applied for under Italian law *Legge 77/2006*);
- metadata management project for the Botanical Garden's historical archives (already digitized, funds yet to be identified).

In addition to these activities, projects are planned for the digitization of the Library's books — for which funds are allocated annually by the University Centre for Libraries (*CAB*) — and for the cataloguing of the Botanical Museum's other collections (seeds, fungi, illustrations, etc.), which fall under the remit of the University Centre for Museums (*CAM*).

| | | |
|--|---|--|
| Project location | <input checked="" type="checkbox"/> site | <input checked="" type="checkbox"/> Buffer zone |
| Project scope | <input type="checkbox"/> Network project | <input checked="" type="checkbox"/> Local project |
| Partners and/or stakeholders | Historic Herbarium: NBFC and NRRP project partners | |
| Recipients | Experts and scholars; users of the Botanical Garden | |
| Financial resources (identified or to be identified) | <input checked="" type="checkbox"/> own <input type="checkbox"/> third-party contributions | <input type="checkbox"/> regional <input checked="" type="checkbox"/> national <input type="checkbox"/> international <input type="checkbox"/> sponsorships |
| Budget | Historic Herbarium: part of NBFC NRRP project. Forti algae collection: €50,000 | |
| Timeframes | Short, Medium term (2025-2027) | Length 24 months |
| Project status | <input checked="" type="checkbox"/> planned | <input checked="" type="checkbox"/> in execution phase |
| If planned | <input checked="" type="checkbox"/> implementation-ready <input type="checkbox"/> not implementation-ready (because) | |
| Replicability | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no | |
| Indicators | <ul style="list-style-type: none">• Historic Herbarium digitization completed (yes/no)• Forti algae collection digitization completed (yes/no)• Book digitization projects initiated (yes/no) | |
| UN Sustainable Development Goals captured | 4: Quality education 12: Responsible consumption and production | |
| Level of alignment with strategic objectives of UNIPD 2023-2027 Strategic Plan | Medium | |
| Environmental impact | High | Digital impact High Gender impact NA |
| 5Cs | <input checked="" type="checkbox"/> conservation <input checked="" type="checkbox"/> communication | <input checked="" type="checkbox"/> community <input type="checkbox"/> credibility <input checked="" type="checkbox"/> capacity building |

3.2. 2 RELATIONSHIPS WITH THE LOCAL COMMUNITY AND PUBLIC ENGAGEMENT (COMMUNITY)

| ACTION 10. University community Third Mission projects | |
|--|---|
| Strategic objective | <ul style="list-style-type: none">• To cast the Garden as a living, accessible space for learning and exchange, tying in with a "for all" approach (<i>Inclusion</i>)• To produce original content to foster the development of critical thinking and a culture of environmental and social responsibility (<i>Information</i>)• To encourage learning about specific topics through a scientifically precise, direct and engaging approach (<i>Experience</i>) |
| Specific goals | <ul style="list-style-type: none">• To promote a science culture by bridging the gap between academia and the wider public• To create opportunities for contact between the University and schools and their pupils across all categories and levels• To build scientific dissemination skills of lecturers and researchers |

Description of the project and planned activities

Out of the University's various Third Mission projects involving the Botanical Garden, Science4All is its flagship project. The goal of Science4All is to promote a science culture by bridging the gap between academia and the wider public, through events, conferences and workshops. The project — originally established as a public event as part of the University's participation in the European Researchers' Night — has grown over the years and now has a dual programme:

- 1) *S4A cittadinanza*, a three-day programme for families and local residents held over the last weekend in September;
- 2) *S4A scuole*, for primary and secondary school pupils from Padua and the wider Veneto region held in November, with various activities also aimed at upper secondary school students.

The programme for local residents is coordinated by the University's Communication Department, while the programme for schools is run directly by the Permanent Events Office (*UEP*)/ Communication and Marketing Area (*ACOM*) for the whole University. In 2024, the programmed aimed at primary and lower secondary school pupils was made up of 334 rounds of activities. 12 rounds of activities were delivered to classes of upper secondary school students. The groups belonging to primary schools totalled 186, while there were 145 groups of lower secondary school pupils, in addition to 3 groups of homeschooled children of mixed ages.

The Botanical Garden participates in both programmes with educational play activities and events organized both independently and hosting the University departments featuring initiatives in line with the Site's core themes, with a commitment that has grown steadily over the years in terms of the activity on offer and human resources employed.

| | | |
|--|---|---|
| Project location | <input checked="" type="checkbox"/> site | <input checked="" type="checkbox"/> Buffer zone |
| Project scope | <input checked="" type="checkbox"/> Network project | <input type="checkbox"/> Local project |
| Partners and/or stakeholders | Cariparo Foundation, Padua City Council, other local bodies and institutions; schools from the local area, district and region; University of Padua departments | |
| Recipients | Local residents; schools from the local area, district and region (teachers, primary school pupils and lower and upper secondary school pupils), University of Padua researchers and lecturers | |
| Financial resources (identified or to be identified) | <input checked="" type="checkbox"/> own <input checked="" type="checkbox"/> third-party contributions | <input type="checkbox"/> regional <input type="checkbox"/> national <input type="checkbox"/> international <input type="checkbox"/> sponsorships |
| Budget | €300,000 | |
| Timeframes | Short, Medium, Long term (2025-2031) | Length ongoing |
| Project status | <input type="checkbox"/> planned | <input checked="" type="checkbox"/> in execution phase |
| If planned | <input checked="" type="checkbox"/> implementation-ready <input type="checkbox"/> not implementation-ready (because) | |
| Replicability | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no | |
| Indicators | <ul style="list-style-type: none">• Local resident event delivered (yes/no)• Schools programme delivered (yes/no)• No. of entries to <i>S4A cittadinanza</i>• No. of teachers and pupils involved in schools programme | |
| UN Sustainable Development Goals captured | 4: Quality education 11: Sustainable cities and communities | |
| Level of alignment with strategic objectives of UNIPD 2023-2027 Strategic Plan | High | |
| Environmental impact | Medium | Digital impact Low Gender impact High |
| 5Cs | <input type="checkbox"/> conservation <input checked="" type="checkbox"/> communication | <input checked="" type="checkbox"/> community <input type="checkbox"/> credibility <input checked="" type="checkbox"/> capacity building |

