

Smart City Expo World Congress

World Smart Cities Awards, 2013 Terms and conditions

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1. Purpose of the award

The **World Smart Cities Awards** have been established in order to identify the best **cities, projects and innovative initiatives** in line with the Smart City concept.

The aim of the award is to nurture the development of future cities thus enhancing quality of life, sustainability, innovation, creativity, competitiveness, and efficient management and administration.

2. Themes covered by the award

All projects and solutions that contribute to any of the areas covered in the Smart City Expo World Congress can be submitted for consideration.

The Smart City World Congress is built around the concept of a “Smart Society for innovative and sustainable cities”, integrating the following underlying themes: **Energy, Technology & Innovation, Collaborative City & the Smart Society, Sustainable Built Environment, Governance & Economy, Mobility, Smart Geo** and **City Resilience & Security**. Please find a brief explanation of each theme, followed by an open list of topics, detailed below:

Energy

Cities are a major contributor to CO₂ emissions in Europe and America. Forthcoming challenges include improving efficiencies in energy consumption and transport, increasing production from distributed and renewable sources, developing a new ways of grids energy management, boosting energy production on an urban scale, or reducing the energy needs and its environmental impact.

Guidance topics:

Distributed and Renewable Energies in cities
Urban Energy Production & Storage
Energy Management, Smart Grid & Energy Efficiency
New business models and regulations
Reducing energy needs and its environmental impact

Technology & innovation

Thanks to modern technology, cities can now be converted into sensory beings that communicate their needs and their responses to certain scenarios in real-time. To efficiently respond to challenges in areas such as mobility, energy and environmental protection, tomorrow’s cities must establish systems capable of handling the massive amount of data generated by their residents and infrastructure.

Guidance topics:

Integrated Vision
Internet of Things (IoT) / Machine to machine (M2M)
City in the Cloud

Big Data
Urban Sensorization Solutions
Data visualization and mapping

Collaborative city & the smart society

ICTs are setting a new landscape for analysing society, to make it interact and collaborate, to empower citizens to develop their initiatives, to foster creativity and to learn new ways to innovate. Furthermore, the same applies when ICTs are not broadly available, as key policies still deal with collaboration, creativity, right decisions and better place.

Cities must foster creativity, innovation and economic development. They must be an inclusive project for all citizens. Cities must be reinvented and transformed to develop themselves more sustainable, improving quality of life and economic performance. This should be a shared vision and way forward for citizens, and public and private organization.

Guidance topics:

Co-city: collaboration, entrepreneurship & creativity
Social innovation
Citizen engagement & participation
Urban entrepreneurship
Urban regeneration & Creative city

Sustainable built environment

The world is facing major environmental challenges, and cities are major consumers of energy and natural resources.

A sustainable built environment tackles the environmental challenges of the space where we live and work. Cities must care and protect the environment, and integrate different kinds of green spaces, urban agriculture, urban services and urban utilities into a new urban model.

On cities energy, new decentralised infrastructures for energy production are being explored and also new ways for building zero carbon housing, both for new and existing housing stocks.

Waste and water management has to evolve from today’s recycling model to a new model that includes the product lifecycle, inverse logistics procedures and waste/water consumption reduction.

The problem of emissions and climate change, and the most updated solutions and proposals for reducing CO2 emissions, adapting and mitigating climate change.

Guidance topics:

City sustainability / Liveable cities
Smart growth / Rethinking cities
Green building
Water management



Product cycle / waste management

Green spaces / Urban green

Climate Change

Mobility

For the last 20 years, cities have been challenging the mobility paradigm generated around cars as the principal mode of transport. Car-centred planning is now refocusing on the human scale and the paradigm of today's car is being challenged with new developments of alternative energy sources.

There is a widespread use of new ICTs for all means of transport, which allow for real-time information or variable signalling according to traffic conditions; there is a change of focus from policies to develop infrastructures to those concerned with the improvement, and integration of the management of mobility services; and developing new infrastructures necessary to make the use of all alternative energy sources more widespread is becoming also a priority on all political agendas.

Guidance topics:

New mobility paradigms

Multimodal mobility on demand

Intelligent Transport Systems

Sharing urban mobility space

Alternative energy sources for mobility

Mobility and location management

Governance & economy

City governments need to play a major role in the implementation of reform agendas.

In modern society, the city governments are facing higher demands from their citizens with regard to services offered and to the capacity to influence or to have a voice in the city government. This happens in an environment of decreasing economic resources and within a conflictive share of responsibilities among city, regional, national and supra-national government bodies. A new urban services management model needs to be developed. Partnerships with private companies are crucial to developing any new projects.

In addition, technology also provides new ways to boost citizen participation and to develop open government to the public. Fostering of creativity and entrepreneurship are among the main policies that have to be developed: open government, transparency and open data.

Guidance topics:

Governance Models / Governance Frameworks

Public-Private Collaboration

Funding Smart Transformation

Smart & Open Government

Open data

City resilience & security

City resilience refers to the city's capacity to react to unexpected situations as natural disasters or accidents that could cause disruptions on urban services or transportation networks.

ICTs are becoming a key partner to help manage, monitor and detect accidents or system failures or anomalies, and to manage critical situations once they occur. This includes police, rescue or emergency health services coordination and city resilience monitoring and management.

Guidance topics:

Urban resilience strategies
Urban utilities ICTs solutions
Security and emergencies city services

Smart Geo

Smart Geo covers a wide variety of fields, ranging from surveying, geo-information systems, remote sensing and photogrammetric techniques to supplementary solutions and technologies.

The Geographic Information System (GIS) facilitates the analysis of the different systems composing the smart city (energy, environment, mobility...) with visualization solutions of data captured globally (satellites, remote sensing, etc.) and local geo-information data.

