Best Cases for Smart City Digital Transformation

Terms & Conditions

Entering the competition implies full acceptance of its rules

1. Introduction

It's time to go beyond dreams and inspiration. We need to walk the talk and future-proof our cities in the face of the world's most pressing challenges, and humanity's greatest opportunities. Following decades of rapid urbanization, China has entered into a new stage of Smart City development with impactful projects backed by artificial intelligence and data-driven design, net-zero infrastructure construction, new mobility options and bio circular green economy solutions blossoming worldwide. The **Best Cases for Smart City Digital Transformation** are a chance to celebrate these accomplishments, while showcasing the rising tide of progress that is rapidly bringing our shared digital futures into focus.

The Awards call for aspiring smart cities to put forward their urban digital transformation projects and most innovative ideas to share them with the world, and be honoured for them. If you are involved in making urban areas more liveable or environmentally sustainable, in urban regeneration and economic development initiatives, in stimulating diversity, social inclusion, equity, safety, or collaboration within urban communities, or in enhancing urban quality of life for all in other ways, then we want to hear from you.

2. Smart City Expo Shanghai 2023

Initiated in 2011 by Fira Barcelona, **Smart City Expo World Congress** has become the reference event on Smart Cities, worldwide. Thanks to its success, several cities of the world have shown their interest in organizing a spin-off of the event. For this reason, the SCE Abroad editions emerged and are now present in four continents.

The **Best Cases for Smart City Digital Transformation,** embodies the emerging future of urban digital transformation and the vast potential of their application within the rising era of the Smart City. Thousands of city-changers will unleash a world of solutions that define this exciting new urban era. Featuring an immersive exhibition and expansive conference dedicated towards bringing government and business together to drive Smart City development forward, next October 12th to 14th 2023 Shanghai will host an unparalleled event platform in Asia, branching out from the original Smart City

Expo World Congress (SCEWC) in Europe.

The **Smart City Expo Shanghai 2023** is co-organized by the China Council for the Promotion of International Trade Shanghai (CCPIT Shanghai) and Fira Barcelona International, with the full support of the Shanghai Municipal Government. The event is managed by Shanghai Intex Exhibition and will take place at the Shanghai New International Expo Center from October 12th to 14th 2023.

3. Call for Awards

As the event in Barcelona organizes the World Smart Cities Awards, and owed to their success, the **Smart City Expo Shanghai 2023** is also creating an open call for awards named **Best Cases for Smart City Digital Transformation.** The purpose of this open call is to appreciate the work of the cities, which have been implementing innovative and sustainable projects based in digital transformation. The categories of this year are: Digital Transformation; Innovative Digital Governance; Enabling Technologies; Smart Mobility, and Liveable City.

4. Who can participate?

The **Best Cases for Smart City Digital Transformation** are aimed at both, public and private sector organizations and companies who have implemented projects: cities, companies, entrepreneurs, startups, digital innovators, developers, research centers, universities, civil society representatives, non-governmental organizations, cooperatives, consortiums (public-private) and social activists, with innovative ideas, researches, analyses, studies, visions and solutions for the management and development of our cities.

Institutions represented in the Judging panel and organizers CANNOT compete in the Awards.

5. Awards Categories

The **Best Cases for Smart City Digital Transformation** considers a global strategy developed by a city, metropolitan area, achieving considerable progress that reflects an increase in the quality of life of its citizens. That may have been through the development of urban projects related to economic, social and territorial aspects by using data and digital technology, such as: long-term strategic city development plans, city-wide strategies; strategies for smart governance and data-driven decision-making, digitalization of public services, data governance; communication infrastructure, Artificial Intelligence, Internet of Things, smart construction, ecological design; smart mobility, Mobility as a Service (MaaS), intelligent transport system; public spaces and urban design, smart elderly care services, smart community services, among others.

