

Annex V - Final Report on International Horticultural Exhibitions Approved by AIPH

Requirements This Annex is an integral part of the Regulations and contains contractual requirements to the Expo Organizer.

Exhibition organiser is required to write a Final Report and fill in the Valuation Questionnaire 1 and send them to AIPH Secretariat general within ninety days of the closure of the event as a digital file (i.e. PDF). Final report is a public document that can be shared electronically and placed onto the AIPH website. Valuation Questionnaires 1 and 2 are for the attention of AIPH Secretariat.

The Final Report shall be presented at the following AIPH Meeting or Conference.

The Valuation Questionnaires will be required to be filled in twice: within ninety days of the closure of the event and three years after the closure of the event.

Purpose The objective of the Final Report & the Valuation Questionnaires is to provide a summary of the realization and execution of the International Horticultural Exhibition. The Final Report serves as accountability report for the stakeholders of the Expo. It should allow to:

- Provide information for future Expo organizers that will be useful in preparation, planning and running of their Expos
- Help future Expo organizers identify potential Expo impacts and legacy to maximize the Expo benefits for the host city and country
- Create a comparable benchmark across future Expos and measure the Expo benefits in the most accurate way possible, while taking into account local specificities and the individual nature of each Expo

Contents This Annex contains further guidance on **methodology** and **deliverables** of:

- the Final Report
- the Valuation Questionnaires

1. Final Report

– *The following sections must be included in your Final Report. They may, however, have different titles and order, cover more aspects than those specifically requested. Providing your Final Report, you certify the exactitude of data as per your agreement with AIPH in accordance with the Regulations and Hosting Agreement.*

EXAMPLE TABLE OF CONTENTS

Congratulatory Statements

1. Executive Summary
2. Brief Information / Facts and Figures / Statistics / Curiosities

Fill in the 'People who Made it' table attached

Minimum required information:

- Location
- Dates of opening and closing and operational hours
 - Start date
 - End date
 - Total number of days
-
- Organization responsible
- AIPH category
- Theme
- Total attendance - number of visitors

Minimum required information:

- What was the total number of visitors to the Expo? This includes counting 1 person multiple times if they visited on multiple occasions. For example, if 1 person visited 3 times in 2 days, that would count as 3.
- What was the total number of unique visitors? Only counts an individual once for the entire Expo. For example, if 1 person visited 3 times in 2 days, that would only count as 1.
- How many unique visitors were Locals, Domestic and International? (Locals: from the host city and surrounds; Domestic: from the rest of the country, excluding Locals; International: from any other countries).
Locals:
Domestic:
International:
- On average, how many days did people attend the Expo based on where they were from? *For example, if there were two local visitors, one visiting on 10 separate days and another local visiting for 2 separate days, the average would be 6 days for the locals.*
Locals:
Domestic:

International:

- What estimated percentage of people travelled to the host city with the main purpose of attending the Expo?

Locals:

Domestic:

International:

- Total area of exhibition site, in ha
- Use of the site after the closing of the exhibition (i.e. legacy)
- Area of structure used for short/indoor shows (Categories A1 and B only)
- Number of short/indoor shows held (A1 and B only)
- Number of events: cultural programs, conferences, trade missions, etc

3. Organization

4. The Idea and Concept of the Exhibition

5. Post Expo Concept

6. Exhibition Area

- a. Masterplan
- b. Landscape & Planting (design concept, planting, maintenance, ...)
- c. Infrastructure and transport inside the Expo site (streets, pathways, parking, vehicles, energy....) **Fill in the 'Expo infrastructure and transport' table attached**
- d. Buildings (permanent, temporary, functions, ...)
- e. Exhibition Areas **Fill in the 'Expo Areas' table attached**
- f. Public Design
- g. Infrastructure and transport in the Host City, outside the Expo site (train station, airport, highways, planting, ...)

7. Participants

a. Official Participants

Minimum required information:

- Number of countries which participated:
 1. throughout the exhibition
 2. in indoor/short shows
- Total area occupied by exhibits remaining throughout the exhibition:
 1. from the host country (outdoor/indoor)
 2. from official participants (outdoor/indoor)
 3. from international participants (outdoor/indoor)
 4. International Participants
 5. National Participants
 6. Indoor Exhibition
- Other Aspects
 1. Were the transport costs of exhibitors reimbursed in accordance with AIPH Guidelines?
 2. Were special arrangements made for the inspection of plant material imported by exhibitors near or at the exhibition site?

3. How many international participants included information stands in or associated with their exhibits?
 - b. International Participants
 - c. National Participants
 - d. Indoor Exhibition
8. College of Commissioners General / Steering Committee
9. Competitions

Minimum required information:

- Were regulations for the organization of competitions and the award of prizes sent to AIPH-members and the General Secretariat?
 - Was an International Honorary Jury appointed in accordance with the AIPH Guidelines?
 - Who were the members of the jury?
 - Were technical juries or panels appointed?
 - What was the total value of money prizes awarded? (B category only)
 - What total sum was paid to exhibitors in compensation for the depreciation of their plant material?
 - Have these sums been paid to exhibitors entitled to them?
10. Conferences / Workshops / Business to Business
 11. Cultural Program & Art

Fill in the “Organisation and scope of Ceremonies” table attached

- a. The Opening Ceremony
- b. Street Entertainment
- c. Stage Program

Fill in the “Stage Performances” table attached

- d. Highlights
- e. Specials
- f. Kids Program
- g. Art / Exhibitions
- h. The Closing Ceremony

12. Operations

- a. Facility Management & Security
- b. Traffic Management
- c. Transport within and outside the Exposition
- d. Food & Beverage / Retail
- e. Visitor Information & Services
- f. Media Services
- g. Participant Services

13. Marketing and Communications, PR and Media-Statistics

- a. Visitor Structure, Design Day
- b. Theme, Key Visual, Claims, ...
- c. Merchandising
- d. Marketing / Advertisement
- e. Media & PR
- f. Sponsoring / Partner

14. List all national sponsors and partners

- a. Ticket Sales

Please provide detailed ticketing scheme with prices and sales in each category.