| ACTION 11. Annual call for collaborations and cultural activities to be initiated with local entities | |
|---|--|
| Strategic objective | <ul style="list-style-type: none">• To cultivate a sense of community among the public by extending the range of tools and opportunities to share and engage (<i>Belonging</i>)• To strengthen processes and actions involved in dealings with the public (<i>Welcoming</i>)• To redefine the Garden's offering to capture the interest of different audiences (<i>Attraction</i>) |
| Specific goals | <ul style="list-style-type: none">• To increase interaction between the Botanical Garden and local community• To increase the community's knowledge of the Site and raise awareness around the importance of its conservation• To zero in on quality local projects and initiatives centred around the Garden's core themes to be included in its cultural programme |

Description of the project and planned activities

The project, whose purpose is to cater to the ever-growing local demand, involves the annual posting of a notice aimed at bodies/associations/entities who operate in cultural, art, sciences and social fields to present projects to be delivered in the Botanical Garden (routes, shows, installations, publications, etc.). Candidates are asked to submit their proposal by filling out the form provided by the Botanical Garden, which will assess the projects based on predetermined criteria.

The selected proposals will be actioned with funds allocated for the purpose by the University of Padua, while also requiring co-funding by the proponent to cover a portion of the project.

The planned activities are:

- defining the selection criteria for the proposals;
- posting and promoting the call;
- assessing the proposals submitted;
- determining the project delivery calendar.

| | | |
|--|---|---|
| Project location | <input checked="" type="checkbox"/> site | <input checked="" type="checkbox"/> Buffer zone |
| Project scope | <input checked="" type="checkbox"/> Network project | <input type="checkbox"/> Local project |
| Partners and/or stakeholders | Padua City Council; bodies/associations/entities who operate locally in cultural, art, science and social fields | |
| Recipients | Third sector organizations; users of the Botanical Garden | |
| Financial resources (identified or to be identified) | <input checked="" type="checkbox"/> own <input checked="" type="checkbox"/> third-party contributions | <input type="checkbox"/> regional <input type="checkbox"/> national <input type="checkbox"/> international <input type="checkbox"/> sponsorships |
| Budget | €15,000/year | |
| Timeframes | Medium, Long term (2028-2031) | Length every year |
| Project status | <input checked="" type="checkbox"/> planned | <input type="checkbox"/> in execution phase |
| If planned | <input checked="" type="checkbox"/> implementation-ready <input type="checkbox"/> not implementation-ready (because) | |
| Replicability | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no | |
| Indicators | <ul style="list-style-type: none">• No. of proposals submitted• No. of proposals approved• No. of projects successfully completed | |
| UN Sustainable Development Goals captured | 11: Sustainable cities and communities | |
| Level of alignment with strategic objectives of UNIPD 2023-2027 Strategic Plan | Medium | |
| Environmental impact | High | Digital impact Low Gender impact High |
| 5Cs | <input type="checkbox"/> conservation <input checked="" type="checkbox"/> communication | <input checked="" type="checkbox"/> community <input checked="" type="checkbox"/> credibility <input type="checkbox"/> capacity building |

ACTION 12. *The Botanical Garden of the University of Padua, living heritage*
(Veneto region's call for funding under the ERDF Regional Programme, action 4.6.1)

| | |
|---------------------|--|
| Strategic objective | <ul style="list-style-type: none">• To cultivate a sense of community among the public by extending the range of tools and opportunities to share and engage (<i>Belonging</i>)• To encourage learning about specific topics through a scientifically precise, direct and engaging approach (<i>Experience</i>) |
| Specific goals | <ul style="list-style-type: none">• To extend and improve the Garden's visitor experience• To increase the target communities' knowledge and awareness around the Site's values• To raise awareness and develop a sense of environmental responsibility among the target audience |

Description of the project and planned activities

The project focuses on the development of innovative content designed by engaging the target communities in a participatory approach, to be made available through accessible and inclusive exhibits, experiences and visitor tools incorporated into the visitor routes running through the Botanical Garden.

The project was spawned by the opportunity presented by the Veneto region's call for funding under the ERDF Regional Programme (action 4.6.1 - "Projects to benefit UNESCO sites"). The project will be actioned only if funding is approved.

The planned activities are:

- defining content to be developed and identifying participatory processes for the community;
- developing study and research activities on the identified topics;
- planning and implementing knowledge dissemination initiatives focused on the local region, engaging with local communities;
- gathering scientific data and analysing findings;
- defining and developing storytelling strategies and working on content;
- defining, planning and developing citizen science initiatives with the participation of the target communities;
- designing and developing multimedia installations, interactive panels, experiences;
- training personnel, students, volunteers on content management and updating;
- strengthening relationships.

