



جائزة دبي الدولية لأفضل الممارسات  
Dubai International Award  
For Best Practices

# 12<sup>th</sup> Dubai International Best Practices Award for Sustainable Development

Applicant Guidebook

# About The Award

## History of the Award:

Established in 1995—under the directive of the late Sheikh Maktoum Bin Rashid Al Maktoum during the United Nations International Conference in Dubai—as an outcome of the Dubai Declaration. This declaration created the international concept of sharing Best Practices for the accelerated development of the human settlements sector.

## Purpose of the Award:

The Dubai International Best Practices Award for Sustainable Development aims to recognize excellence and support human settlements best practices and to create a global and unique knowledge sharing platform for best practices in human settlements.

To be awarded in November 2020 during Expo 2020 Dubai.

Total award prizes: \$1 Million



# Award Categories

## Category 1:

### **Best Practices Award in Urban Regeneration and Public Spaces** *(including 2 focus areas)*

Urban development is defined as the process of building towns and cities and making them larger.

This category caters for addressing the cities of the future; finding ways in which cities ensure to provide affordable housing and access to food, water, clean air, mobility, public life and nature for continuously more numerous urban populations.

## Category 2:

### **Best Practices Award in Construction of Sustainable, Innovative and Smart Buildings** *(including 2 focus areas)*

Sustainable, innovative and smart buildings are defined as buildings that can conserve an ecological balance by avoiding depletion of natural resources, equipped with electronic devices that can be controlled remotely by smartphone.

This category caters for finding sustainable, innovative, and smart projects for the development of smart buildings in order to limit environmental impact, increase human well-being and contribute to the achievement of sustainable development goals.

## Category 3:

### **Best Practices Award in Sustaining Urban Food Systems** *(Including 3 focus areas)*

Food security is defined as the state of having reliable access to a sufficient quantity of affordable and nutritious food.

This category caters for systemic change and much improved access to food by all people while maintaining a strong connection between food production, storage and supply to local, regional and global beneficiaries showing an impact on human settlements.

## Category 4:

### **Best Practices Award in Addressing Climate Change and Reducing Pollution** *(Including 2 focus areas)*

Living environment is defined as the natural world, as a whole or in a particular geographical area, especially as affected by human activity.

This category caters for solutions addressing climate change, pollution reduction, and the protection of a thriving biodiversity including long-term governance mechanics, stakeholder participation and circular economy.

## Category 5:

### **Best Practices in Urban Infrastructure Planning and Management** *(Including 2 focus areas)*

Infrastructure is defined as the basic physical and organizational structures and facilities (e.g. buildings, roads, power supplies, etc.) needed for the operation of a society or enterprise.

This category caters for finding adaptable, local and resilient solutions, that will enable longer lifecycle of infrastructure, due to the fast-paced transformations in line with the 4th industrial revolution relying on innovative, futuristic and sustainable projects improving living conditions.



# Who Can Participate

- *National and local governments*
- *Non-governmental organizations*
- *Corporate and Private sector companies*
- *Academic institutions*
- *Media entities*
- *Individuals (Researchers, professional teams, etc.)*

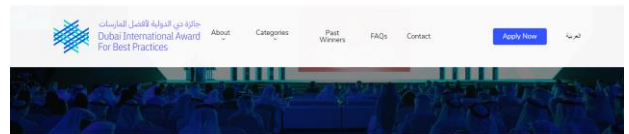
## Eligibility Criteria

1. The project, subject of the application, shall be implemented with tangible results for a period of at least one year (project launch should not exceed five years from the date of application)
2. The applicant should comply to the award eligibility criteria
3. The applicant should submit all requirements within the announced deadlines
4. The applicant should not participate in more than one project per category. The submitted project cannot be used in more than one category
5. The applicant should complete the online application form and submit all requirements on the official award website
6. The applicant must provide official documents to prove his status in relation to the submitted project as individual, organization or corporate (ID documents, Authorization letter, Commercial / Registration license, etc.)
7. By applying to the award, the applicant gives full authorization to the award management to archive the submitted content and use it for specific publications. It is not of his/her right to request the recovery or restrict the team to publish or share some of the submission contents



# Submission Process

1. Register as a new user in dubaiaward.ae
2. Complete Online Submission Form on dubaiaward.ae
3. Review and submit the Application form
4. Checking submission status through the platform