15. Reactions & Corrections

- a. Highlights
- b. Visitor Surveys
- c. Criticisms
- d. Complaints
- e. Media feedback
- f. Corrections

16. Budget / Financial Balance

Fill in the 'Expo Budget' table attached

17. Benefits of Organizing the exhibition / Legacy

18. Conclusion

19. Acknowledgements

20. Appendices

Exhibition Regulations / General Regulations

Special Regulations

Competition Regulations

People Who Made it Table

Stakeholders involved	Number of organizations	Total number of people present at the Expo
International Official Participants		
National Official Participants		

Future and former AIPH Horticultural Expo Organizers who were represented at the Expo or visited the Expo		
Expo Organizer, excl contracted Expo Site staff		
AIPH Members		
AIPH Secretariat		
National Sponsors/ Partners		
AIPH Worldwide Sponsors/ Partners		
Contracted Expo Site Staff		
Expo volunteers		
Security		
Press and photographers		
Ticketed visitors		
Non-ticketed visitors		
Any other essential stakeholder not included in this table, that you would like to specify		
Total		

Expo infrastructure and transport Table

Expo Infrastructure and transport Assets	Total number of units	Out of which, number of accessible for reduced mobility	Total transportation capacity in nr of people, if applicable	Total parking lots/ bus depots/ areas for transport in square meters, INSIDE the Expo territory
Streets				
Pathways				
Outdoor stairs				
Outdoor elevators				
Indoor stairs				
Indoor elevators				
Bridges				
Underground areas				
Transport inside the Expo site: please specify:				
- Bus/shared car				

- Car/ VIP				
- Scooter				
- Bicycle				
- Monorail or light train				
- Water transport				
- Other				
Expo Energy	Capacity (MVA)	Distribution line type (underground, overhead, mixed)	Percentage used, when related to other categories	Percentage to be used in the framework of Expo legacy plan
Provided with existing fixed utility/grid power				
Provided with new fixed utility/grid power				
Temporary electrical cable and electrical distribution				
Temporary heating/cooling				
Temporary lighting				

Expo Areas Table

Expo Areas	Total number of units	Total number in square meters
Accesses/Exits (Expo gates)		
Accommodation for International Official Participants		
Accommodation for National Official Participants		
Offices		
Media centers, if any		
International Gardens		
International indoor pavilions		
National Gardens		
National indoor pavilions		
Thematic Gardens		
Thematic pavilions		
Business Gardens		
Business pavilions		
Other Gardens, not included into any other category		
Other pavilions , not included into any other category		
Open air recreational areas, not included into any other category		

Water areas		
Cultural artefacts, monuments, landmarks, art installations		
Theaters, stages, performance areas		
Amusement park elements, attractions, if any		
Playgrounds and areas specifically for the use of children		
Restaurants, food and drink vendors		
Water fountains		
Medical and emergency points		
Hygiene, Facilities		
Total temporary constructions		
Total permanent constructions		
Total outdoor 'green' area (including all gardens, planted open air areas)		
Total		

Organisation and scope of Ceremonies Table

	Opening Ceremony	Closing Ceremony
Please indicate Venue		
Total spectator capacity		
Number of ceremony performers		
Number of ceremony volunteers		
Number of production staff		
Number of security and other auxiliary staff		
Number of heads of states who attended		
Number of High-level officials who attended		
Number of international organizations' representatives who attended		
Number of foreign countries' (diplomatic) representatives who attended		
Number of other foreign delegations who attended		
Number of national sponsors who attended		

Number of Worldwide AIPH sponsors who attended		
Number of artistic segments		
Number of artistic segments of future Expos organizers		
Duration		

Stage Performances Table, excluding Opening and Closing Ceremony, by Venue

	Venue name:
Total number of stage performances in this venue	
Total number of spectators who attended	
Total number of performers	
Total number of production staff	
Total number of security and other auxiliary staff	
Total duration of all stage performances, in number of hours	

Expo Budget Table

Expenditure	Amount in local currency	Amount in USD	%
Personnel & Organisation			
Personnel			
<i>Expo personnel</i>			
<i>External Personnel</i>			
other staff related costs			
Expo Board			
Commissioner General			
Housing			
Finance & Controlling			
Contracts / Legal Affairs			
Subsidies			
Permits			
BIE / AIPH			
Liquidation			