| | | |
|--|--|--|
| Project location | <input checked="" type="checkbox"/> site | <input checked="" type="checkbox"/> Buffer zone |
| Project scope | <input checked="" type="checkbox"/> Network project | <input type="checkbox"/> Local project |
| Partners and/or stakeholders | University of Padua researchers; experts in citizen science; experts in technological fields; educational and cultural institutions | |
| Recipients | Users of the Botanical Garden; local communities in the City, District and Region (residents, cultural and conservation associations, local cultural and educational institutions); students in a range of age groups, from primary school to university; experts and researchers; educational and cultural institutions | |
| Financial resources (identified or to be identified) | <input type="checkbox"/> own <input type="checkbox"/> third-party contributions | <input checked="" type="checkbox"/> regional <input type="checkbox"/> national <input type="checkbox"/> international <input type="checkbox"/> sponsorships |
| Budget | €500,000 | |
| Timeframes | Short, Medium term (2026-2027) | Length 24 months |
| Project status | <input checked="" type="checkbox"/> planned | <input type="checkbox"/> in execution phase |
| If planned | <input type="checkbox"/> implementation-ready <input checked="" type="checkbox"/> not implementation-ready because it needs to be assessed by the Veneto Regional Council (project funding application currently being submitted) | |
| Replicability | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no | |
| Indicators | <ul style="list-style-type: none">• Amount of new content produced• No. of individuals involved in the participatory process• No. of events and activities organized• Interactive material produced (yes/no)• Statement approved by the Regional Council and funds issued (yes/no) | |
| UN Sustainable Development Goals captured | 9: Industry, innovation and infrastructure 11: Sustainable cities and communities 15: Life on land | |
| Level of alignment with strategic objectives of UNIPD 2023-2027 Strategic Plan | High | |
| Environmental impact | Medium | Digital impact High Gender impact NA |
| 5Cs | <input type="checkbox"/> conservation <input checked="" type="checkbox"/> communication | <input checked="" type="checkbox"/> community <input type="checkbox"/> credibility <input checked="" type="checkbox"/> capacity building |

| ACTION 13. Projects with UNESCO-listed Gardens | |
|---|--|
| Strategic objective | <ul style="list-style-type: none">• To promote collaborations and networks with international scientific institutions around common goals (<i>Relations</i>)• To bring studies and protection techniques up to date with the aid of modern technologies that leverage DNA, remote sensing, AI (<i>Innovation</i>)• To share knowledge and precious botanical material to foster tangible plant biodiversity conservation actions (<i>Exchange</i>) |
| Specific goals | <ul style="list-style-type: none">• To strengthen relations between the three botanic gardens with World Heritage status |
| Description of the project and planned activities | |
| <p>Over recent years, the Botanical Garden of Padua has launched a series of projects and collaborations with the only other botanic gardens in the world inscribed as cultural sites on the World Heritage List, namely London's Kew Gardens and the Singapore Botanic Gardens.</p> <p>A joint project is currently under way between the Botanical Garden (in collaboration with the Department of Biology) and Kew Gardens to build AI-powered software ("PowerPlant") to predict the success of extracting DNA from herbarium samples. This tool, designed to help botanic researchers optimize the selection of herbarium specimens for genomic studies, employs a deep learning algorithm that draws on multiples data sources. These include morphological characteristics from scanned images of herbarium samples, information on the colour of the sample, metadata such as age and location of the sample, and metrics on the amount of DNA from previously processed samples. Trained on a dataset of around 2,000 herbarium specimens from Kew Gardens, spanning almost two centuries (from 1832 to date), "PowerPlant" seeks to revolutionize the approach to working with DNA drawn from herbarium samples, offering an innovative solution in the botanic and genetic research field.</p> <p>Working with Singapore, the Garden envisages the opportunity to launch the following projects:</p> <ul style="list-style-type: none">• personnel exchange programme for professional training and university learning activities;• involvement in conferences and workshops organized by either of the two institutions;• exchange of information and academic material (seeds, plants, specimens, etc.) for research, teaching and conservation purposes;• fostering the sharing of experiences in understanding, managing and promoting the heritage and living collection through interpretive signage and educational activities to raise awareness. <p>Another initiative is due to be planned for the joint promotion of the three Sites designed to highlight research topics and activities of mutual interest and raise public awareness around the importance of botanic gardens in biodiversity conservation (temporary exhibition).</p> | |

| | | |
|--|--|---|
| Project location | <input checked="" type="checkbox"/> site | <input checked="" type="checkbox"/> Buffer zone |
| Project scope | <input checked="" type="checkbox"/> Network project | <input type="checkbox"/> Local project |
| Partners and/or stakeholders | Kew Gardens / Singapore Botanic Gardens | |
| Recipients | Researchers; personnel and users across the three Sites | |
| Financial resources (identified or to be identified) | <input checked="" type="checkbox"/> own <input checked="" type="checkbox"/> third-party contributions | <input type="checkbox"/> regional <input type="checkbox"/> national <input type="checkbox"/> international <input type="checkbox"/> sponsorships |
| Budget | €100,000 | |
| Timeframes | Short, Medium and Long term (2025-2031) | Length ongoing |
| Project status | <input checked="" type="checkbox"/> planned | <input checked="" type="checkbox"/> in execution phase |
| If planned | <input checked="" type="checkbox"/> implementation-ready <input checked="" type="checkbox"/> not implementation-ready. A memorandum of understanding has been signed with Singapore for the implementation of joint projects that have yet to be defined in full. | |
| Replicability | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no | |
| Indicators | <ul style="list-style-type: none">• No. of projects launched• No. of researchers, staff, gardeners involved | |
| UN Sustainable Development Goals captured | 4: Quality education 13: Climate action 15: Life on land | |
| Level of alignment with strategic objectives of UNIPD 2023-2027 Strategic Plan | High | |
| Environmental impact | High | Digital impact High Gender impact NA |
| 5Cs | <input checked="" type="checkbox"/> conservation <input checked="" type="checkbox"/> communication | <input checked="" type="checkbox"/> community <input checked="" type="checkbox"/> credibility <input checked="" type="checkbox"/> capacity building |

3.2. 3 EDUCATION, TEACHING AND RESEARCH (CAPACITY BUILDING)

| ACTION 14. Education programme | |
|--------------------------------|--|
| Strategic objective | <ul style="list-style-type: none">• To cast the Garden as a living, accessible space for learning and exchange, tying in with a "for all" approach (<i>Inclusion</i>)• To set up routes to encourage visitors to explore and reconnect with the Garden and nature, presenting them as opportunities to learn and marvel (<i>Discovery</i>)• To cast the Garden as a place worth revisiting, encouraging users to make repeat visits and purchases (<i>Engagement</i>)• To help bring together the public and the natural world through interpretation and by leveraging artistic and performance disciplines (<i>Languages</i>) |
| Specific goals | <ul style="list-style-type: none">• To raise awareness around the Botanical Garden and its associated scientific, cultural and social themes |

Description of the project and planned activities

The Botanical Garden's education programme features a structured calendar of learning and educational play activities spread across the whole year.