The **Best Cases for Smart City Digital Transformation** have five categories:
- Digital Transformation Award
- Innovative Digital Governance Award
- Enabling Technologies Award
- Smart Mobility Award
- Liveable City Award

We strongly recommend cities with a clear urban strategy, or relevant projects, in several fields to submit their candidacy combining the different projects/initiatives developed. And if they consider it appropriate, they can also submit these projects or initiatives as individual entries.

A proposal can apply an in-depth approach to a single topic area or address multiple topic areas, but only one main topic must be prioritised and selected within a single award category.

When applying, please make sure to **select only one category**. The keywords indicated in section "16. Keywords" are intended to assist you in selecting the most appropriate category for your project proposal. The possibilities are not limited to the listed items so, in case of any doubt, please contact the Award Secretariat using the email in the section "15. Queries and Suggestions".

3.1 Digital Transformation Award

The **Digital Transformation Award** recognizes the achievements of organizations that have successfully planned and executed projects that provide solutions in innovation and technology as the axis of change in cities, transformation through new digital infrastructures that function as support and impulse in all areas of the Smart City model in the region.

This award is intended to include (but is not limited to) public service design and implementation, hardware and/or software developments, technological systems and infrastructures, buildings, parks and public spaces and policy implementations. The possibilities are not limited to the aforementioned items so, in case of any doubt, please contact the Award Secretariat using the email in the section "15. Queries and Suggestions".

The best proposals in this category will show a balance of innovative characteristics, proven impact to date, and clear proof of continuing feasibility.

Submitted proposals must be already implemented or be in the process of implementation.

Proposals can be submitted by businesses and entrepreneurs, research centers, public or non-governmental organizations, and by public-private consortium. **The participants must have implemented projects in the public service of, at least, one city.**

3.2 Innovative Digital Governance Award

The **Innovative Digital Governance Award** recognizes initiatives that promote good practices in using information and communications technology to effectively and efficiently deliver a good public service, and projects oriented to common benefits and social changes, to improve digital inclusion, data protection and democratization of public services.

This recognition considers the concepts that promote the development of new ideas that foster

collaboration between governments, companies and civil society organizations, their importance and inclusion in their traditional roles. The possibilities are not limited to the listed items so, in case of any doubt, please contact the Award Secretariat using the email in the section "15. Queries and Suggestions".

In addition to their innovative characteristics, submissions will also be evaluated for projected demonstrated impacts and feasibility of implementation.

Submitted proposals must be already implemented or be in the process of implementation.

Proposals can be submitted by businesses and entrepreneurs, research centers, public or non-governmental organizations, and by public-private consortium. **The participants must have implemented projects in the public service of, at least, one city.**

3.3 Enabling Technologies Award

The **Enabling Technologies Award** recognizes initiatives that, through the combination of digital technologies such as big data, Artificial Intelligence or IoT, to name a few, positively impact the quality of life of citizens, improve climate and social justice and bring economic development to cities by embedding emerging technologies into existing infrastructures.

In addition to their innovative characteristics, submissions will also be evaluated for projected demonstrated impacts and feasibility of implementation.

This award is intended to include (but is not limited to) public service design and implementation, hardware and/or software developments, technological systems and infrastructures, buildings, parks and public spaces, policy implementations, among others. The possibilities are not limited to the listed items so, in case of any doubt, please contact the Award Secretariat using the email in the section "15. Queries and Suggestions".

Submitted proposals must be already implemented or be in the process of implementation.

Proposals can be submitted by businesses and entrepreneurs, research centers, public or non-governmental organizations, and by public-private consortium. **The participants must have implemented projects in the public service of, at least, one city.**

3.4 Smart Mobility Award

The **Smart Mobility Award** considers the initiatives which, through plans, policies, technological solutions and collaboration of several transformation actors, impact on the increased territorial integration and optimization of the transport in the city.

In addition to their innovative characteristics, submissions will also be evaluated for projected demonstrated impacts and feasibility of implementation.