Marketing & Communications			
Project Management Corporate Identity / Corporate Design / Brand Management Market research Website & Social media Copywriting Press & Media, Corporate Communication Advertisement Marketing & Promotional Material Expo Publications (Map, Pocket Guide, Expo Book, Architecture)			
Sales / Sponsoring / Partners			
Project Management Sponsor attraction Sponsor activation Licences Partners Universities, other Stakeholders			
Ticketing & Accreditation			
Project Management Ticket Sales <i>Ticket Partner</i> <i>Promotion Material, Travel Trade Fairs</i> <i>Reseller Contracts</i> Ticketing System <i>Ticketing- & Accreditation System</i> <i>Cash Register / Payment System</i> <i>Operation Ticketing & Access control</i> <i>Operation Accreditationsystem</i> <i>Cash Transport</i>			
Participants			
Project Management Official Participants National Horticultural Sector			

National participants			
Expo Initiatives			
Participant Services			
Protocol			
Competitions			
Events Program			
Project Management			
Cultural Program			
Art			
Stages and Stage Operation			
Artist Handling			
Educational Events			
Kids Program			
B2B, Seminars, Workshops, Symposia, ...			
Operations			
Project Management			
Personel & Training			
Preview			
Visitor Services / Hospitality			
Food & Beverage / Retail / Services			
Security			
Fire Brigade			
First Aid & Medical Services			
Traffic and Parking			
Facility Management			
<i>Project Management</i>			
<i>Operations + Service Center</i>			
<i>Cleaning</i>			
<i>Waste Management</i>			
<i>Technical Facility Management</i>			
Logistics & Mobility			
Energy / Water / IT / ...			
Surrounding Infrastructure (outside Expo territory)			

Roads (including High Speed)				
Bridges or Tunnels for vehicles or trains				
Trains (including High Speed)				
Railway Stations				
Airport				
Air Routes				
Seaport				
Other Transportation (please specify)				
Any other infrastructure and transport that is not listed above but received budget allocation				

Expo infrastructure and areas (inside Expo territory)				
Streets				
Pathways				
Outdoor stairs				
Outdoor elevators				
Indoor stairs				
Indoor elevators				
Bridges				
Underground areas				
Transport inside the Expo site: please specify:				
- Bus/shared car				
- Car/ VIP				
- Scooter				
- Bicycle				
- Monorail or light train				
- Water transport				
- Other				
Accesses/Exits (Expo gates)				
Accommodation for International Official Participants				
Accommodation for National Official Participants				
Offices				
Media centers, if any				
International Gardens				
International indoor pavilions				
National Gardens				

National indoor pavilions				
Thematic Gardens				
Thematic pavilions				
Business Gardens				
Business pavilions				
Other Gardens, not included into any other category				
Other pavilions , not included into any other category				
Open air recreational areas, not included into any other category				
Water areas				
Cultural artefacts, monuments, landmarks, art installations				
Theaters, stages, performance areas				
Amusement park elements, attractions, if any				
Playgrounds and areas specifically for the use of children				
Restaurants, food and drink vendors				
Water fountains				
Medical and emergency points				
Hygiene, Facilities				
Total temporary constructions				
Total permanent constructions				
Total outdoor 'green' area (including all gardens, planted open air areas)				

2. Valuation Questionnaires

The Valuation Questionnaire is designed to create a comparable benchmark across future Expos and measure long-lasting Expo benefits that go beyond aspects covered in the final report and spanning farther in time.

Thus, the Expo organizer or their Representative, as outlined in the Expo Legacy Plan, will be required to fill in the Questionnaire 1: **90 days after the Expo closure** and the Questionnaire 2: **three years after the Expo closure**.

The Valuation Questionnaires will allow Expo organizers and their stakeholders to have an overall vision of the possible Expo impacts and legacy to maximize the Expo benefits for the host city and country. The results of these questionnaires shared with future Expo organizers will offer a means of evaluating the effects of certain decisions and adjust those for the future Expos.

The Valuation questionnaires provide a list of questions in an attempt to measure the **7 key Expo Impact areas**:

1. **Economic Impact**
2. **Enhancing Reputation**
3. **Sustainability**
4. **Developing Cities**
5. **Driving Tourism**
6. **Education and Inspiration**
7. **Institutional Capacity Legacy**

The Expo Organizer must submit the most accurate data in this report and if necessary, contract a research party who would be objective and impartial.

Valuation Questionnaire 1,

within 90 days after the Expo closure

– Please answer the questions in the most accurate manner. By filling in this questionnaire, you certify the exactitude of provided data as per your agreement with AIPH in accordance with the Regulations and Hosting Agreement.

For all local currencies used, please provide an equivalent in USD.

For year calculation,

Before the Expo: count all calendar years (January to December) before the opening date

After the Expo: count all calendar years (January to December) after the closure date

1. Economic Impact

1. Direct Economic Impact

a) Revenues from ticketing

Ticket Category, including Free tickets	Number of tickets sold/distributed in category	Amount received in local currency	Amount received in USD
Total			

b) Revenues from sponsorship

Sponsors	Amount contributed in local currency	Amount contributed in USD	Asset provided
Total			

Sponsors contributing with 'value in kind'	Estimated amount contributed in local currency	Estimated amount contributed in USD	Asset provided
Total			

c) Revenues from Expo Visitation

Estimated spend by Expo tourists, per day	Locals, amount spent in local currency	Locals, amount spent in USD	Domestic, amount spent in local currency	Domestic, amount spent in USD	International, amount spent in local currency	International, amount spent in USD
Hotels						
Local transportation other than airfare						
Merchandise or retail purchases at the Expo						
Retail purchases outside of the Expo						
Food and drinks at the Expo						
Food and drinks outside the Expo						
Tickets, entertainment and other tours outside the Expo						
Total						

d) Revenues from donations

Donors	Amount contributed in local currency	Amount contributed in USD
Total		

2. Employment, Expo city and region

Category	Number of people, 5 years before the Expo	Number of people, during the Expo
Total population		
Total active population (excl children, retired, disabled)		
Out of which, employed		
Out of which, unemployed		

