RULES FOR THE SELECTION OF PROJECTS FOR THE SMART CITY OPEN INNOVATION MARKETPLACE TO BE HELD IN BARCELONA FROM NOVEMBER 19TH TO NOVEMBER 21ST AT THE SMART CITY EXPO WORLD CONGRESS.

INTRODUCTION

Cities will have a major role dealing with the critical challenges of the 21st century: climate change and other environmental threats; high consumption of non-renewable resources; economic development; growing populations; and ageing infrastructures.

Technology is setting a new landscape of possibilities for fostering these improvements and making cities more accessible, manageable, communicative, and citizen minded. The impact this is having is so profound that is even changing processes that are not technology centred.

The Smart City Expo World Congress is gathering together forward thinking on cities and citizenship with ready-to-use solutions for making our cities better places to live and work.

In connection with the Smart City Expo World Congress will take place the *Smart City Open Innovation Marketplace (Smart City OIMP)* where big companies and specialized investors lunch an innovative challenge to the International Open Innovation Community looking for **Smart City solutions** and new ideas in the following topics (more information [here](#)).

1. Energy

2. Technology and Innovation

3. Smart society & Collaborative city

4. Sustainable built environment

5. Mobility

6. Governance & Economy

7. City resilience & Security

8. Smart Geo

The *Open Innovation Market Place* is a unique opportunity for you to:

- Presenting your latest creative and innovation solution for Smart Cities.

- Finding partners and investors to develop your project.

- By submitting your proposal to the call, you can win a 15 minutes face-to-face meeting to big corporations and investors at the Smart City Expo World Congress.

- Have direct access to investors and international corporations that will be at the Smart City OIMP.

- Participate in the annual unique meeting point of leaders of the world innovation ecosystem.

- Showcase your prototype in real-time in the Smart City Plaza.

ORGANIZATION

The **Smart City Expo World Congress 2013** is organized by FIRA DE BARCELONA. The **Smart City Open Innovation Marketplace** is organized by XPCAT (The Network of Science and Technology Parks of Catalonia) under the auspices of the general organization of Smart City Expo Congress designated by the FIRA DE BARCELONA. XPCAT designated an Expert Committee who is responsible for selected the best Smart City solutions to the Smart City OIMP.

SELECTION OF PROJECTS

The Expert Committee will evaluate the solutions presented with the following criteria:

- The capacity to solve a Smart Cities challenge.

- Capable management teams.

- Serious technology with sustainable competitive advantages preferred.

- Potential for sustainable growth.

- Impact on the city economy and society.

- The company must have a high innovation component, understanding innovation in the broad sense (product, process, business plan, etc.)

- Representatives must have a good level of English language skills, as the competition process will take place in English.

All projects must be presented trough the official platform. Once submitted, the organizers will notify the solutions presented if everything has been received in good form, or if further information or clarification is necessary. In making the final selection, the organizers will follow the rank ordering provided by the Expert Committee.

Only selected solutions by members of the Expert Committee are eligible to present their projects in a face-to-face 15 minutes meeting at the Smart City Open Innovation Marketplace to big companies and investors. They must do so within the designated timetable and with the optional help of your own audiovisual materials. Some of the solutions selected will have the opportunity to showcase their products in the Smart City Plaza, as well. In order to participate in the Smart City OIMP, it is mandatory to register, minimum one day, at the Smart City Expo World Congress.

By submitting a business plan, candidates represent and warrant to the Smart City Open Innovation Marketplace that they have all rights, titles and/or interests in the business plan submitted, that the information it contains is accurate and complete, and that by submitting the document to the Smart City Open Innovation Marketplace they are not and will not be

violating any contract or third party rights including any patents, copyrights, trade secrets, proprietary or confidential information, trademarks, or rights to privacy.

The Smart City Open Innovation Markeplace organization reserves the right to disqualify any entry that, in its sole judgment, violates the letter or the spirit of the guidelines, processes and rules of the event and its decisions are final and binding.

CONFIDENTIALITY

Any and all materials presented, including business plans, must be appropriate for public dissemination. They must not include any confidential information that the entrepreneur does not wish to make public. Due to the nature of the event, the organization will not be held responsible for the confidentiality of the business plans and their content.

CALENDAR

The deadline for submitting the Smart Cities solutions is on **October 1st**. During the following days, the Expert Committee will analyze and evaluate the projects presented and choose the best finalists. On the end of October, the organizers will contact the selected solutions so they can participate in the final face-to-face 15 minutes meeting with companies and investors in Barcelona during the Smart City Expo World Congress. Also, the organizers will contact with those projects prototype that have been selected to showcase in the Smart City Plaza.

SMART DRIVERS

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.

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.

Smart society & Collaborative city: 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 should be a shared vision and way forward for citizens, and public and private organization.

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 challenges of the space where we live and work: how it is produced and managed, how it is imagined and how it becomes feasible. Cities must care and protect the environment (air,

water and land resources), and integrate different kinds of green spaces, urban agriculture, urban services and urban utilities into a new urban model.

Mobility: The context that sets the development of the smart cities is specially challenging in the framework of the mobility gridlock. With world population growing and concentrating in cities, the capacity of our road and street network has reached in many cases its physical and environmental capacity. Further than the problem of CO2 emissions, "a traffic jam with no emissions is still a traffic jam". In this regard, there is a widespread development of new ICTs for all means of transport, service integration, sharing schemes and mobility management. There is also a car-centered city planning refocusing on how to make cities more pedestrian, bicycle and public transport friendly, while an expansion of new infrastructures to facilitate the use of alternative energy sources.

Governance & Economy: City governments need to play a major role in the implementation of reform agendas, as they face higher demands from their citizens. This happens in a period of tightening economies for public and private sectors and a challenging share of responsibilities within the public sector itself and between public and private. A new urban services management model needs to be developed with new partnerships with private companies being crucial to developing any new projects. In addition, technology is providing new ways of governance focused on: open government, transparency and 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 critical situations once they occur. This includes police, rescue or emergency health services coordination and city services monitoring and management.

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 Systems (GIS) facilitate the analysis of the different systems composing the smart city (energy, environment, mobility...) with visualization solutions of data. These technologies offer a platform for pioneering web developments.

Participation in the Smart City Open Innovation Markeplace implies full acceptance of the present rules and regulations.