This award is intended to include (but is not limited to) public service design and implementation, hardware and/or software developments, technological systems and infrastructures, parks and public spaces, transport planning, public transport initiatives, policy implementations, among others. The possibilities are not limited to the listed items so, in case of any doubt, please contact the Award Secretariat using the email in the section "15. Queries and Suggestions".

Submitted proposals must be already implemented or be in the process of implementation.

Proposals can be submitted by businesses and entrepreneurs, research centers, public or non-governmental organizations, and by public-private consortiums. **The participants must have implemented projects in the public service of, at least, one city.**

3.5 Liveable City Award

The **Liveable City Award** recognizes projects developed by a city or metropolitan area achieving considerable progress that reflects an increase in the quality of life of its citizens, economic development, preservation of the environment, production of green energy, provide territorial resilience, citizens security and diminution of social inequalities.

This award is intended to include (but is not limited to) public service design and implementation, hardware and/or software developments, technological systems and infrastructures, buildings, public spaces and public services, policy implementations, among others. The possibilities are not limited to the listed items so, in case of any doubt, please contact the Award Secretariat using the email in the section "15. Queries and Suggestions".

Submitted proposals must be already implemented or be in the process of implementation.

Proposals can be submitted by businesses and entrepreneurs, research centers, public or non-governmental organizations, and by public-private consortium. **The participants must have implemented projects in the public service of, at least, one city.**

6. Submission of Proposals

To submit a proposal all participants must:

1. Download the Simplified Form at the website http://smartcityexposhanghai.com

2. Complete all required fields of the Application Form (English Language)

3. Submit the application in a PDF format (other formats will not be considered) to the email address: awards@smartcityexposhanghai.com

The total of documents to be sent by each participant must be:

- One Application Form in a PDF format (other formats will not be considered)

- One Supporting Document of maximum 10 pages in PDF format (other formats will not be considered)

- Proposal images/pictures: Minimum 3 images. Only high-resolution JPEG (2048px or more)

English Language

The form and all complementary information must be completed in English. No proposals in any other languages will be accepted.

Entries that have not completed all the fields of the Application Form will not be accepted.

Each submission can only be entered into the awards once.

7. Deadline

All applications should be submitted before **August 31ˢᵗ, 2023, 23:59:59 UTC +8 (China Standard Time)**.

All category entries must be received by Award Secretariat (awards@smartcityexposhanghai.com) prior to the submission deadline. Entries received after the submission deadline will not be accepted.

8. Evaluation Criteria

The quality of each proposal will be evaluated according to the criteria shown in the rubric below. Each submission will be evaluated based on three aspects: **Innovation, Impact, and Feasibility**. For each aspect, a score will be assigned based on the degree to which the submission demonstrably fulfils each listed criterion. Evaluations of Innovative Idea submissions will consider slightly different criteria than City or Project submissions (quantified in the rubric below).

Innovation – Criteria considered:
- Demonstration of an innovative approach.
- Identification of a need or an unresolved problem being addressed.
- Identification of a critical aspect not being identified.

Impact – Criteria considered:
- Demonstration of clear, significant, and tangible impacts (or potential impacts).
- Quantification of the scope of the impacts (or potential impacts).
- Focus on sustainability or citizen engagement.
- Demonstration that the impacts have not been achieved by other initiatives.
- In case of research or comparative analysis, demonstration of clear contribution to future action

plans and to decision making processes.

Feasibility – Criteria considered:

- Demonstration of a track record of success, including current status along development timeline.

- Identification of the People–Public–Private collaboration aspects of the proposal.

- Demonstration of financial and logistical feasibility.

- Does not apply to research and comparative analysis or to a more analytical and theoretical proposal.