3. *Number and size of companies, Expo city and region*

Category	Number of companies, 5 years before the Expo	Number of companies, during the Expo
Micro companies (0-9 FTE jobs)		
Small companies (10-49 FTE jobs)		
Medium-sized companies (50-249 FTE jobs)		
Large companies (250+ FTE jobs)		

4. *All jobs related to Expo, Expo city and region*

Category	Number
All jobs related to Expo as annual full-time equivalents (FTEs)	

5. *Estimated tax revenue generated for the government, including VAT, Expo country*

Category	Number
Estimated tax revenue generated, including VAT	

6. *Businesses attracted to the Expo city and region, in direct relation to Expo, Expo city and region*

Category	Number
Micro companies (0-9 FTE jobs)	
Small companies (10-49 FTE jobs)	
Medium-sized companies (50-249 FTE jobs)	
Large companies (250+ FTE jobs)	

7. *Impact on the horticultural industry, Expo city and region*

Please provide an estimate impact on sales of plants and flowers.

2. Enhancing Reputation

1. Foreign organisations established in Expo city and region

Category	Number: 5 years before the Expo	Number: During the Expo
Foreign Private companies (companies, subsidiaries, etc.)		
Foreign Public organizations (associations, federations, foundations, international organisations)		
Total		

2. Demographics dynamics, Expo city and region

Category	Number: 5 years before the Expo	Number: During the Expo
Total population		
Births		
Deaths		
Migration: inbound		
Migration: outcoming		

3. Hosting of international events, Expo city and region

Category	Number: 5 years before the Expo	Number: During the year of the Expo
Sporting		
Cultural		
Political		
Social and economic		
Environmental		

4. Imports to Exports balance, Expo country

Category	Number: 5 years before the Expo	Number: During the Expo
Import activities, total value over the nominal GDP		
Export activities, total value over the nominal GDP		

5. *Investment risks, Expo country*

Category	Rating: 5 years before the Expo	Rating: During the Expo
Composite International Country Risk Guide (ICRG) risk rating, from 0 to 100		
Euromoney country credit-worthiness rating, from 0 to 100		

6. *Foreign Direct Investment, Expo country*

Category	Number: 5 years before the Expo, USD	Number: 3 years before the Expo, USD	Number: During the Expo, USD
Capital foreign investment during a year			

7. *City ranking, Expo city*

Please list all available international and national city rankings, related to quality of life, economy, culture, political power and any other indicator	Position: 5 years before the Expo	Position: the Expo year

8. *Media image of the Expo city.*

Please provide examples of the Expo impact on the media image of the Expo city.

9. *Image of the Expo city in the Expo country*

Please provide a case study with evidence of public perception of the image of the Expo city before the Expo project and after the Expo.

3. Sustainability

Please provide details on the goals & objectives reached¹ during the Expo, for Expo city and region².

3.1 Sustainability priorities & goals

ID	Sustainability Priorities / Goals	Key Performance Indicators	Baseline	Target	% target achieved
1	<i>Using plants and green spaces to support climate adaptation and resilience programmes in urban environments</i>	<i>E.g. % Expo green spaces dedicated to mitigate climate change</i>	20%	35%	
2	<i>Promoting nature in cities and sustainable horticultural practices worldwide</i>	<i>E.g. N° of promotion/dissemination activities organised N° and type of activities promoting nature in the city</i>	0 5	30 40	
3	<i>Adopting circular economy principles, reducing plastic waste and other forms of pollution, supporting efficient production and ethical supply chain management</i>				
4	<i>Promoting plant growing and green spaces for all, upholding fair and equitable practices across the horticultural value chain, diversity, and human rights</i>				
5	<i>Engaging, informing, and inspiring people to appreciate the importance of plants and the places where they</i>				

¹ In case any goals or objectives have not been reached, please provide an explanation as to why.

² Please build on the targets set in the Strategy and the Implementation plan

	<i>grow, and to take action to protect and enhance their local environment through plant growing</i>				
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Comments:

3.2 – Objectives

1. Design

ID	Objective	Key Performance Indicators	Baseline	Target	% target achieved
1.1	<i>Design to use space and materials in an efficient manner</i>	<i>Integrated design approach with clear standards</i>	<i>N/A</i>	<i>Developed and used for the entire Expo</i>	
1.2					

Comments:

2. Contractors & Construction

ID	Objective	Key Performance Indicators	Baseline	Target	% target achieved
2.1	<i>Use renewable and recyclable materials when building new structures</i>	<i>Certification for buildings by the Leadership in Energy and Environmental Design (LEED).</i>	<i>N/A</i>	<i>Platinum / Gold certification</i>	
2.2					

Comments:

3. International Participants

ID	Objective	Key Performance Indicators	Baseline	Target	% target achieved
3.1	<i>Enable participants and facility managers to understand and</i>	<i>Percentage of pavilions and buildings to</i>	<i>0</i>	<i>80%</i>	

	<i>contribute to responsible use of resources</i>	<i>have smart metering with digital feedback for energy and water consumption</i>			
3.2					