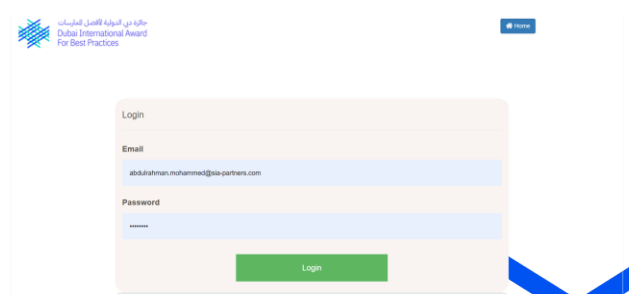
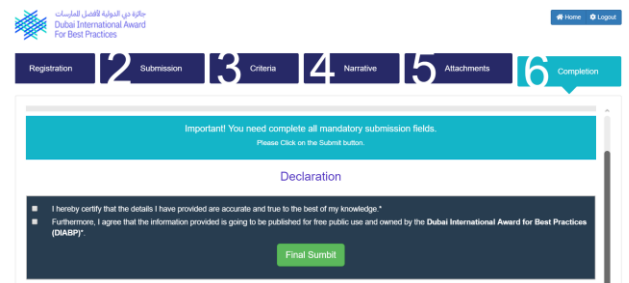


Apply Now

Start Your Application

Resume Application

Important Dates

The registration form includes fields for: 'First Name\*', 'Middle Name', 'Last Name\*', 'Mobile\*' (with a dropdown for country code), 'Landline Phone', 'Email address\*', 'Confirm Email address\*', 'Password\*', and 'Confirm your Password\*'. A green 'Register' button is at the bottom right.

# Online Application Process

1. Fill in personal and project information
2. Choose category and focus area
3. Fill in criteria requirements
4. Fill in narrative requirements
5. Submit supportive documents as attachments

The main attachment should follow the structure below:

- a) Project background and short description (Max. 250 words)
  - b) Motivations, Inspirations and problems tackled (Max. 250 words)
  - c) Technical details and information (Max. 500 words)
  - d) Results and impact (Max. 1000 words)
  - e) Proofs: Links to access related videos, Links to access related photos, press releases, project master plan adequate summary, related official documentation, proofs of results mentioned in the online submission form... etc.))
  - f) Appendix for any other information
6. Review all submission contents
  7. Review submission checklist to ensure all requirements are fulfilled
  8. Complete your submission