The project has been conceived based on a "for all" approach, encouraging the participation of as broad a public as possible, developing activities and offerings for specific target audiences, in a living, inclusive and accessible place of "lifelong" learning that stimulates curiosity and discussion. The goal of the integrated approach across science, culture and art is to foster processes whereby individuals gain an understanding of natural and social phenomena, in order to build a sense of connection to the places, which is key to preserving their identity and value.

Activities for schools across all categories and levels take the shape of guided tours, both general and themed, and educational workshops, to provide a dynamic and interactive insight into scientific topics and content, with the aim of encouraging pupils to discover, learn about and take care of Nature.

Lifelong learning actions are aimed at adults and certain categories of the public, such as experts, the elderly, the disadvantaged, and teachers. Courses are planned for all target audiences identified and are designed to raise awareness around the specific qualities of the World Heritage Site.

The educational play activities serve recreational and educational purposes, leveraging learning experiences in a setting of exchange, reflection, debate and entertainment to bring people together.

All the planned actions aim to engage the public, creating opportunities for repeat visits, and offering new ways to approach the natural world to help target audiences that are as yet underrepresented — such as teenagers — connect with nature.

| | | |
|--|---|--|
| Project location | <input checked="" type="checkbox"/> site | <input checked="" type="checkbox"/> Buffer zone |
| Project scope | <input type="checkbox"/> Network project | <input checked="" type="checkbox"/> Local project |
| Partners and/or stakeholders | Cultural and scientific associations and institutions at a local and national level; Museum of Nature and Humankind and other university museums | |
| Recipients | Children, families, schools and teachers, university students, teenagers, adults, experts, the elderly, season ticket holders, the disadvantaged, tourists and tour operators, other institutions, businesses and professionals | |
| Financial resources (identified or to be identified) | <input checked="" type="checkbox"/> own <input type="checkbox"/> third-party contributions | <input type="checkbox"/> regional <input checked="" type="checkbox"/> national <input type="checkbox"/> international <input type="checkbox"/> sponsorships |
| Budget | €100,000/year | |
| Timeframes | Short, Medium, Long term (2025-2031) | Length ongoing |
| Project status | <input type="checkbox"/> planned | <input checked="" type="checkbox"/> in execution phase |
| If planned | <input checked="" type="checkbox"/> implementation-ready <input type="checkbox"/> not implementation-ready (because) | |
| Replicability | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no | |
| Indicators | <ul style="list-style-type: none">• Annual programme defined (yes/no)• No. of schools sign-ups• No. of education initiative attendees | |
| UN Sustainable Development Goals captured | 4: Quality education 11: Sustainable cities and communities | |
| Level of alignment with strategic objectives of UNIPD 2023-2027 Strategic Plan | High | |
| Environmental impact | High | Digital impact High Gender impact High |
| 5Cs | <input type="checkbox"/> conservation <input checked="" type="checkbox"/> communication | <input checked="" type="checkbox"/> community <input type="checkbox"/> credibility <input checked="" type="checkbox"/> capacity building |

| ACTION 15. Training and ongoing refresher courses | |
|---|--|
| Strategic objective | <ul style="list-style-type: none">• To strengthen processes and actions involved in dealings with the public (<i>Welcoming</i>)• To encourage learning about specific topics through a scientifically precise, direct and engaging approach (<i>Experience</i>) |
| Specific goals | <ul style="list-style-type: none">• To strengthen in-house skills• To ensure correct information is provided on the history of the Botanical Garden and on why it was inscribed on the World Heritage List• To raise general awareness of its UNESCO designation• To improve the visitor experience for users of the Site |
| Description of the project and planned activities | |
| <p>The project involves structuring an ongoing training programme, aimed both at in-house personnel and, more generally, all individuals who, in whatever capacity, operate within the Site, and at tour operators (tour guides, hotels and other accommodation facilities, personnel from tourist information offices, etc.) in Padua and the surrounding area (Euganean Hills and Abano/Monte-grotto Terme).</p> <p>The programme will centre on:</p> <ul style="list-style-type: none">• training on the reasons for UNESCO designation, with more in-depth teaching modules depending on the role and duties of the trainees;• training on the Botanical Garden, Botanical Museum, Biodiversity Garden, their characteristics, fun facts and features of greatest interest for a general tourist;• botanic and Botanical Garden-specific terminology in English, German and French;• illustration of information sources (Botanical Garden app, website, social media channels);• presentation of the Museum of Nature and Humankind and other museums within the University Museum System;• presentation of the UNESCO Site "Padua's fourteenth-century fresco cycles";• training on the subject of accessibility, especially for visitor centre staff and personnel dealing with visitors in general, aimed at raising awareness around the specific needs of disabled users and knowing how to handle requests promptly;• training on species identification and classification, specific care of each specimen, gardening techniques and how to handle beds, hedging and trees (for gardeners). <p>An information kit is also due to be prepared to be handed out to tourist information sites and accommodation facilities.</p> | |