Evaluation Rubric:

Score	Innovation	Impact	Feasibility
4	>Clearly demonstrates highly innovative approach towards mainstream paradigm, including survey of existing approaches and explanation of why the submission is innovative in comparison; AND >Clearly defines strong need(s) or unresolved problem(s) being addressed	>Demonstrated impacts (or potential impacts) are clear, tangible, and significant over an established period of time; includes focus on sustainability or citizen engagement; AND >Scope of impact/size of impacted population is demonstrably significant; AND >Demonstrated impacts (or potential impacts) are shown to have not been achieved by other interventions	> (Implemented Project) Has established track record of success; Clearly lays out development cycle, including information about current status; addresses questions of financial and logistical feasibility; involves public‑ private‑social/citizens partnership. > (Proposed Project) Clearly establishes the model for developing, piloting, and scaling the idea, including KPIs; addresses questions of financial and logistical feasibility; involves public‑private‑social/citizens partnership
3	>Clearly demonstrates innovative approach; AND >Clearly defines strong need(s) or unresolved problem(s) being addressed	>Demonstrated impacts (or potential impacts) are clear, tangible, and significant over an established period of time; include focus on sustainability or citizen engagement; AND >Scope of impact/size of impacted population (or potential impacts) is demonstrably significant	> (Implemented Project) Clearly lays out development cycle, including information about current status; addresses questions of financial and logistical feasibility > (Proposed Project) Clearly establishes the model for developing, piloting, and scaling the idea
2	>Demonstrates an innovative approach that is limited or minimally innovative; OR >Defines a need or	>Demonstrated impacts (or potential impacts) are clear and tangible, but not significant; OR >Scope of impact/size of	> (Implemented Project) Lays out development cycle, including information about current status, but feasibility remains doubtful or not all questions of financial and logistical feasibility are addressed > (Proposed Project)

	unresolved problem being addressed that is limited or relatively non-urgent	impacted population (or potential impacts) is limited or replicated elsewhere	Establishes the model for developing, piloting, and scaling the idea but feasibility remains doubtful
1	>Does not demonstrate innovation: other projects, initiatives, or strategies have already taken a similar approach; OR >Does not respond to a need or unresolved problem	>Demonstrated impacts (or potential impacts) are minimal or negligible; OR >Scope of impact/size of impacted population (or potential impacts) is minimal or negligible	>Does not make persuasive case for feasibility
0	>Does not include any information regarding the innovative characteristics of the proposal. >Does not include any information regarding the need(s) or unresolved problem(s) being addressed	>Does not include any information regarding the impact of the proposal >Does not include any information regarding the scope of impact or size of impacted population	>Does not include any information regarding the feasibility of the proposal

9. Evaluation Process

The evaluation process is divided into two phases:

a) Evaluation Stage

At this stage, an evaluation team composed by national and international experts, will evaluate the proposals according to the criteria shown in the item "8. Evaluation Criteria".

Proposals could be subject to additional request of information or clarification from the Award Secretariat.

b) Winners Selection

A final panel of judges will evaluate the projects, selecting the winner for each prize category. The **Final Judging Panel** will be composed of appointed national and international experts.

Proposals could be subject to additional request of information or clarification from the Award Secretariat. All participants should be available to answer any request from the entry date until **September 18th 2023.**

The representatives of the winning projects undertake to maintain the confidentiality and secrecy of their condition as winner until the Organization makes said information public. This includes the commitment not to provide information about the status of winner, specially to the public media, social networks or any other means. Failure to comply with this obligation will in any case result in the elimination of the candidacy from the final decision process of winners.

The prizewinners will be announced at the Awards ceremony, which will be held on **Smart City Expo Shanghai Congress**, in Shanghai **on October 13th, 2023**. Any prize award category could be declared void by the judging panel.

On October 13th, 2023, during the celebration of the **Smart City Expo Shanghai Congress**, there will be the ceremony of the **Smart City Shanghai Awards - Digital Transformation**, where all the winners will be announced.

Proposals will be exceptionally subject to change of category according to the observations of the technical committee. The candidate will be informed in due time.

10. Prizes

Smart City Expo Shanghai will award the winners with a trophy and recognition letter of winner of the **Best Cases for Smart City Digital Transformation.**

11. Restrictions

Institutions represented in the judging panel and organizers CANNOT compete in the Best Cases for Smart City Digital Transformation.