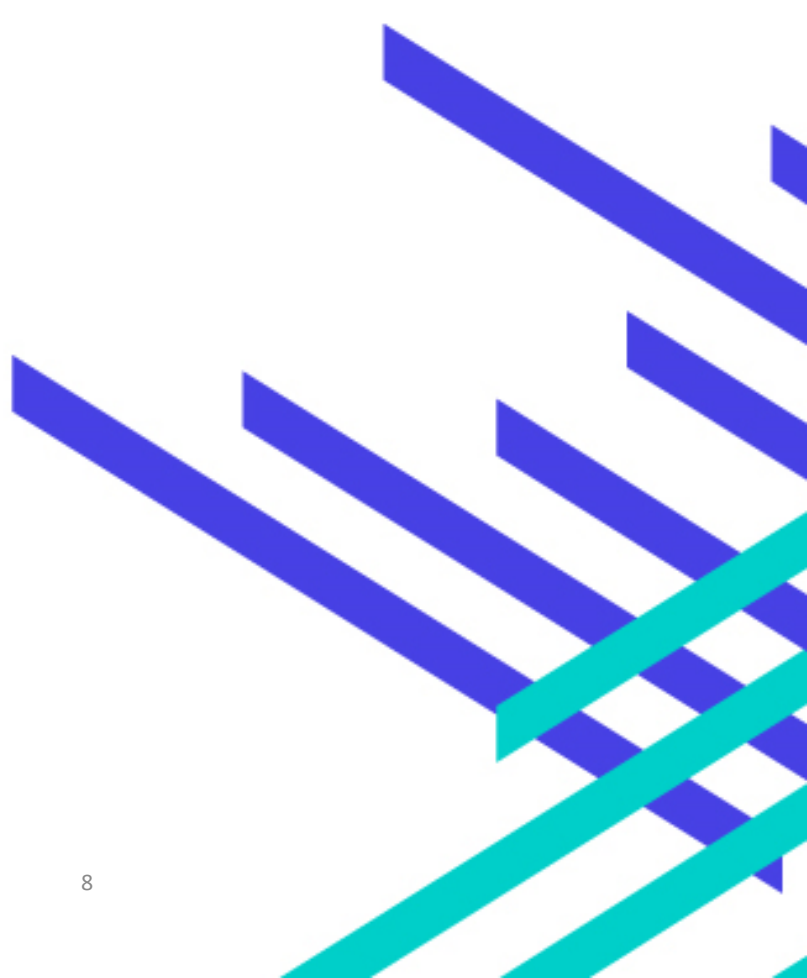
# Important Dates

<b>Important Dates</b> <b>Dubai International Best Practices Award for Sustainable Development</b> <b>(12<sup>th</sup> Cycle)</b>	
<b>12<sup>th</sup> Feb 2019</b>	Official launching of the Award by H.H Sh. Mohammed Bin Rashid Al Maktoum
<b>23<sup>rd</sup> Sep 2019</b>	Official start to receive submissions on the 12th Cycle through the official website of the award
<b>30<sup>th</sup> Apr 2020</b>	Deadline to receive submissions
<b>2<sup>nd</sup> Jul 2020</b>	Final recommendations of the award winners
<b>22<sup>nd</sup> to 25<sup>th</sup> Nov 2020</b> <b>(To be confirmed)</b>	Awarding Ceremony of the 12th Cycle and announcement of the winners



# Appendix

Award Categories Detailed Description





# Category 1: Description

## Best Practices Award in Urban Regeneration and Public Spaces

### Description

Urban development is defined as the process of building towns and cities and making them larger. This category caters for addressing the cities of the future; finding ways in which cities ensure to provide affordable housing and access to food, water, clean air, mobility, public life and nature for continuously more numerous urban populations.

### Topics Covered

- |   |  |                                   |
|---|--|-----------------------------------|
| 1. Affordable housing                   | 4. Green and public spaces                 | 7. Environmental impact of cities |
| 2. Accessible and sustainable transport | 5. Links to national and regional planning | 8. Disaster management            |
| 3. Inclusive and participatory planning | 6. Cultural and natural heritage           |                                   |

Potential applicants are expected to address, among others:

#### Affordable housing, social cohesion and inclusion

- Adoption of smart cities new technologies and tools
- Efficient and effective use of technology
- Facilitating unforeseen encounters
- Safety and enhancement of public spaces
- Strengthen the links between national, regional and local development planning

#### Climate change, disaster resilience, mobility

- Reaching carbon-neutral or carbon-negative cities
- Provide accessible and affordable mobility
- Increase resilience, ability to mitigate and adapt to natural disasters
- Increase urban green areas and urban biodiversity
- Absorb rain water, floods or heat



# Category 1: Focus Areas & Criteria

## Focus Areas:

Focus Area	Description
Large cities and metropolitan areas	This focus area caters for projects addressing very large human settlements, typically, metropolitan areas of megacities with a population of several millions
Intermediate and small cities and human settlements	This focus area caters for projects addressing cities and towns with a population of one million or below

## Criteria: (Similar for Focus Area 1 and 2)

ID	Criterion Name	Criterion Description
1	Technology in design and execution	The project is expected to address successful usage of smart, innovative solutions and technologies in design and execution
2	Affordable Housing	The project is expected to show the provision of significant number of affordable housing while promoting social mix
3	Comprehensive planning	The project is expected to illustrate on the social and environmental links between urban, peri-urban and rural areas, and national planning approaches (spatial)
4	Participation and integration	The project is expected to depict the use of participatory approaches to urban planning, that support positive economic, social cohesion, and environmental integration
5	Dynamic use and biodiversity planning	The project is expected to show dynamic, and mixed use of urban areas, green areas, land use, public spaces and biodiversity planning approaches
6	Mobility Solutions	The project is expected to include solutions that ensure safe, affordable & sustainable transportation systems and comprehensive mobility solutions
7	Zero emissions solution and used materials	The project is expected to include solutions that lead to zero emissions lifecycle, and carbon neutral/negative cities approaches, and techniques, plus the efficient use of local materials
8	Resources and pollution	The project is expected to include solutions that ensure efficient and effective resources usage, and waste and pollution reduction
9	Disaster management	The project is expected to address disaster management planning and measures plus ability to absorb heat and rain, in addition to safety and security sufficient measures
10	Infrastructure and food security	The project is expected to address efficient infrastructure and food security aspects

# Category 2: Description

## Best Practices Award in Construction of Sustainable, Innovative and Smart Buildings Description

Sustainable, innovative and smart buildings are defined as buildings that can conserve an ecological balance by avoiding depletion of natural resources, equipped with electronic devices that can be controlled remotely by smartphone.

This category caters for finding sustainable, innovative, and smart projects for the development of smart buildings in order to limit environmental impact, increase human well-being and contribute to the achievement of sustainable development goals.

