



## **IEEE Smart Cities Initiative Affiliated City Application**

The IEEE Smart Cities Initiative is a global, multi-discipline cross-IEEE effort designed for municipalities in all countries who are already in the process of planning and preparing for an increase in urban residents. Through the Initiative, IEEE experts are working with local government leaders and city planners around the world to explore the issues and address what's needed to prepare for the ever-increasing urban population growth, including engaging and interacting with local inhabitants to increase awareness of their urban environment, leading to the formation of smart cities.

The IEEE Smart Cities Initiative has already begun piloting this effort, with Guadalajara, Mexico as its initial participating municipality. A comprehensive city-specific workshop – “Smart Cities of the Future” – took place in October 2013. As a follow-up to the workshop we have developed six whitepapers, with an additional seven in progress, and are working with the University of Guadalajara to develop MOOCs (Massive Open Online Courses) in the areas of Metrics, IoT, Data Visualization and Open Data Framework. We also conducted a Smart Cities event at WCIT 2014.

In early 2014, we issued a call for additional cities and selected Trento, Italy and Wuxi, China. There was tremendous interest from the marketplace and we received 30 applications. We were very impressed by the submissions and the enthusiasm shown by the key constituencies in each city – including the government, industry and academia – and their desire to be actively involved in the Initiative going forward. Therefore, we have created the IEEE Affiliated Smart Cities program, which provides the following benefits to participating cities:

- Permission to use the “IEEE Affiliated Smart City” brand in any official communication;
- Opportunity to promote the city’s developments through the IEEE Smart Cities web portal, with contributed articles or whitepapers to inform the world of plans and progress on the city’s “smartification” process. Each city will have its own web page;
- Preferred speaker registration in IEEE Smart Cities Initiative conferences
- Ability to nominate candidates to join the IEEE Smart Cities Initiative Expert Committee;
- Opportunity to participate in the kick-off workshops of newly selected core cities;
- Receive complimentary access to IEEE Smart Cities Initiative white papers and a preferred access to the courses being developed by IEEE Core Smart Cities Initiative;

- Opportunity to join other initiatives (hackathons, working groups, etc.) that are organized by associations or institutions with close links to IEEE, or that are recommended by IEEE Smart Cities Initiative;
- Ability to raise discussions on the smartification topics that are at the heart of your city's smartification plan, as a member of a worldwide network of cities.

Requirements to become an Affiliated City are as follows:

- A municipality has a clear and on-going strategy to become a smart city, even if the strategy has not been implemented as yet;
- Local IEEE Chapter and Section volunteers agree to serve as liaisons to the community and support the project;
- Local constituencies—municipality, industry, universities, etc. — are willing to involve IEEE in the planning and design of their smart city project;
- Local authorities are willing to share experiences at an international level;
- A municipality has identified the most relevant and current smartification themes to focus on;
- There are some locally-based experts that can join the expert network group.

Applying to become an Affiliated City of IEEE Smart Cities Initiative is simple and **free of charge**. The information required is defined below:

#### **Applicant Contact Information**

[Please complete all fields]

- Date of application:
- Municipality (city, country):
- Municipality website:
- Name of person completing the form:
- Position:
- Organization:
- Office phone:
- Mobile phone:
- Email:
- Alternate email:
- Organization website:
- Organization mailing address:

## **Areas of Focus**

[In no more than 1,000 words per question]

- Describe the largest issue you are attempting to solve by moving to a smart city. What aspect(s) of smart city are you focused on?
- Describe the comprehensive strategy to evolve to your smart city, or how you intend to define this strategy.
- If relevant, identify and describe the elements/activities of your plan, as well as the timeline.
- If relevant, define the commitment already made from a financial and personnel perspective for this effort. How much money has already been allocated?
- Identify the specific organizations involved (government, industry, education, other), and describe their roles and what activities are already underway or completed. What partners are already involved/committed?
- Provide the names and backgrounds of the key individuals leading this effort. They will be in direct contact with IEEE.
- Describe the base of talent and knowledge available from universities, industry, etc.
- Describe how the smart city effort fits with the plan for economic growth—job creation, technological innovation, etc.—in your municipality.
- If relevant, provide metrics related to the smart city's progress – where did you start, where are you now, where do you intend to be in the future?
- Please describe:
  - Macro-economic picture;
  - Quality of the environment;
  - Industrial base;
  - Potential for growth;
  - Educational base (universities, students, etc.);
  - High-tech community and companies;
  - Physical infrastructure.

## **Instructions:**

- Please submit applications via email to the contact provided below.
- Limit your responses (per question) to 1,000 words or less.
- Provide up to three (3) pieces of collateral (marketing) material to support your application.

**Please submit applications to:**

Harold Tepper  
Senior Program Director – Smart Cities  
IEEE Smart Cities Initiative  
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