Comments:

4. Transport

ID	Objective	Key Performance Indicators	Baseline	Target	% target achieved
4.1	<i>Provide access to safe, affordable, accessible and sustainable transport systems</i>	<i>N° of electrified public transport</i>			
4.2	<i>Encourage alternative transport methods</i>	<i>GHG emission</i>	<i>10 ton</i>	<i>3 ton</i>	

Comments:

5. Biodiversity

ID	Objective	Key Performance Indicators	Baseline	Target	% target achieved
5.1	<i>e.g. Ensure the enforcement of the international treaties on biodiversity conservation</i>	<i>N° of treaties enforced</i>	<i>N/A</i>	<i>3</i>	
5.2					

Comments:

6. Energy

ID	Objective	Key Performance Indicators	Baseline	Target	% target achieved
6.1	<i>e.g. Reduce energy consumption</i>	<i>Gigawatt/hour</i>	<i>150</i>	<i>90</i>	
6.2					

Comments:

7. Water

ID	Objective	Key Performance Indicators	Baseline	Target	% target achieved
7.1	<i>e.g. minimize water consumption</i>	<i>Million Litres/hour</i> <i>% publicly accessible fixture and fitting with smart controls</i>	50 35%	15 90%	
7.2					

Comments:

8. Pollution

ID	Objective	Key Performance Indicators	Baseline	Target	% target achieved
8.1	<i>Minimise excessive lightening</i>	<i>High efficiency public realm lighting systems; Public open space lighting that incorporate automatic controls, sensors or other energy saving technologies</i>	0	<i>Fully functional before the opening and for the entire duration of the Expo</i>	

Comments:

9. Carbon

ID	Objective	Key Performance Indicators	Baseline (e.g.) 2022	Target (e.g.) 2026	% target achieved
9.1	<i>e.g. minimise carbon emissions during the Expo timeline</i>	<i>greenhouse gas (GHG) reduction strategy</i>	<i>No strategy – to be developed</i>	<i>Full implementation</i>	
		<i>% of GHG reduced</i>	<i>Site-wide carbon emissions in 2022</i>	<i>30% reduction</i>	
9.2					

Comments:

10. Sustainable Events Operations and Management

ID	Objective	Key Performance Indicators	Baseline	Target	% target achieved
10.1	<i>Achieve ISO 20121 Sustainable</i>	<i>Certification awards</i>	<i>N/A</i>	<i>Achieved</i>	

	<i>Event Management certification</i>				
10.2	<i>Achieve Sustainable Events Standards</i>	<i>Certification awards</i>	<i>N/A</i>	<i>Platinum / Gold Sustainable Events Standards</i>	

Comments:

11. Waste & Dismantlement

ID	Objective	Key Performance Indicators	Baseline	Target	% target achieved
11.1	<i>Minimize the quantity of waste to landfill</i>	<i>Metric Tons</i>	<i>Based on the amount of recyclable construction material (%)</i>	<i>Based on the amount of recyclable construction material (%)</i>	
11.2					

Comments:

12. Legacy

ID	Objective	Key Performance Indicators	Baseline	Target	% target achieved
12.1	<i>Develop solutions in sustainability that are scalable and can be rolled out and implemented on a broad level, extending the benefits to the wider economy</i>	<i>Percentage of materials used in permanent construction retained for Legacy</i>	<i>0</i>	<i>90%</i>	

Comments:

3.2 Policies developed and implemented

Please list the various policies that you have developed and/or implemented during the Expo³.

³ Please refer to section 4 of the Strategy document.

UN Agenda 2030

Please provide details as to which Sustainable Development Goals and related targets the Expo contributed to⁴.

Target	Initially planned to contribute?	Actually contributed?	How?
SDG 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture			
Target 2.1			
Target 2.3			
Target 2.4			
Target 2.5			
Target 2.a			
SDG 5: Achieve gender equality and empower all women and girls			
Target 5.1	✓		<i>e.g. Implement a Diversity & Inclusion strategy</i>
Target 5.a	✓		<i>e.g. Apply an equal and fair recruitment process</i>
Target 5.b			
Target 5.c			
SDG 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all			
Target 8.3			
Target 8.4			
Target 8.5			
Target 8.6			
Target 8.7			
Target 8.8			
Target 8.9			
Target 8.a			
Target 8.b			
SDG 9: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation			
Target 9.1			
Target 9.3			
Target 9.a			
SDG 11: Make cities and human settlements inclusive, safe, resilient and sustainable			
Target 11.3			
Target 11.4			
Target 11.7			
Target 11.b			
SDG 12: Ensure sustainable consumption and production patterns			
Target 12.3			
Target 12.4			
Target 12.5			
Target 12.6			

⁴ Please refer to the table in section 3.2.1 of the Strategy.

Target 12.7			
Target 12.8			
Target 12.a			
Target 12.b			
SDG 13: Take urgent action to combat climate change and its impacts			
Target 13.2			
Target 13.3			
SDG 15: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss			
Target 15.5			
Target 15.6			
Target 15.7			
Target 15.8			
Target 15.9			
Target 15.a			
Target 15.c			
SDG 17: Strengthen the means of implementation and revitalize the global partnership for sustainable development			
Target 17.6			
Target 17.7			
Target 17.10			
Target 17.11			
Target 17.15			
Target 17.16			
Target 17.17			

3.3 Communications and Engagement

Please provide details on the communications and engagement activities carried out during the Expo⁵.