### Topics Covered

1. Green and sustainable buildings
2. Innovation and smart buildings
3. Buildings energy efficiency
4. Buildings water consumption
5. Local materials in building

Potential applicants are expected to address, among others:

#### Dynamic buildings

- Increase low utilization rate of the built environment
- Develop digital and augmented reality solutions
- Enabling security and justice in mixed-use and mixed-ownership models through regulatory innovation

#### People-centred smart buildings and innovation

- Leading design principle of a smart building development
- Solutions on the ownership of personal data and transparency
- Digital participatory methods for people to influence their living environments.
- Creation of new data-driven and digital services

#### Green and sustainable buildings and efficiency in energy and water consumption

- Utilization of latest and most efficient technologies (AI, M/L)
- Carbon-negative construction
- Significantly reduce life-cycle emissions of buildings
- Support least developed countries
- Innovation and adoption of new business and operational models of the construction sector
- Increase buildings ability to resist, mitigate and adapt to climate change



# Category 2: Focus Areas & Criteria

## Focus Areas:

Focus Area	Description
High investment cost	This focus area caters for projects addressing smart buildings with construction cost above USD 50 Million
Low investment cost	This focus area caters for projects addressing smart buildings with construction cost of USD 50 Million and below

## Criteria: (Similar for Focus Area 1 and 2)

Criterion Name	Criterion Description
1 Technology in design and execution	The project is expected to include smart, innovative solutions, technologies, and intelligence techniques in design and execution, with a strong manifestation of related infrastructure aspects
2 Green buildings, emissions and materials technologies	The project is expected to adopt effective and efficient approaches for significantly reduce life-cycle emissions of buildings, while adopting carbon-neutral construction through design, materials, technology, and practices
3 Innovation in construction sector	The project is expected to show Innovation, new business and operational models of the construction sector, which enable sustainable production and consumption of the built environment
4 Sustainable and resilient buildings	The project is expected to promote utilization of local materials, financial and technical assistance, for supporting least developed countries, in building sustainable and resilient buildings
5 Waste and pollution management	The project is expected to include solid waste and waste water management planning and measures
6 Climate change resilience	The project is expected to help in increasing the climate change resilience of the built environment, with emphasis on greenery, gardens and sustainable buildings approaches and techniques and revitalization of the biodiversity in the built environment
7 Decrease density of the built environment	The project is expected to decrease density of the built environment, and the resources connected to it, through digital and augmented reality solutions as an example by ways such as: dynamic use, flexible use, configuration, and shared uses of buildings and their surroundings
8 Security and justice in mixed-ownership models	The project is expected to ensure high level of security and justice in mixed-use and mixed-ownership models through legal experimentations and regulatory innovation empowerment
9 Digital, and data-driven services	The project is expected to include creation of new data-driven, digital services and respective new business models for better living conditions, while supporting ownership of personal data and transparency policies, codes of conduct and solutions
10 Digitization and technological solutions	The project is expected to include technological solutions, and digitization in order to increase the quality of life and efficient use of natural, economic resources, and digital participatory methods for people to influence their living environments.
11 Disaster management	The project is expected to address post disaster management by comprehensive plans and disaster risk reduction and resilience

# Category 3: Description

## Best Practices Award in Sustaining Urban Food Systems

### Description

Food security is defined as the state of having reliable access to a sufficient quantity of affordable and nutritious food.

This category caters for systemic change and much improved access to food by all people while maintaining a strong connection between food production, storage and supply to local, regional and global beneficiaries showing an impact on human settlements.

### Topics Covered

- |                            |   |                                     |
|----------------------------|---|-------------------------------------|
| 1. Food security           | 4. Agricultural productivity and income | 7. Rural investment                 |
| 2. Zero Hunger             | 5. Sustainable food production          | 8. Trade and food commodity markets |
| 3. Preventing Malnutrition | 6. Crops and food diversity             |                                     |

Potential applicants are expected to address, among others:

#### Climate, energy & biodiversity

- Promote sustainable and productive agricultural techniques
- Promote renewable energy in agriculture
- Decarbonize energy and material flows connected to food production
- Enhance biodiversity and genetic diversity of seeds, cultivated plants and animals

#### Food technology

- Development of high-yield, genetically pure, pest- and disease-free crops
- Solutions that are less dependent on arable land or destructive weather patterns
- Encourage flow and adaptation of new technologies
- Investment in rural infrastructure, research and new technologies

#### Local community & markets

- Double the agricultural productivity and incomes of small-scale food producers
- Promote entrepreneurships, that aim to increase the incomes of small-scale food producers
- Providing new potential sources of revenue for smallholders
- Facilitate timely access to market information