| | | |
|--|---|---|
| Project location | <input checked="" type="checkbox"/> site | <input checked="" type="checkbox"/> Buffer zone |
| Project scope | <input checked="" type="checkbox"/> Network project | <input checked="" type="checkbox"/> Local project |
| Partners and/or stakeholders | Independent bodies with expertise on accessibility matters pertaining to cultural sites and authorities on sensory disabilities (associations for the blind, deaf); Food service and tourism trade associations (Tour and environmental guides association, Italian business associations <i>Confcommercio</i> , <i>Confesercenti</i> and <i>Federalberghi</i> , Tourist information sites) | |
| Recipients | In-house personnel; operators in the tourism business | |
| Financial resources (identified or to be identified) | <input checked="" type="checkbox"/> own <input type="checkbox"/> third-party contributions | <input type="checkbox"/> regional <input type="checkbox"/> national <input type="checkbox"/> international <input type="checkbox"/> sponsorships |
| Budget | €10,000/year | |
| Timeframes | Short, Medium, Long term (2025-2031) | Length ongoing |
| Project status | <input checked="" type="checkbox"/> planned | <input type="checkbox"/> in execution phase |
| If planned | <input checked="" type="checkbox"/> implementation-ready <input type="checkbox"/> not implementation-ready (because) | |
| Replicability | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no | |
| Indicators | <ul style="list-style-type: none">• Annual training programme defined (yes/no)• No. of courses set up• No. of individuals trained• No. of kits handed out | |
| UN Sustainable Development Goals captured | 4: Quality education 11: Sustainable cities and communities 15: Life on land | |
| Level of alignment with strategic objectives of UNIPD 2023-2027 Strategic Plan | High | |
| Environmental impact | Medium | Digital impact Medium Gender impact Medium |
| 5Cs | <input type="checkbox"/> conservation <input checked="" type="checkbox"/> communication | <input checked="" type="checkbox"/> community <input checked="" type="checkbox"/> credibility <input checked="" type="checkbox"/> capacity building |

| ACTION 16. Implementation of the Research Plan | |
|--|--|
| Strategic objective | <ul style="list-style-type: none">• To learn about plant species and understand how they adapt to natural habitats to conserve the planet's endangered biological resources (<i>Biodiversity</i>)• To promote collaborations and networks with international scientific institutions around common goals (<i>Relations</i>)• To bring studies and protection procedures up to date with the aid of modern technologies that leverage DNA, remote sensing, AI (<i>Innovation</i>)• To share knowledge and precious botanical material to foster tangible plant biodiversity conservation actions (<i>Exchange</i>)• To actively set about making a difference in the environmentally responsible use of resources through targeted actions and complex strategies (<i>Sustainability</i>) |
| Specific goals | <ul style="list-style-type: none">• To make a significant contribution to global biodiversity initiatives - BIODIVERSITY• To innovate research into plant resilience - RESILIENCE• To become a recognized leader in conservation initiatives - CONSERVATION |
| Description of the project and planned activities | |
| <p>The project is actioned with the implementation of the Three-Year Strategic Research Programme approved by the Botanical Garden University Centre. Drawn up to organize research carried out by the Botanical Garden, this Programme is split into three priority areas — Biodiversity, Resilience and Conservation — each of which has a specific goal to be achieved through various projects that have already been identified and for which working groups have already been defined. An up-to-date description of the projects is available on the website (orbotanico1545.it/en/research-and-collections/research-projects).</p> | |

| | | |
|--|--|--|
| Project location | <input checked="" type="checkbox"/> site | <input checked="" type="checkbox"/> Buffer zone |
| Project scope | <input checked="" type="checkbox"/> Network project | <input checked="" type="checkbox"/> Local project |
| Partners and/or stakeholders | The members of the individual research groups have already been identified for each project in terms of both University of Padua researchers and collaborators belonging to other national, European and international research institutes. The Plan also lists all the national and international institutions that have active collaborations in progress and that are partners on research projects | |
| Recipients | University of Padua researchers, other researchers; users of the Garden reached through dissemination activities | |
| Financial resources (identified or to be identified) | <input checked="" type="checkbox"/> own <input type="checkbox"/> third-party contributions | <input type="checkbox"/> regional <input checked="" type="checkbox"/> national <input type="checkbox"/> international sponsorships |
| Budget | €130,000/year | |
| Timeframes | Short and Medium term (2025-2028) | Length 36 months |
| Project status | <input checked="" type="checkbox"/> planned | <input checked="" type="checkbox"/> in execution phase |
| If planned | <input checked="" type="checkbox"/> implementation-ready <input type="checkbox"/> not implementation-ready (because) | |
| Replicability | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no | |
| Indicators | <ul style="list-style-type: none">• No. of projects delivered• No. of partners involved | |
| UN Sustainable Development Goals captured | 4: Quality education 13: Climate action 15: Life on land | |
| Level of alignment with strategic objectives of UNIPD 2023-2027 Strategic Plan | High | |
| Environmental impact | High | Digital impact High Gender impact NA |
| 5Cs | <input checked="" type="checkbox"/> conservation <input checked="" type="checkbox"/> communication | <input checked="" type="checkbox"/> community <input checked="" type="checkbox"/> credibility <input checked="" type="checkbox"/> capacity building |

3.2.4 VISITOR FACILITIES, DISSEMINATION AND PROMOTION
(COMMUNICATION)

| ACTION 17. Implementation of the Architectural Barrier Elimination Plan | |
|---|---|
| Strategic objective | <ul style="list-style-type: none">• To cast the Garden as a living, accessible space for learning and exchange, tying in with a "for all" approach (<i>Inclusion</i>)• To strengthen processes and actions involved in dealings with the public (<i>Welcoming</i>) |
| Specific goals | <ul style="list-style-type: none">• To improve the Site's level of physical and sensory accessibility• To expand the Site's use by the public |

Description of the project and planned activities

The aim of the project is to implement the measures to improve physical and sensory accessibility identified as part of the Architectural Barrier Elimination Plan, compiled over the course of 2025:

- increasing options for online use by integrating new content into current online tools (website and app);
- producing a suitable self-guided tour that accommodates the mobility requirements of blind/ vision-impaired visitors;
- creating a comfort zone both for use by the cognitively impaired as a decompression space, and for specific situations;
- building an access ramp to the medicinal plant area, which is home to the Goethe's Palm glasshouse;
- producing solutions to differentiate the paths and contrasting colours on steps;
- identifying an accessibility officer who will be responsible for helping monitor the measures put forward in the Architectural Barrier Elimination Plan and be a contact person for the public on accessibility matters.

| | | |
|--|--|--|
| Project location | <input checked="" type="checkbox"/> site | <input checked="" type="checkbox"/> Buffer zone |
| Project scope | <input type="checkbox"/> Network project | <input checked="" type="checkbox"/> Local project |
| Partners and/or stakeholders | Independent bodies, with expertise on accessibility matters pertaining to cultural sites and authorities on sensory disabilities (associations for the blind, deaf) | |
| Recipients | Users of the Botanical Gardens, users with special needs | |
| Financial resources (identified or to be identified) | <input checked="" type="checkbox"/> own <input type="checkbox"/> third-party contributions | <input type="checkbox"/> regional <input checked="" type="checkbox"/> national <input type="checkbox"/> international sponsorships |
| Budget | Currently being defined | |
| Timeframes | Medium and Long term (2027-2031) | Length 48 months |
| Project status | <input checked="" type="checkbox"/> planned | <input type="checkbox"/> in execution phase |
| If planned | <input checked="" type="checkbox"/> implementation-ready <input type="checkbox"/> not implementation-ready (because) | |
| Replicability | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no | |
| Indicators | <ul style="list-style-type: none">• Website implemented with new content (yes/no)• No. of works delivered• Architectural Barrier Elimination Plan contact person identified (yes/no) | |
| UN Sustainable Development Goals captured | 10: Reduced inequalities 11: Sustainable cities and communities | |
| Level of alignment with strategic objectives of UNIPD 2023-2027 Strategic Plan | High | |
| Environmental impact | High | Digital impact High Gender impact High |
| 5Cs | <input type="checkbox"/> conservation <input checked="" type="checkbox"/> communication | <input checked="" type="checkbox"/> community <input checked="" type="checkbox"/> credibility <input checked="" type="checkbox"/> capacity building |

| ACTION 18. <i>Accessibility of collections held by the Botanical Garden of Padua: the road to a Garden "for all" (Italian law Legge 77/2006 EF 2024)</i> | |
|--|--|
| Strategic objective | <ul style="list-style-type: none">• To cast the Garden as a living, accessible space for learning and exchange, tying in with a "for all" approach (<i>Inclusion</i>)• To produce original content to foster the development of critical thinking and a culture of environmental and social responsibility (<i>Information</i>)• To strengthen processes and actions involved in dealings with the public (<i>Welcoming</i>) |
| Specific goals | <ul style="list-style-type: none">• To improve the Site's level of accessibility• To expand the Site's use by the public• To develop new content for the public |

Description of the project and planned activities

The aim of the project is to extend the visitor experience, focusing on the accessibility of collections (living specimens and museum exhibits), places and spaces that give the Site its identity.

These are system-level measures that are intended to complement the actions taken in recent years with the aim of ensuring they deliver successful outcomes and that said outcomes are built on over time.

The project was spawned by the opportunity presented by the annual call for funding under Italian law *Legge 77/2006* for UNESCO Sites (*EF 2024*). It will be actioned only if funding is approved.

The planned activities are as follows: producing new content linked to research into the history of the Site and its collections, to be made available to a range of audiences (scholars, enthusiasts, the simply curious) including visitors with special needs; producing systems for the use of information on site with custom solutions tailored to the specific qualities of the cultural Site (plant identification signs and "smart" plant signs; self-guided tour that accommodates the mobility requirements of blind/vision-impaired visitors); increasing options for online use by integrating new content into current online tools (website and app).

More specifically, plant identification signs and "smart" plant signs — which use QR codes and/or RFID technology — will become veritable gateways to additional information uploaded online (text, videos, audio, images), to enable integration between different sources available to visitors and provide a connection between plants in the living collections and exhibits from the historical collections held in the Museum and Library.

The self-guided tour that accommodates special mobility requirements, taking its inspiration from "for all" design principles, is intended for all members of the public, ensuring accessibility and specific usability for users with sensory disabilities. The tour design process starts with identifying the path within the Site that currently combines the easiest physical access with a meaningful experience — taking the visitor past POIs (points of interest) — and then upgrading it so it is fit for purpose and reassessing the natural guides lining the ancient Garden's paths, where necessary supplementing them with artificial aids and tactile ground surface indicators.

| | | |
|--|--|--|
| Project location | <input checked="" type="checkbox"/> site | <input type="checkbox"/> Buffer zone |
| Project scope | <input type="checkbox"/> Network project | <input checked="" type="checkbox"/> Local project |
| Partners and/or stakeholders | Independent bodies, with expertise on accessibility matters pertaining to cultural sites and authorities on sensory disabilities (associations for the blind, deaf); partner institutions (e.g. University of Parma) | |
| Recipients | Users of the Botanical Gardens, users with special needs | |
| Financial resources (identified or to be identified) | <input checked="" type="checkbox"/> own <input type="checkbox"/> third-party contributions | <input type="checkbox"/> regional <input checked="" type="checkbox"/> national <input type="checkbox"/> international <input type="checkbox"/> sponsorships |
| Budget | €104,000 | |
| Timeframes | Short and Medium term (2026-2027) | Length 18 months |
| Project status | <input checked="" type="checkbox"/> planned | <input type="checkbox"/> in execution phase |
| If planned | <input type="checkbox"/> implementation-ready <input checked="" type="checkbox"/> not implementation-ready, pending assessment of the project submitted for funding under Italian law <i>Legge 77/2006 EF 2024</i> | |
| Replicability | <input checked="" type="checkbox"/> yes | <input type="checkbox"/> no |
| Indicators | <ul style="list-style-type: none">• Self-guided tour delivered to accommodate special mobility requirements (yes/no)• No. of smart signs produced• Website implemented with new content (yes/no)• Statement approved by the Ministry of Culture and funds issued (yes/no) | |
| UN Sustainable Development Goals captured | 10: Reduced inequalities 11: Sustainable cities and communities | |
| Level of alignment with strategic objectives of UNIPD 2023-2027 Strategic Plan | High | |
| Environmental impact | High | Digital impact High Gender impact High |
| 5Cs | <input type="checkbox"/> conservation <input checked="" type="checkbox"/> communication | <input checked="" type="checkbox"/> community <input type="checkbox"/> credibility <input checked="" type="checkbox"/> capacity building |