12. Awards Schedule

Calendar Best Cases for Smart City Digital Transformation.	Action
July 24th	Call for Awards launched
August 31st	Deadline for submitting proposals
From September 1st to September 12th	Evaluation stage
Until September 18th	All participants should be available to answer any request for information or clarification
September 19th	Final Judging Panel that will select the winners
September 21st	All winners of each category will be contacted and informed by the Award Secretariat
October 12th	Inauguration of the Smart City Expo Shanghai 2023
October 13th	Winners of each prize category will be announced at the Smart City Shanghai Awards - Digital Transformation.
October 14th	Closing of the Smart City Expo Shanghai 2023

13. Intellectual and Industrial Property Rights

The participant is responsible for the authorship of the submitted proposal; the participant organization is the owner of the intellectual and, where applicable, industrial property rights thereof.

The participant is accountable for the proposal submitted not violating intellectual property rights, industrial property rights, copyright and/or image rights and assumes complete responsibility with regard to third parties: the Organization is free of all liability.

Should the proposal win the Award the participant authorizes the Organization to disseminate, reproduce and publish the proposal in any format and using any medium to publicize the **Smart City Expo Shanghai 2023.**

14. Data Protection

Due to the sensitive nature of the information supplied, the award organizers, and the members of the judging panel and technical committee guarantee to keep the identity of participants and the content of their project confidential outside the sphere of the **Smart City Expo Shanghai 2023.** This also includes any information about its current state of use or development.

Once the proposal has been selected as winner, the organizers of this award may make public any details considered as public (submission title, organization in charge, person in charge, websites, description, sent images or pictures, purpose, and category).

15. Queries and Suggestions

If you have any queries or suggestions, please contact the Award Secretariat by the email (awards@smartcityexposhanghai.com).

16. Keywords

Please find in this section **the topics that will be covered in 2023** edition and a guidance of **main keywords** that will be considered to participate in the Award. You will need to **prioritize and select only one** topic that your proposal mostly refers to. Submissions should be dealing with one or several keywords of this list. Additional keywords can also be suggested in the online form. Do not hesitate to contact the organization in case of doubt.

Topics 2023	Main keywords
Digital Transformation Award	• Large-Scale Developments • City-Wide Strategies • Smart City Frameworks, Roadmaps, Strategies
Innovative Digital Governance Award	• Digitalization of public services • Data governance • Digital economy • Data-driven decision-making • Smart Governance • E-Governance • Digital Governance • Data Security • Urban Governance • Public Service Platforms • Public Service Integration • Open Data • Information Transparency
Enabling Technologies Award	• Big Data • Internet of Things • Communication Infrastructures • Artificial Intelligence • Blockchain Technologies • Digital Twinning • VR/AR/XR • Smart Construction • Smart Public Spaces • Cloud Services • Ecological Design • 5G Network Solutions • Online Cultural Services • Smart Grid
Smart Mobility Award	• Smart Mobility • Public Transportation • Mobility as a Service (MaaS) • Intelligent Transport Systems • Smart Vehicles and Highways • Internet of Vehicles • Intelligent Parking Systems • Intelligent Public Transit Systems • Intelligent Port Systems • Intelligent Street Lighting • Smart Aviation Systems • Smart Railway Systems • Intelligent Logistics Systems • Intelligent Transportation Management • Intelligent Warehouse Systems

Liveable City Award	• Energy Transition and Climate Change • Public Spaces and Urban Design • All-age Friendly Urban Design • Peak Carbon and Carbon Neutrality • Smart Elderly Care Services • Smart Education Products and Services • Smart Medical Products and Services • Smart Tourism • Smart Community Services • Smart Security • Digital Culture • Urban Greening • Green Transportation • Energy Conservation and Emission Reduction • Smart Environmental Protection

17. Additional Information

If you are interested in sponsorship opportunities to enhance your organization's profile at the Smart City Expo Shanghai or the Congress please contact Chris Qiu via scesh-sales@shanghai-intex.com or Apple Gu via +86 21 62951595.