# Category 3: Focus Areas & Criteria

## Focus Areas:

Focus Area	Description
Food Production	This focus area caters for projects, policies and initiatives addressing an increase in food production and reduction of waste
Food Markets	This focus area caters for projects addressing an increase in accessibility to food markets and reduction of inequality
Food Technology & waste management	This focus area caters for projects promoting food technology that helps increase yield with a positive impact on health and safety and show resiliency to external factors

## Criteria: (Focus Area 1: Food Production)

Criterion Name	Criterion Description
1 Resilience to climate change and productivity	The project is expected to include urban agricultural techniques and practices resilient to climate change, and other environmental change, while it is sustainable, resource-efficient and highly productive
2 Usage of renewable energy	The project is expected to use renewable energy, and have reduced fossil fuels dependency, and adopt approaches to reduce and decarbonize energy and material flows
3 Biodiversity and genetic diversity of seeds and domesticated animals	The project is expected to adopt approaches and techniques supporting biodiversity and genetic diversity of seeds, domesticated animals, farmed, and cultivated plants, as well as yield efficiency including urban agriculture
4 New potential sources of revenue for smallholders	The project is expected to identify crops that are not currently, and internationally traded ("orphan crops") that can be developed into ones, and provide new potential sources of revenue for smallholders that are encouraging urban dwellers to gain income from urban resources
5 Healthy crops	The project is expected to offer cultivation and development of high-yield, genetically pure, pest- and disease-free crops. The project should also produce healthy food that promotes better quality of food
6 Dependency on arable land and weather patterns	The project is expected to include solutions that are less dependent on arable land or destructive weather patterns, and waste management
7 Investment in rural infrastructure, research and technology	The project is expected to adopt approaches for increasing investment in rural infrastructure that is enhancing quality food production, agricultural research, and extension services technology development
8 Investment in plant and livestock gene banks	The project is expected to offer initiatives, and approaches for increasing investment in plant and livestock gene banks including technology promoting organic food production
9 Combating degradation, land erosion and displacements	The project is expected to ensure reduction of the degradation, erosion of cultivatable land, and displacement of local communities to reduce waste production to ensure reduction of degradation
10 Fragile ecosystems	The project is expected to support the fragile ecosystems including forests and green vegetation and wetlands
11 Infrastructure linkage	The project is expected to strengthen the bonds with existing and future multi-level infrastructure, and the dependent human settlements

# Category 3: Focus Areas & Criteria

## Focus Areas:

Focus Area	Description
Food Production	This focus area caters for projects, policies and initiatives addressing an increase in food production and reduction of waste
Food Markets	This focus area caters for projects addressing an increase in accessibility to food markets and reduction of inequality
Food Technology & waste management	This focus area caters for projects promoting food technology that helps increase yield with a positive impact on health and safety and show resiliency to external factors

## Criteria: (Focus Area 2: Food Markets)

Criterion Name	Criterion Description
1 Usage of renewable energy	The project is expected to use renewable energy, and have reduced fossil fuels dependency, and adopt approaches to reduce and decarbonize energy and material flows for transporting and storing produce in markets
2 Small-scale food producers, production and markets	The project is expected to add new opportunities for local value addition, business development, stable markets, and maximization of the agricultural productivity and incomes of small-scale food producers including plans to reduce solid waste or promote recycling
3 Rural communities, improvements and support	The project is expected to revitalize the rural communities, promote equality, alleviate malnutrition, hunger, poverty, and facilitate access to production value chain
4 Local entrepreneurship	The project is expected to ensure the creation of local and rural entrepreneurship via education, finance and infrastructure
5 New potential sources of revenue for smallholders	The project is expected to identify crops that are not currently, and internationally traded ("orphan crops") that can be developed into ones, and provide new potential sources of revenue for small scale holders, women and youth
6 Fair food commodity markets	The project is expected to have measures that will ensure the access to healthy foods for marginalized groups and proper functioning of food commodity markets, including their derivatives, while facilitating timely access to market information
7 Eliminate trade restrictions and distortions	The project is expected to adopt approaches and measures for correcting and preventing trade restrictions and distortions in world agricultural markets
8 Flow of new technologies in rural areas	The project is expected to ensure the flow and adaptation of new technology in rural areas through education, legislation and various ways of financial support, in and from the developed markets for waste management measures
9 Reduction of inequality in agricultural markets	The project is expected to ensure reduction of inequality in agricultural markets, limit exploitation of small-scale farmers while creating more equitable access to markets and services
10 Dietary trends	The project is expected to have positive changes in dietary trends, linked health conditions, and healthy storage methods
11 Infrastructure linkage	The project is expected to strengthen the bonds with existing and future multi-level infrastructure, and the dependent human settlements