| ACTION 19. The Flower Festival (<i>Festa dei fiori</i>) | |
|---|--|
| Strategic objective | <ul style="list-style-type: none">• To produce original content to foster the development of critical thinking and a culture of environmental and social responsibility (<i>Information</i>)• To redefine the Garden's offering to capture the interest of different audiences (<i>Attraction</i>)• To offer an integrated approach that blends science, culture and arts to foster understanding of natural and social phenomena (<i>Interdisciplinarity</i>) |
| Specific goals | <ul style="list-style-type: none">• To promote the attributes of the Garden within the setting of an event that echoes its history and its traditions• To further cement the Botanical Garden's position as a nationally recognized centre of cultural activity• To initiate and/or strengthen prestigious scientific and cultural collaborations at a national and international level |
| Description of the project and planned activities | |
| <p>The project positions itself as the latest iteration of the Botanical Garden's annual "<i>Risvegli</i>" festival (see 2.5.2), which has evolved in terms of concept and organization. In reviving one of the Site's hitherto forgotten nineteenth-century traditions, the Flower Festival (<i>Festa dei fiori</i>) seeks to position itself as the most significant botany-themed cultural event on the national calendar to be held in a botanic garden. Other national and international botanic gardens are key partners in the programme and the intention is to initiate/build on/strengthen relationships. The event programme — which will last at least one week, with activities for schools and specialists held on weekdays and the main public activities scheduled over the weekend — will feature the following sections (non-exhaustive list): meetings and events conducted/staged by the guest botanic gardens and focused on their top studies and research and their distinctive botanic traits; exchanges of seeds/plants/cultivation and conservation experiences aimed at institutional experts as well as high-profile business experts; fair showcasing rare botanic species; in-depth look at the most innovative trials and applied research in the field of botany and natural sciences and environmental sustainability; exhibition and presentation of specialist publications; educational play activities on botanic themes with field practice and thematic tours; site-specific performances and/or exhibitions produced ad hoc; annual prize awarded to rare botanic specimens. Links with other events in the field are planned along with the delivery of initiatives leading up to or following on from the event days. A specific collaboration with Padua City Council will be established for the delivery of initiatives and collateral activities associated with the festival to be held in the city.</p> | |

| | | |
|--|---|---|
| Project location | <input checked="" type="checkbox"/> site | <input checked="" type="checkbox"/> Buffer zone |
| Project scope | <input checked="" type="checkbox"/> Network project | <input checked="" type="checkbox"/> Local project |
| Partners and/or stakeholders | Padua City Council, Padua tourism development organization (<i>Ogd</i>), Cariparo Foundation, other local city and regional bodies and institutions; organizers of botany-themed events; other Italian and foreign botanic gardens, especially Kew Gardens and Singapore; national and international scientific and cultural institutions | |
| Recipients | Users of the Botanical Garden; botany experts and enthusiasts; scholars | |
| Financial resources (identified or to be identified) | <input checked="" type="checkbox"/> own <input checked="" type="checkbox"/> third-party contributions | <input type="checkbox"/> regional <input checked="" type="checkbox"/> national <input type="checkbox"/> international <input checked="" type="checkbox"/> sponsorships |
| Budget | €500,000 | |
| Timeframes | Medium-to-long term (2028-2029) | Length ongoing |
| Project status | <input checked="" type="checkbox"/> planned | <input type="checkbox"/> in execution phase |
| If planned | <input type="checkbox"/> implementation-ready <input checked="" type="checkbox"/> not implementation-ready. The festival in its new guise will be launched once the Biodiversity Garden has reopened following completion of the planned restoration work (see Action 4) | |
| Replicability | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no | |
| Indicators | <ul style="list-style-type: none">• Festival delivered (yes/no)• No. of people taking part• Monitoring indicators identified during final planning stage | |
| UN Sustainable Development Goals captured | 11: Sustainable cities and communities 13: Climate action 15: Life on land | |
| Level of alignment with strategic objectives of UNIPD 2023-2027 Strategic Plan | High | |
| Environmental impact | High | Digital impact Medium Gender impact Medium |
| 5Cs | <input type="checkbox"/> conservation <input checked="" type="checkbox"/> communication | <input checked="" type="checkbox"/> community <input checked="" type="checkbox"/> credibility <input type="checkbox"/> capacity building |

| ACTION 20. Culture and nature, art and science cross-pollination projects | |
|---|--|
| Strategic objective | <ul style="list-style-type: none">• To redefine the Garden's offering to capture the interest of different audiences (<i>Attraction</i>)• To help bring together the public and the natural world through interpretation and by leveraging artistic and performance disciplines (<i>Languages</i>)• To offer an integrated approach that blends science, culture and arts to foster understanding of natural and social phenomena (<i>Interdisciplinarity</i>)• To offer spaces and opportunities to site-specific projects that draw inspiration from reflections on Nature (<i>Inspiration</i>) |
| Specific goals | <ul style="list-style-type: none">• To conceive and deliver new initiatives to be included in the Garden's cultural programme• To raise general awareness of the UNESCO designation and disseminate knowledge of the Botanical Garden through different and innovative artforms• To strengthen/develop collaborations with cultural institutions and entities at a national and international level |