This technologies also offers a platform for pioneering developments on the market of today and tomorrow – multi-sensor technology in data acquisition, mobile computing, cloud sourcing, 3D applications, using satellite positioning – and for the trends towards geo web solutions.

Guidance topics:

Cartography and Remote sensing and photogrammetry
Geographic Information Systems (GIS) and Geo-information visualization
Geodesy and navigation

3. Organizer of the award

The **World Smart Cities Awards** are organized by the Smart City Expo World Congress.

4. Who can participate?

The **World Smart Cities Awards** are aimed at cities, businesses and entrepreneurs, research centers, public or non-governmental organizations or consortiums (public-private) with innovative Smart City visions and solutions.

5. Restrictions

Institutions represented in the judging panel and organizers CANNOT compete in the **World Smart Cities Awards**.

6. Prize categories

Three different categories of proposals will be considered for the competition:

City Award

The City Award considers a global strategy developed by a city that ideally combines projects, initiatives, and policy implementations on 2 or 3 fields of the Smart City. These fields are described in the covered topics point. It rewards a city for its strategy on innovation, collaboration and sustainability efforts.

Project Award

The Project Award considers the most innovative and successful projects developed on a specific area of the Smart City. These areas are described in the covered topics point. It can be submitted by businesses and entrepreneurs, research centers, public or non-governmental organizations or consortiums (public-private). Competing projects must be already implemented or being implemented.

Innovative Initiative Award

The Innovative Initiative Award considers also the most innovative and successful projects developed on a specific area of the Smart City, which in this case are in an earlier stage of development or which are specially remarkable for their social innovative approach. It can be submitted by businesses and entrepreneurs, research centers, public or non-governmental organizations or consortiums (public-private).

7. Presentation of proposals

To enter in the running call for papers, please fill [in the form available here](#).

Proposals must be submitted electronically via this website and are to conform to the terms and conditions here included.

The form and all complementary information will have to be filled out entirely in **English**.

No proposals in any other languages will be accepted.

The organization reserves the right to ask for any clarification or additional information about the submitted entries.

No additional documents to the web form will be accepted, unless required by the organization.



The web form to be fulfilled will require, among other details:

- Submission Title (max 50 characters)
- Brief (Provided a brief description of your paper – max 300 characters)
- Abstract (Provide a short summary of your submission – max 2,000 characters) - You might include the problem solved, context of implementation, state of implementation, country of implementation, added value of the proposal/conclusion, methodology of resolution, solution/conclusions, and any other useful information to synthetically understand the main ideas of your proposed paper.
- Keywords (max 50 characters)

The uploaded document should be no longer than 10 pages/slides. Only PDF format will be accepted.

8. Entry deadline

New deadline: October 4th at 12.00 pm CET.

9. Evaluation Criteria

Competing candidates will be evaluated according to the following criteria (not arranged in order of importance):

Innovation - Points to consider:

- Innovative characteristics of the proposal
- Quality of the proposal
- Response to a need in the case of cities
- Response to a need, or an unresolved problem, in the case of projects or innovative initiatives

Impact - Points to consider:

- Number of people benefitting from the proposed city strategy/project/innovative initiative
- Environmental sustainability of the proposed city strategy/project/innovative initiative
- Level of citizen involvement
- Increase in the quality of life for citizens

Feasibility - Points to consider:

- Economic sustainability of the proposed city strategy/project/innovative initiative (business model)
- Public-Private collaboration aspects of the proposal
- Life cycle of the proposed city strategy/project/innovative initiative
- Feasibility of implementing the proposed city strategy/project/innovative initiative

10. Evaluation process

The evaluation process is divided into two phases:

1) Regulation compliance and pre-selection

The organization and a technical committee of experts that work in the thematic areas covered by the awards will conduct a first evaluation to check whether the proposal complies with the requirements and selection criteria defined.

A pre-selection of 6 award candidates per category will be made.

Pre-selected candidates will be informed and the organization will then be able to request additional information in order to complete the information regarding their proposals.

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

2) Winners' selection

A panel of international judges will evaluate the projects selecting the winner by prize category.

The judging panel will consist of appointed experts and an international selection of participants from any edition of the Smart City World Congress.

The composition of the panel will be communicated during the **Gala Dinner Award Ceremony**.

The prizes winners will also be announced at the **Gala Dinner Award Ceremony** to be held on November 20, 2013.

Any prize award category could be declared void by the judging panel.

Proposals will be exceptionally subject to change of category according to the observations of the judging panel. The candidate will be informed on due time.

11. Preselection communication

Preselected candidates will be informed from **November 5th 2013**.

12. Prizes

The Smart City Expo World Congress will award the winners with the following prizes:

- **City:** 15.000€
- **Project:** 8.000€
- **Innovative initiative:** 8.000€

Prize winners will enjoy publicity of the proposal via various communication media.

13. Intellectual and Industrial Property Rights

The participant is responsible for the authorship of the submitted proposal; he/she 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 be short-listed, 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 World Congress.

14. Data Protection

Due to the sensitive nature of the information supplied, the award organizers, the coordinator, 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 **World Smart Cities Awards**. This also includes any information about its current state of use or development.

Once the project has been selected as a finalist, the organizers of this award may make public any details considered as public (project name, organization responsible, person in charge, websites, description, purpose and category).

15. Queries and suggestions

If you have any queries or suggestions, please email to: smartcity.congress@firabarcelona.com

If you are interested in commercial opportunities to enhance your company's profile at Smart City Expo World Congress, please contact smartcityexpo.ventas@firabarcelona.com

Entering the competition implies full acceptance of its rules