# Category 3: Focus Areas & Criteria

## Focus Areas:

Focus Area	Description
Food Production	This focus area caters for projects, policies and initiatives addressing an increase in food production and reduction of waste
Food Markets	This focus area caters for projects addressing an increase in accessibility to food markets and reduction of inequality
Food Technology & waste management	This focus area caters for projects promoting food technology that helps increase yield with a positive impact on health and safety and show resiliency to external factors

## Criteria: (Focus Area 3: Food Technology)

Criterion Name	Criterion Description
1 Resilience to climate change and productivity	The project is expected to include agricultural techniques and practices resilient to climate change, and other environmental change, while it is sustainable, resource-efficient and highly productive
2 Usage of renewable energy	The project is expected to use renewable energy, and have reduced fossil fuels dependency, and adopt approaches to reduce and decarbonize energy and material flows
3 Biodiversity and genetic diversity of seeds and domesticated animals	The project is expected to adopt approaches and technology supporting biodiversity and genetic diversity of seeds, domesticated animals, farmed, and cultivated plants, as well as yield efficiency in waste management
4 Healthy crops	The project is expected to offer cultivation and development of high-yield, genetically pure, pest- and disease-free crops. The project should also produce healthy food that promotes better quality of food
5 Dependency on arable land and weather patterns	The project is expected to include solutions that are less dependent on arable land or destructive weather patterns and waste management
6 Flow of new technologies in rural areas	The project is expected to ensure the flow and adaptation of new technology in rural areas through education, legislation and various ways of financial support, in and from the developed markets for waste management measures
7 Investment in rural infrastructure, research and technology	The project is expected to adopt approaches for increasing investment in rural infrastructure that is enhancing quality food production, agricultural research, and extension services technology development
8 Investment in plant and livestock gene banks	The project is expected to offer initiatives, and approaches for increasing investment in plant and livestock gene banks including technology promoting organic food production
9 Combating degradation, land erosion and displacements	The project is expected to ensure reduction of the degradation, erosion of cultivatable land, and displacement of local communities to reduce waste production to ensure reduction of degradation
10 Dietary trends	The project is expected to have positive changes in dietary trends, linked health conditions, and healthy storage methods
11 Fragile ecosystems	The project is expected to support the fragile ecosystems including forests and green vegetation and wetlands
12 Infrastructure linkage	The project is expected to strengthen the bonds with existing and future multi-level infrastructure, and the dependent human settlements





# Category 4: Description

## Best Practices Award in Addressing Climate Change and Reducing Pollution Description

Living environment is defined as the natural world, as a whole or in a particular geographical area, especially as affected by human activity.

This category caters for solutions addressing climate change, pollution reduction, and the protection of a thriving biodiversity including long-term governance mechanics, stakeholder participation and circular economy.

### Topics Covered

1. Resilience to climate-related hazards and natural disasters
2. Climate change integration of policies, planning & management
3. Education and awareness-raising
4. Freshwater ecosystems
5. Desertification, land degradation
6. Waste management
7. Sustainable lifestyles
8. Marine pollution

Potential applicants are expected to address, among others:

#### Climate change & energy

- Integrate climate change measures into national policies, strategies and planning
- Promote renewable energy
- Increase energy efficiency of buildings and transportation
- Raise awareness on climate change impact and mitigation

#### Sustainable lifestyles

- Increase awareness of sustainable development and lifestyles
- Encourage people to make sustainable change to lifestyles

#### Pollution, waste & land degradation

- Reduce waste generation
- Well govern the environment at all levels
- Reduce marine pollution of all kinds
- Contribute significantly to achieving land degradation-neutral world



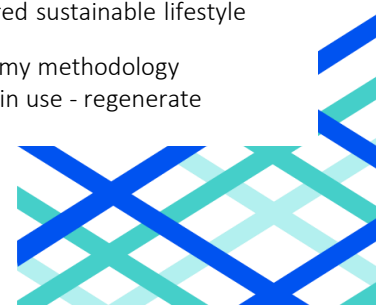
# Category 4: Focus Areas & Criteria

## Focus Areas:

Focus Area	Description
Application target developed countries	This focus area caters for projects implemented in cities in developed countries (advanced in terms of infrastructure, industrialization, income per capita and standards of living)
Application target developing and least developed countries	This focus area caters for projects implemented in cities of developing and least developed countries (less advanced in terms of infrastructure, industrialization, income per capita and standards of living)

