

SMART VILLAGE ECOSYSTEM: Opportunity for C2C Partnerships

18th December 2015
(10-17.30 hrs)

presented by



EU FI-Media & Unnat Bharat Abhiyan
www.bic-fimedia.eu www.unnat.iitd.ac.in

Venue

Senate Room, IIT Delhi
Hauz Khas, New Delhi, India. Pin: 110016

Background

The idea of starting an EU-INDIA Cluster to Cluster (C2C) partnership around 'Smart Village' came out of the recent attention given to 'Smart Cities' world. Also with Gol announcing the development of 100 smart cities which essentially are aimed at deployment of internet based applications, content management platforms and broadband infrastructures in every sphere of public systems (such as healthcare, media, energy and the environment, safety, and public services).

Success of 'Smart Cities' project is largely linked with improving good living conditions in rural settings. Hence 'Smart Village' has to be a parallel agenda as it would augment the objectives of 'Smart Cities'. The development disconnects is well recognised in every sphere of village life such as inequity in health, education, incomes, co-exist with urban society getting connected through communication technologies prompting to demand a greater public services and assets, opportunities for growth and access to resources.

Smart Village Focus

Health	Education	Energy
Environment	Public safety	Entrepreneurship
Public services	Sustainability	People



Objective of this workshop

The purpose of the EU-INDIA FI-MEDIA / UBA C2C workshop is brainstorming from the perspectives of both EU and India to develop clarity on various research and innovation challenges and potential solutions related to the development of 'Smart Villages', including Pilots. The program has many sessions: Inaugural session, Background of UBA, Presentations on Rural projects by IIT Madras, Clustering opportunities for Smart Village Ecosystems in India, and Clustering with EU to enable solutions for Smart villages and Sustainability. Knowledge sharing and dissemination will be a key enabler for achievement of the objectives.

Smart Village



Participation

Gol officials, Delegation of the European Union to India, FI-MEDIA partners: Waterford Institute of Technology (Ireland), Beyond Evolution Tech Solutions (Gurgaon), IIT Delhi, and Academic, Research & Industry & NGOs from both EU and India. All participants are expected to share their ideas on 'Smart Villages', including relevant smart technologies, existing initiatives, studies, or projects underway in this area, and potential applications / pilots and challenges for wider replications.

Participants from other organizations are also welcome, if relevant to contribute to the programme. Early and prior information on your relevancy to participation will help us make the most suitable programme.

Programme Plan

There will be three engaging sessions in the seminar on 18th December, 2015, spread out through out the day from 10.00 to 17.30 hours.

Session Plans:

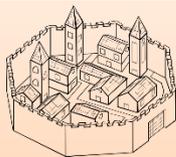
- ❑ **Welcome and Inaugural Address:** By the representatives from EU FI-Media, EU Delegation and Chairman, BoG IIT Delhi (10.00 – 11.30)
- ❑ **Session 1:** Background of Unnat Bharat Abhiyan (11.45 – 12.15)
- ❑ **Session 1 (cont.):** Discussion by Experts (MoPR, World Bank, NIC/Gol, Cisco, DEF, SAP, IIPA, Oxfam, IITD) on Clustering Opportunities for Smart Village Ecosystem in India (12.15 – 13.15)
- ❑ **Lunch:** Venue - Faculty Guest House (13.15 – 14.00)
- ❑ **Session 2:** Discussion by Experts (DEF, BETS, EU eDIGIREGION, Poznan Supercomputing Centre, Vodafone, Smart Village Forum) on Clustering with EU to enable solutions for Smart villages. What are the envisaged solutions for Smart Villages? (14.00 – 15.15)
- ❑ **Session 3:** Discussion by Experts (MHRD, MRD, Smart Village Forum, EU-INDIA FI-MEDIA) on Aligning with existing Programs: Reflections on Policy (15.30 – 17.00)
- ❑ **Concluding session and Vote of thanks** (17.00 – 17.30)



Key themes for deliberation

Are our villages ready for smart and knowledge based solutions? What are the basic pre-conditions for the same? Can we identify a village(s) that is/are partly or fully ready to allow smart experiments?

- ❑ What are the phases of 'Rural Life Cycle' and key aspects 'Rural economy'?
- ❑ What are the smart technology options feasible in rural settings?
- ❑ What are the areas of rural economic life where smart technologies can bring marked change?
- ❑ What are the existing pilot projects on smart village?
- ❑ Any pilots project from global place? Are they replicable in other settings?
- ❑ Is there any existing government scheme on 'smart village'? What are policies or changes required to facilitate 'Smart Village'?
- ❑ Who are the groups / organizations working on research and innovation on the 'SmartVillage' in EU and India?
- ❑ What are the recommendations and way forward?
- ❑ What are the efforts to showcase 'few' projects at select 'Villages'?



Coordinators

EU FI Media Coordinators

Jim Clarke, Abhishek Sharma , M.P. Gupta

UBA Coordinators

Prof.V.K.Vijay (IIT Delhi)

IIT Delhi Coordinator

Arpan Kumar Kar

About EU FI-Media

The purpose of the EU – INDIA Building a Cooperation Platform in Future Internet and Electronic Media project (EU-INDIA FI-MEDIA) is to provide a mobility framework that will enable EU research and innovators in creating cluster to cluster partnerships within India. FI-MEDIA will develop and implement C2C partnerships between clusters created from already existing platforms and initiatives engaged in research and innovation (R&I) related to priority topics within ICT, specifically within the areas of Future Internet & Digital Electronic Media. FI-MEDIA is funded by the Delegation of the European Union to India (<http://eeas.europa.eu/delegations/india>).

About Unnat Bharat Abhiyan

Unnat Bharat Abhiyan (UBA) is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India. The Mission is to enable higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth. (<http://unnat.iitd.ac.in/index.php/en/>)

About the venue: IIT Delhi

IIT Delhi is a national institution of repute and already known for the pioneering research across functional areas. IITD is one of the two educational institutes in India listed in Quacquarelli Symonds' (QS) list of top 200 universities globally. IIT Delhi envisions to contribute to India and the World through excellence in scientific and technical education and research; to serve as a valuable resource for industry and society.