Objective	Action	Target audience	Target audience numbers	% target achieved
<i>7.1- Minimise carbon emissions during the Expo timeline</i>	<i>7.1.6 Production of a key achievements & lesson learned brief</i>	<i>General public & sustainability experts</i>	<i>200 copies</i>	
	<i>7.1.7 Presentation of a key</i>	<i>General public & sustainability experts</i>	<i>50</i>	

⁵ Please refer to the Communications & Engagement plan

	<i>achievements & lesson learned brief</i>			
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3.4 Education

Please provide details on the education activities carried out during the Expo⁶.

Objective	Action	Target audience	Target audience numbers	% target achieved
<i>9.1 - Minimise carbon emissions during the Expo timeline</i>	<i>9.1.1 Best practices workshops</i>	<i>Schools & Universities</i>	<i>800</i>	<i>4 event per year: 8 events</i>
<i>11.1 Minimise the quantity of waste to landfill</i>	<i>11.1.1 Distribution of best practices fact sheet</i>	<i>All construction and facility management personnel</i>	<i>1500</i>	<i>At staff meetings before the start of construction</i>

3.5 General

Please provide details on any awards, standards and certifications achieved.

4. Developing cities

1. Public transport infrastructure evolution, Expo city and region

Transport type	Indicator	Total existing	Accessible with disabilities	Out of which, constructed for the Expo (in %)	Accessible with disabilities (in %)
Train	Length of network				
	Total number of vehicles				
	Total number of stations				
Bus	Length of network				
	Total number of vehicles				

⁶ Please refer to the Sustainability Education plan

	Total number of stations				
Ferry	Length of network				
	Total number of vehicles				
	Total number of stations				
Monorail	Length of network				
	Total number of vehicles				
	Total number of stations				
Tram	Length of network				
	Total number of vehicles				
	Total number of stations				
Other, please specify	Length of network				
	Total number of vehicles				
	Total number of stations				

2. Road infrastructure evolution, Expo city and region

Road type	Number of roads constructed for the Expo or in connection with the Expo project	Total in km, constructed for the Expo or in connection with the Expo project
High speed road		
Other, please specify		

3. Hotel accommodation cost evolution, Expo city and region

Hotel Type	Average Basic double room cost per room, 3 years before the Expo	Average Basic double room cost per room, during the Expo	Percentage change
2-star			
3-star			
4-star			
5-star			

4. Real estate market, Expo city and region

Asset Type	Cost 10 years before	Cost 1 year before	Cost during the Expo	Percentage change
Land, per square km				
New Residential buildings for sale (built not later than 10 years before the Expo), per square m				
Recent Residential buildings for sale (built not later than 50 years before the Expo), per square m				
Historical Residential buildings for sale (built more than 50 years before the Expo), per square m				
Office buildings for sale, per square m				

5. Driving Tourism

1 Number of tourists, Expo city and region

Indicator	3 years before the Expo	During the Expo	Numbers evolution in percentage, compared to value in column 1
Number of tourists per year			
Average length of stay in days			

2 Air traffic, Expo city and region

Indicator	3 years before the Expo	During the Expo	Numbers evolution in percentage, compared to value in column 1
Number of passengers, average monthly, excluding passengers in transit			
Number of passengers in transit, average monthly			
Air freight in tons, average monthly			

6. Education and Inspiration

1. Expo-related educational activities, Expo city and region

Category	Number of people reached, 3 years before the Expo	Number of people reached, 2 years before the Expo	Number of people reached, 1 year before the Expo	Number of people reached, during the Expo
Environmental protection				
Sustainability				
Use of plants and flowers				
Biodiversity				

2. Community associations, Expo city and region

Category	Number: 5 years before the Expo	Number: Expo year	Number evolution in %, compared to number column 1
Sporting			
Cultural			
Political			
Social and economic			
Environmental			

3. Crime rates, Expo city and region

Category	Number: 5 years before the Expo	Number: Expo year	Number evolution in %, compared to number column 1
Total recorded crimes against persons, delinquency			
Total recorded crimes against persons, serious crime			
Total recorded crimes against property			

4. Cultural establishments and activities, Expo city and region

Category	Number of establishments, 5 years before the Expo	Number of tickets sold per year: 5 years before the Expo	Number of establishments, Expo year	Number of tickets sold per year: Expo year	Number evolution in %, compared to number column 1
Museums					
Cinemas					
Theatres					
Opera					
Concert halls					
Galleries					
Ticketed historical buildings					
Ticketed historical sites					

Other, please, specify					
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5. Gardening associations, community gardens and other garden-related centres, Expo city and region

Category	Number of establishments, 5 years before the Expo	Number of establishments, Expo year	Number evolution in %, compared to number column 1
Gardening associations			
Community gardens			
Amateur florists associations			
Other garden and plants-related establishments			

6. Gardening courses and flower art courses for adults, Expo city and region

Category	Number of people enrolled per year, 5 years before the Expo	Number of people enrolled, Expo year	Number evolution in %, compared to number column 1
Gardening courses			
Cut flower art courses			

7. Gardening and plant education in schools, Expo city and region

Category	Number of hours per year, per child enrolled, 5 years before the Expo	Number of hours per year, per child enrolled, Expo year	Number evolution in %, compared to number column 1
Gardening and plant courses, primary education			
Gardening and plant courses, secondary education			

7. Institutional Capacity Legacy

Please provide case studies of all the post-Expo developments in relation to the following subjects:

- 1 Institutional capacity legacy in city management and mega events management
- 2 Cleaner and greener infrastructure
- 3 New approaches to optimizing cost of mega events
- 4 New approaches to financing events

Valuation Questionnaire 2,

three years after the Expo closure

– Please answer the questions in the most accurate manner. By filling in this questionnaire, you certify the exactitude of provided data as per your agreement with AIPH in accordance with the Regulations and Hosting Agreement.

