

IoT Week Lisbon 16 June 2015 14:00-17:00  
EU-US WORKSHOP  
IoT enabling large-scale deployment in  
Smart Cities

Context:

To establish replicable and scalable models of IoT deployments in smart cities and to encourage the adoption of CPS to improve the quality of life, National Institute of Standards and Technology (NIST), in partnership with other agencies and private sector stakeholders, has launched Global City Teams Challenge (GCTC), which enables cities and communities worldwide to share ideas, develop comprehensive requirements and solutions to their common issues, and leverage their respective investments. The Challenge brings the cities and innovators together for creative solutions to smart city needs worldwide based on IoT/CPS. More than 35 actions clusters comprising over 170 corporations, academic institutions, municipal governments and non-profits are currently participating in GCTC. More info at [www.globalcityteams.org](http://www.globalcityteams.org).

The Internet of Things (IoT) is the next digital revolution. Billions of connected and smart things will enable new innovative applications and services at work, at home, all impacting our lives. The European Commission has been pioneering research in that area since 2009. EU research agenda has supported the conceptual design and architecture of the IoT and has started to provide innovation support to make IoT a market reality. Significant EU funding was used to address technical and societal challenges, e.g. to support inter-operability, limit costs, to avoid market fragmentation while increasing trust and security. The last funded programme's goal launched in 2013 was to facilitate wider uptake of IoT-based systems with an emphasis on sustainable smart city applications. The technological focus was also on scalable data management capabilities applicable to heterogeneous device platforms. The results of the last call was the support of 8 medium size projects which complement large projects from previous calls and forming a portfolio of about 15 projects for a total of 75M € EC support.

Objective of the workshop is to exchange information in the domain of IoT and Smart cities and to draft some recommendations for a global cooperation in Smart cities addressed in particular on topics such as interoperability, common data exchange, data analytics model for large scale deployments.

Programme

14:00	14:05	Welcome and Intro	Philippe Cousin, IERC
14:05	14:20	IIC view on smart Cities	Shoumen Data, IIC
14:20	15:00	US global city challenges	Chris Greer, NIST Jacques Magen FIWARE
15:00	15:20	FIWARE Mundus & Smart Cities	Mundus
15:20	15:50	US speaker IoT global connectivity fabric	US speaker
		coffee break	
16:10	16:30	EU IoT-enabled smart cities project	Payam, City Pulse , Maurizio Spirito, Almanac IERC AC3
16:30	17:00	overall discussions	all, panel