Description of the project and planned activities

The project comprises initiatives designed to foster cross-pollination between arts and natural sciences to be included in the Botanical Garden's cultural programme over the coming years. The project met with the resounding approval of stakeholders during the participatory process for the preparation of the Management Plan (see Annex 6), especially when it comes to:

- devising and staging photography exhibitions showcasing nature and botany themes;
- film and documentary showings on the protection of biodiversity and conservation of the planet;
- site-specific theatre and dance performances or short film screenings inspired by the world of nature and the history of the Botanical Garden;
- presenting books on the theme of botany, nature;
- conferences or other planned science dissemination initiatives, including components related to the world of live performances.

| | | |
|--|---|--|
| Project location | <input checked="" type="checkbox"/> site | <input checked="" type="checkbox"/> Buffer zone |
| Project scope | <input checked="" type="checkbox"/> Network project | <input type="checkbox"/> Local project |
| Partners and/or stakeholders | Triveneto branch of the Italian performing arts society (<i>AGIS</i>), cultural associations, bookshops, theatre companies, film promotion bodies, publishers | |
| Recipients | Users of the Botanical Garden | |
| Financial resources (identified or to be identified) | <input checked="" type="checkbox"/> own <input checked="" type="checkbox"/> third-party contributions | <input type="checkbox"/> regional <input checked="" type="checkbox"/> national <input checked="" type="checkbox"/> international <input checked="" type="checkbox"/> sponsorships |
| Budget | €25,000/year | |
| Timeframes | Short, Medium and Long term (2025-2031) | Length ongoing |
| Project status | <input checked="" type="checkbox"/> planned | <input type="checkbox"/> in execution phase |
| If planned | <input checked="" type="checkbox"/> implementation-ready <input type="checkbox"/> not implementation-ready (because) | |
| Replicability | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no | |
| Indicators | <ul style="list-style-type: none">• No. of initiatives delivered• No. of people taking part | |
| UN Sustainable Development Goals captured | 4: Quality education 11: Sustainable cities and communities 15: Life on land | |
| Level of alignment with strategic objectives of UNIPD 2023-2027 Strategic Plan | High | |
| Environmental impact | High | Digital impact Medium Gender impact Medium |
| 5Cs | <input type="checkbox"/> conservation <input checked="" type="checkbox"/> communication | <input checked="" type="checkbox"/> community <input type="checkbox"/> credibility <input type="checkbox"/> capacity building |

| ACTION 21. Development of local tourism promotion tools | |
|--|--|
| Strategic objective | <ul style="list-style-type: none">• To redefine the Garden's offering to capture the interest of different audiences (<i>Attraction</i>)• To build the Garden's reputation as a go-to space for education and culture, which includes cultivating relationships and developing projects with bodies and institutions at a local, national and international level (<i>Reputation</i>) |
| Specific goals | <ul style="list-style-type: none">• To raise general awareness of its UNESCO designation and disseminate knowledge of the Botanical Garden by means including its promotion alongside the city's other UNESCO Site• To promote common actions with other local bodies and institutions to raise awareness of the Botanical Garden's role as part of the University of Padua's museum system |
| Description of the project and planned activities | |
| <p>The local tourism promotion project launched in collaboration with Padua City Council and entitled "Padua City of Art, Padua City of Science" (<i>Padova città d'arte, Padova città della scienza</i>, see sect. 2.5.3) seeks to raise the profile of the Botanical Garden in conjunction with the city's other World Heritage Site, namely "Padua's fourteenth-century fresco cycles".</p> <p>Following stage one (2024) — which involved creating a coordinated image for advertising billboards used as a distinctive feature on tram shelters and for full wrap on a tram — other initiatives are in the pipeline, to be introduced into an increasingly regular and programmatic framework of initiatives promoting the UNESCO Sites alongside the city's most significant art and science spaces and University museum facilities. The new initiatives to be explored in this area for the coming years are: the production of promotional videos showcasing the two UNESCO Sites and the city's visitor itineraries; production of digital content shared across the University and City Council; shared marketing campaigns, etc.</p> | |

| | | |
|--|---|---|
| Project location | <input checked="" type="checkbox"/> site | <input checked="" type="checkbox"/> Buffer zone |
| Project scope | <input checked="" type="checkbox"/> Network project | <input type="checkbox"/> Local project |
| Partners and/or stakeholders | Padua City Council; university museums | |
| Recipients | Tourists | |
| Financial resources (identified or to be identified) | <input checked="" type="checkbox"/> own <input checked="" type="checkbox"/> third-party contributions | <input type="checkbox"/> regional <input type="checkbox"/> national <input type="checkbox"/> international <input type="checkbox"/> sponsorships |
| Budget | €50,000/year | |
| Timeframes | Short, Medium and Long term (2025-2031) | Length ongoing |
| Project status | <input type="checkbox"/> planned | <input checked="" type="checkbox"/> in execution phase |
| If planned | <input checked="" type="checkbox"/> implementation-ready <input type="checkbox"/> not implementation-ready (because) | |
| Replicability | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no | |
| Indicators | <ul style="list-style-type: none">• No. of initiatives delivered• Performance indicators for the campaigns delivered | |
| UN Sustainable Development Goals captured | 11: Sustainable cities and communities | |
| Level of alignment with strategic objectives of UNIPD 2023-2027 Strategic Plan | High | |
| Environmental impact | High | Digital impact High Gender impact NA |
| 5Cs | <input type="checkbox"/> conservation <input checked="" type="checkbox"/> communication | <input checked="" type="checkbox"/> community <input checked="" type="checkbox"/> credibility <input checked="" type="checkbox"/> capacity building |