For all local currencies used, please provide an equivalent in USD.

For year calculation,

Before the Expo: count all calendar years (January to December) before the opening date

After the Expo: count all calendar years (January to December) after the closure date

1. Economic Impact

1. Employment, Expo city and region

Category	Number of people, +3 years after the Expo closure
Total population	
Total active population (excl children, retired, disabled)	
Out of which, employed	
Out of which, unemployed	

2. Number and size of companies, Expo city and region

Category	Number of companies, +3 years after the Expo closure
Micro companies (0-9 FTE jobs)	
Small companies (10-49 FTE jobs)	
Medium-sized companies (50-249 FTE jobs)	
Large companies (250+ FTE jobs)	

3. Businesses attracted to the Expo city and region, after the Expo, Expo city and region

Category	Number, +3 years after the Expo closure
Micro companies (0-9 FTE jobs)	
Small companies (10-49 FTE jobs)	
Medium-sized companies (50-249 FTE jobs)	
Large companies (250+ FTE jobs)	

2. Enhancing Reputation

1. Foreign organisations established in Expo city and region

Category	Number: +3 years after the Expo closure
Foreign Private companies (companies, subsidiaries, etc.)	
Foreign Public organizations (associations, federations, foundations, international organisations)	
Total	

2. Demographics dynamics, Expo city and region

Category	Number: +3 years after the Expo closure
Total population	
Births	
Deaths	
Migration: inbound	
Migration: outcoming	

3. Hosting of international events, Expo city and region

Category	Number: +3 years after the Expo closure
Sporting	
Cultural	
Political	
Social and economic	
Environmental	

4. Imports to Exports balance, Expo country

Category	Number: +3 years after the Expo closure
Import activities, total value over the nominal GDP	
Export activities, total value over the nominal GDP	

5. Investment risks, Expo country

Category	Rating: +3 years after the Expo closure
Composite International Country Risk Guide	

(ICRG) risk rating, from 0 to 100	
Euromoney country credit-worthiness rating, from 0 to 100	

6. Foreign Direct Investment, Expo country

Category	Number: +3 years after the Expo closure, USD
Capital foreign investment during a year	

7. City ranking, Expo city

Please list all available international and national city rankings, related to quality of life, economy, culture, political power and any other indicator	Position: +3 years after the Expo closure

3. Sustainability

Please provide updates on the goals & objectives set for Expo city and region⁷ 3 years after the Expo closure.

3.1 Sustainability priorities & goals

ID	Sustainability Priorities / Goals	Key Performance Indicators	Baseline	Target	% target achieved
1	Using plants and green spaces to support climate adaptation and resilience programmes in urban environments	E.g. % Expo green spaces dedicated to mitigate climate change	20%	35%	

⁷ Please build on the numbers mentioned in the valuation questionnaire 1

2	<i>Promoting nature in cities and sustainable horticultural practices worldwide</i>	<i>E.g. N° of promotion/dissemination activities organised N° and type of activities promoting nature in the city</i>	0 5	30 40	
3	<i>Adopting circular economy principles, reducing plastic waste and other forms of pollution, supporting efficient production and ethical supply chain management</i>				
4	<i>Promoting plant growing and green spaces for all, upholding fair and equitable practices across the horticultural value chain, diversity, and human rights</i>				
5	<i>Engaging, informing, and inspiring people to appreciate the importance of plants and the places where they grow, and to take action to protect and enhance their local environment through plant growing</i>				

Comments:

3.2 – Objectives

1. Design

ID	Objective	Key Performance Indicators	Baseline	Target	% target achieved

1.1	<i>Design to use space and materials in an efficient manner</i>	<i>Integrated design approach with clear standards</i>	<i>N/A</i>	<i>Developed and used for the entire Expo</i>	
1.2					

Comments:

2. Contractors & Construction

ID	Objective	Key Performance Indicators	Baseline	Target	% target achieved
2.1	<i>Use renewable and recyclable materials when building new structures</i>	<i>Certification for buildings by the Leadership in Energy and Environmental Design (LEED).</i>	<i>N/A</i>	<i>Platinum / Gold certification</i>	
2.2					

Comments:

3. International Participants

ID	Objective	Key Performance Indicators	Baseline	Target	% target achieved
3.1	<i>Enable participants and facility managers to understand and contribute to responsible use of resources</i>	<i>Percentage of pavilions and buildings to have smart metering with digital feedback for energy and water consumption</i>	<i>0</i>	<i>80%</i>	
3.2					

Comments:

4. Transport

ID	Objective	Key Performance Indicators	Baseline	Target	% target achieved
4.1	<i>Provide access to safe, affordable, accessible and sustainable transport systems</i>	<i>N° of electrified public transport</i>			

4.2	<i>Encourage alternative transport methods</i>	<i>GHG emission</i>	<i>10 ton</i>	<i>3 ton</i>	
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Comments:

5. Biodiversity

ID	Objective	Key Performance Indicators	Baseline	Target	% target achieved
5.1	<i>e.g. Ensure the enforcement of the international treaties on biodiversity conservation</i>	<i>N° of treaties enforced</i>	<i>N/A</i>	<i>3</i>	
5.2					

Comments:

6. Energy

ID	Objective	Key Performance Indicators	Baseline	Target	% target achieved
6.1	<i>e.g. Reduce energy consumption</i>	<i>Gigawatt/hour</i>	<i>150</i>	<i>90</i>	
6.2					

Comments:

7. Water

ID	Objective	Key Performance Indicators	Baseline	Target	% target achieved
7.1	<i>e.g. minimize water consumption</i>	<i>Million Litres/hour</i> <i>% publicly accessible fixture and fitting with smart controls</i>	<i>50</i> <i>35%</i>	<i>15</i> <i>90%</i>	
7.2					

Comments:

8. Pollution

ID	Objective	Key Performance Indicators	Baseline	Target	% target achieved
8.1	<i>Minimise excessive lightening</i>	<i>High efficiency public realm lighting</i>	<i>0</i>	<i>Fully functional</i>	

		<i>systems; Public open space lighting that incorporate automatic controls, sensors or other energy saving technologies</i>		<i>before the opening and for the entire duration of the Expo</i>	
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Comments:

9. Carbon

ID	Objective	Key Performance Indicators	Baseline (e.g.) 2022	Target (e.g.) 2026	% target achieved
9.1	<i>e.g. minimise carbon emissions during the Expo timeline</i>	<i>greenhouse gas (GHG) reduction strategy</i>	<i>No strategy – to be developed</i>	<i>Full implementation</i>	
		<i>% of GHG reduced</i>	<i>Site-wide carbon emissions in 2022</i>	<i>30% reduction</i>	
9.2					

Comments:

10. Sustainable Events Operations and Management

ID	Objective	Key Performance Indicators	Baseline	Target	% target achieved
10.1	<i>Achieve ISO 20121 Sustainable Event Management certification</i>	<i>Certification awards</i>	<i>N/A</i>	<i>Achieved</i>	
10.2	<i>Achieve Sustainable Events Standards</i>	<i>Certification awards</i>	<i>N/A</i>	<i>Platinum / Gold Sustainable Events Standards</i>	

Comments:

11. Waste & Dismantlement

ID	Objective	Key Performance Indicators	Baseline	Target	% target achieved
11.1	<i>Minimize the quantity of waste to landfill</i>	<i>Metric Tons</i>	<i>Based on the amount of recyclable construction material (%)</i>	<i>Based on the amount of recyclable construction material (%)</i>	

11.2					
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Comments:

12. Legacy

ID	Objective	Key Performance Indicators	Baseline	Target	% target achieved
12.1	<i>Develop solutions in sustainability that are scalable and can be rolled out and implemented on a broad level, extending the benefits to the wider economy</i>	<i>Percentage of materials used in permanent construction retained for Legacy</i>	<i>0</i>	<i>90%</i>	

Comments:

4. Developing cities

1. Hotel accommodation cost evolution, Expo city and region

Hotel Type	Average Basic double room cost per room, +3 years after the Expo closure
2-star	
3-star	
4-star	
5-star	

2. Real estate market, Expo city and region

Asset Type	Cost, +3 years after the Expo closure
Land, per square km	
New Residential buildings for sale (built not later than 10	

Asset Type	Cost, +3 years after the Expo closure
years before the Expo), per square m	
Recent Residential buildings for sale (built not later than 50 years before the Expo), per square m	
Historical Residential buildings for sale (built more than 50 years before the Expo), per square m	
Office buildings for sale, per square m	

8. Driving Tourism

1 Number of tourists, Expo city and region

Indicator	+3 years after the Expo closure
Number of tourists per year	
Average length of stay in days	

2 Air traffic, Expo city and region

Indicator	+3 years after the Expo closure
Number of passengers, average monthly, excluding passengers in transit	
Number of passengers in transit, average monthly	
Air freight in tons, average monthly	

9. Education and Inspiration

1. Community associations, Expo city and region

Category	Number: +3 years after the Expo closure
Sporting	

Cultural	
Political	
Social and economic	
Environmental	

2. *Crime rates, Expo city and region*

Category	Number: +3 years after the Expo closure
Total recorded crimes against persons, delinquency	
Total recorded crimes against persons, serious crime	
Total recorded crimes against property	

3. *Gardening associations, community gardens and other garden-related centres, Expo city and region*

Category	Number of establishments, +3 years after the Expo closure
Gardening associations	
Community gardens	
Amateur florists associations	
Other garden and plants-related establishments	

4. *Gardening courses and flower art courses for adults, Expo city and region*

Category	Number of people enrolled per year, +3 years after the Expo closure
Gardening courses	
Cut flower art courses	

5. *Gardening and plant education in schools, Expo city and region*

Category	Number of hours per year, per child enrolled, +3 years after the Expo closure
Gardening and plant courses, primary education	

Gardening and plant courses, secondary education	
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10. Institutional Capacity Legacy

Please provide case studies of all the post-Expo developments in relation to the following subjects, if any new studies have been conducted:

- 5 Institutional capacity legacy in city management and mega events management
- 6 Cleaner and greener infrastructure
- 7 New approaches to optimizing cost of mega events
- 8 New approaches to financing events