## Criteria: (Similar for Focus Area 1 and 2)

Criterion Name	Criterion Description
1 Integration of climate change policies	The project is expected to ensure integration of climate change measures into national, and regional policies, strategies and planning along with stakeholders participation in setting solutions
2 Renewable energy in buildings and transportation	The project is expected to use renewable energy, and reduce the usage of fossil fuels , and maximize the energy efficiency of buildings and transportation
3 Climate change planning, management and governance	The project is expected to include methods, and mechanisms for raising capacity for effective climate change-related planning, management, and functioning environmental governance
4 Disaster management	The project is expected to include or add institutionalized disaster management policies and techniques related to climate change including education, and awareness-raising on all community levels
5 Waste and pollution management	The project is expected to find pollution and waste management methods and techniques from generation through prevention, reduction, recycling and reuse
6 Reduction of marine pollution	The project is expected to show significant reduction of all marine pollution, particularly from land-based activities, including marine debris and nutrient pollution
7 Freshwater ecosystems	The project is expected to offer solutions in conservation, restoration, and sustainable use of terrestrial, and inland freshwater ecosystems and their services
8 Combating desertification	The project is expected to offer solutions in combating desertification, restore degraded land and soil affected by desertification, drought and floods
9 Awareness about sustainable lifestyle	The project is expected to include ways to achieve dissemination of essential knowledge, and raising awareness about sustainable lifestyle, and development
10 Attitude changes towards sustainable lifestyle	The project is expected to increase the motivation, and self-drive creation to lead attitude, and cultural community change, towards the required sustainable lifestyle
11 Circular economy methodology	The project is expected to offer application of circular economy methodology (design out waste & pollution - keep products and materials in use - regenerate natural systems)



# Category 5: Description

## Best Practices in Urban Infrastructure Planning and Management

### Description

Infrastructure is defined as the basic physical and organizational structures and facilities (e.g. buildings, roads, power supplies, etc.) needed for the operation of a society or enterprise.

This category caters for finding adaptable, local and resilient solutions, that will enable longer lifecycle of infrastructure, due to the fast-paced transformations in line with the 4th industrial revolution relying on innovative, futuristic and sustainable projects improving living conditions.

### Topics Covered

- |  |  |  |
|--|--|--|
| 1. Quality, reliable, sustainable and resilient infrastructure | 3. Local technology development, research and innovation | 5. Scientific research and upgrade of technological capabilities |
| 2. Environmentally sound technologies and processes            | 4. Inclusive and sustainable industrialization           | 6. Access to infrastructural information                         |
|  |  | 7. Access to financial data                                      |

Potential applicants are expected to address, among others:

#### Retrofitting infrastructure

- New infrastructure replacement solutions
- More sustainable, cost-effective and resource-sensitive
- Encourage research and technology capabilities

#### Cutting-Edge technologies

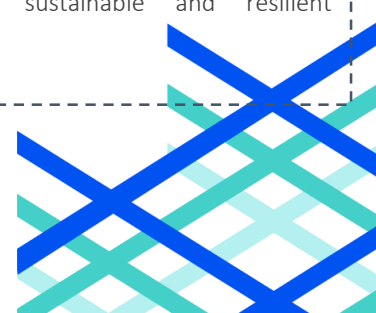
- New leapfrog solutions
- Pre-evaluation of leapfrog models
- Increase the sustainability and resiliency of the infrastructure
- Democratize access in least developed nation

#### Deconstructing silos

- Encourage mission-driven governance models
- Enable cross-sectorial solutions
- Foster multi-stakeholder collaboration
- Increase the overall sustainability and resiliency of the desiloed infrastructures

#### Rethinking the enablers of infrastructure construction

- Enable new financing models
- Increasing citizen engagement
- Social diversity and peaceful social mixing
- Adoption for more sustainable and resilient approaches



# Category 5: Focus Areas & Criteria

## Focus Areas:

Focus Area	Description
Retrofitting infrastructure	This focus area caters for projects addressing an upgrade in existing infrastructure
Constructing new infrastructure	This focus area caters for projects addressing design, building and executing new infrastructure

## Criteria: (Focus Area 1: Retrofitting infrastructure)

Criterion Name	Criterion Description
1 Innovative and sustainable infrastructure	The project is expected to help in developing and supporting innovative, pro-equality, efficient, reliable, sustainable and resilient infrastructure, and use of advanced alternatives evaluation
2 Sustainable, cost-effective and resource-sensitive infrastructure	The project is expected to include adoption of widely spread or commonly used infrastructure solutions to be more sustainable, cost-effective and resource-sensitive (such as behavioral change solutions), and the introduction, and support of cross-sectorial solutions
3 Sustainable industrialization and employment	The project is expected to show inclusive and sustainable industrialization safeguarding industrial employment and gross domestic product
4 Developing local retrofit solutions	The project is expected to increase the support, and encouragement of domestic research and technology capabilities to develop local retrofit solutions, development, and innovation
5 Multi-stakeholder collaboration	The project is expected to address the fostering of multi-stakeholder collaboration through governmental incentive structures or market regulations, and the promotion of mission-driven governance, and financing models
6 Sustainable lifestyle	The project is expected to increase the motivation, and self-drive creation to lead attitude, and cultural community change, towards the required sustainable lifestyle
7 Leapfrog models ethics	The project is expected to promote the ethical and equality pre-evaluation of leapfrog models (such as: mobility, or housing-as-a-service)
8 Accessibility to more advanced infrastructure in least developed nations	The project is expected to ensure higher levels of common accessibility in least developed nation, for individuals and small businesses and industries, to more advanced infrastructure (such as: financial services or sustainable production solutions, information and communication means)
9 Value location and financing models for retrofitting	The project is expected to introduce innovative solutions as part of existing the financing models for retrofitting infrastructures, and those that will enable value to remain local
10 Cooperations and citizens engagement	The project is expected to help in encouraging the community co-creation, co-funding, co-ownership models to increase the citizens engagement
11 Relations with urban planning and food security needs	The project is expected to include methods and techniques to cater for, urban planning and development, food security requirements, smart cities and buildings needs



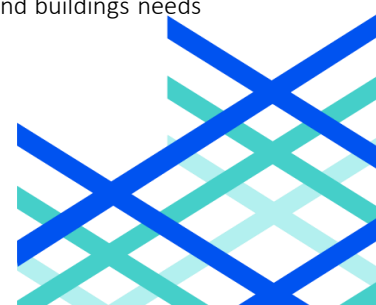
# Category 5: Focus Areas & Criteria

## Focus Areas:

Focus Area	Description
Retrofitting infrastructure	This focus area caters for projects addressing an upgrade in existing infrastructure
Constructing new infrastructure	This focus area caters for projects addressing design, building and executing new infrastructure

## Criteria: (Focus Area 2: Constructing new infrastructure)

Criterion Name	Criterion Description
1 Innovative and sustainable infrastructure	The project is expected to help in developing and supporting innovative, pro-equality, efficient, reliable, sustainable and resilient infrastructure, and use of advanced alternatives evaluation
2 Sustainable, cost-effective and resource-sensitive infrastructure	The project is expected to include adoption of widely spread or commonly used infrastructure solutions to be more sustainable, cost-effective and resource-sensitive (such as behavioral change solutions), and the introduction, and support of cross-sectorial solutions
3 Sustainable industrialization and employment	The project is expected to show inclusive and sustainable industrialization safeguarding industrial employment and gross domestic product
4 Multi-stakeholder collaboration	The project is expected to address the fostering of multi-stakeholder collaboration through governmental incentive structures or market regulations, and the promotion of mission-driven governance, and financing models
5 Sustainable lifestyle	The project is expected to increase the motivation, and self-drive creation to lead attitude, and cultural community change, towards the required sustainable lifestyle
6 Leapfrog models ethics	The project is expected to promote the ethical and equality pre-evaluation of leapfrog models (such as: mobility, or housing-as-a-service)
7 Accessibility to new and advanced infrastructure in least developed nations	The project is expected to ensure higher levels of common accessibility in least developed nation, for individuals and small businesses and industries, to more advanced infrastructure
8 Cooperations and citizens engagement	The project is expected to help in encouraging the community co-creation, co-funding, co-ownership models to increase the citizens engagement
9 Social mixing techniques and models	The project is expected to include techniques and models the ensures social diversity, shared responsibility, citizen engagement, and peaceful social mixing
10 Relations with urban planning and food security needs	The project is expected to include methods and techniques to cater for, urban planning and development, food security requirements, smart cities and buildings needs



# Narratives

*Evaluation of each submission will include narrative questions, that are similar between all the categories, and will be measured over the 7 factors*

EVALUATION FACTOR	
1	Innovative, leap-frogging, and affordable technological advancement use
2	Massive cultural and knowledge changing
3	Improving sustainable local economic growth
4	Favoring the least developed human settlements
5	Vast positive impact on human life quality and areas
6	Novelty, practicality, and replicability
7	Improving the ecological footprint

*The evaluation will be done according to the 4 levels of scoring below:*

- 1- Excellent
- 2- Very good
- 3- Good
- 4- Poor



# Dubai International Best Practices Award for Sustainable Development

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