EU-India
STICooperation Days 2016
21-22 September. - CSIR-NIO, Goa, India

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EU – India Building a Cooperation Platform in Future Internet & Electronic Media project (shortname: FI-MEDIA)
http://www.bic-fimedia.eu
Call Reference: EuropeAid/135-474/DD/ACT/IN
Project funded by the Delegation of the European Union to India

James Clarke, Waterford Institute of Technology, Ireland

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the European Union to India

FI-MEDIA

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Industry Support

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Motivations

Europe Aid/135-474/DD/ACT/IN: EU-India Research and Innovation Partnership

Restricted call for EU – India industry collaborations in the following 6 Iots:

(i)   Environment

(ii) Biotechnology

(iii) Transport

(iv) Energy

(v) Health

(vi) Information and Communication Technologies

Project duration: December, 2014 – November, 2018 (48 months)
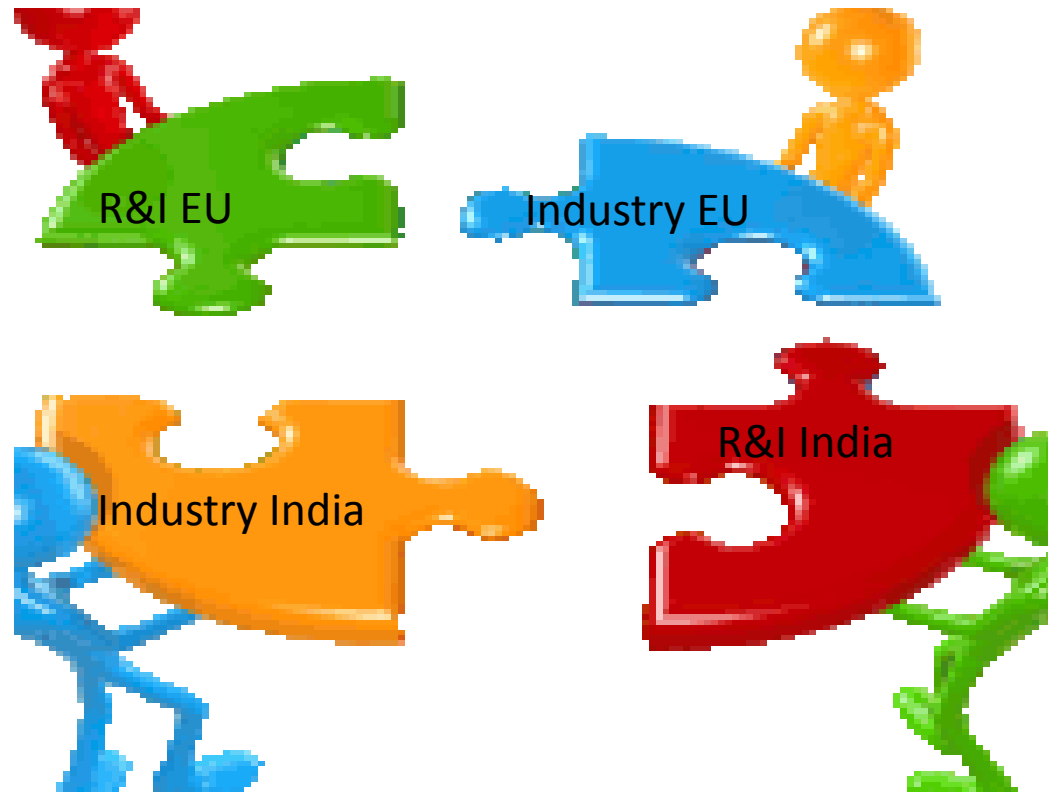
Strategic Objectives (SO)

SO1. Coordination and charting the landscape and prioritizing Future Internet and Digital Media (FI-MEDIA) topics;

SO2. Setting up and running of EU-India Cluster-to-Cluster (C2C) partnerships;

SO3. Mobility of the research and innovation (R&I) communities to facilitate C2Cs;

SO4. Visibility, Exploitation, and Sustainability.

EU-India C2C ecosystem

R&I EU

Industry EU

Industry India

R&I India

EU-India FI-MEDIA

European Commission

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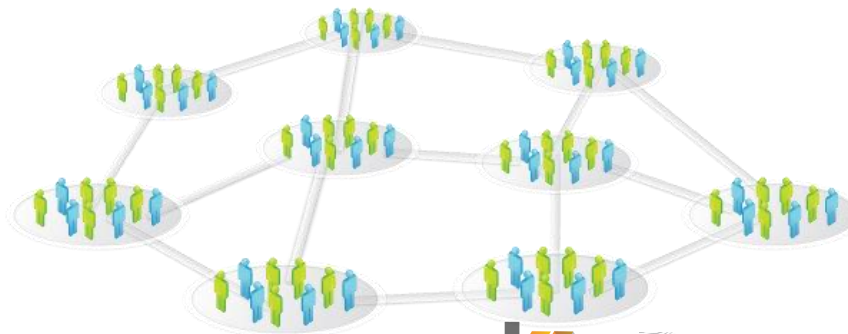# What is a cluster-to-cluster (C2C) partnership?

Cluster = A closed group of Research & Industry Elements who have agreed to work closely on a selected FI-Media topic

C2C Partnership = Partnership of clusters from India with similar Cluster from Europe held together by working on the same FI-Media topic for cooperation

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Approach taken

Identify hot FI-MEDIA topics for clustering
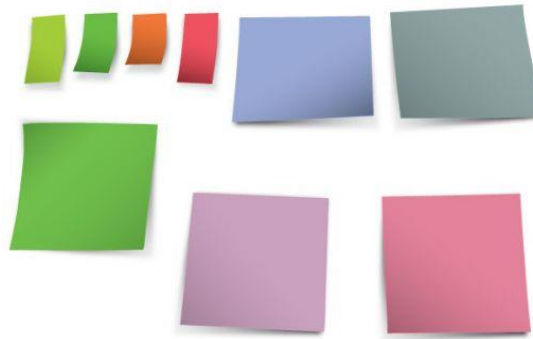
Mapping India-EU landscape

Form cluster to cluster (C2C) partnerships

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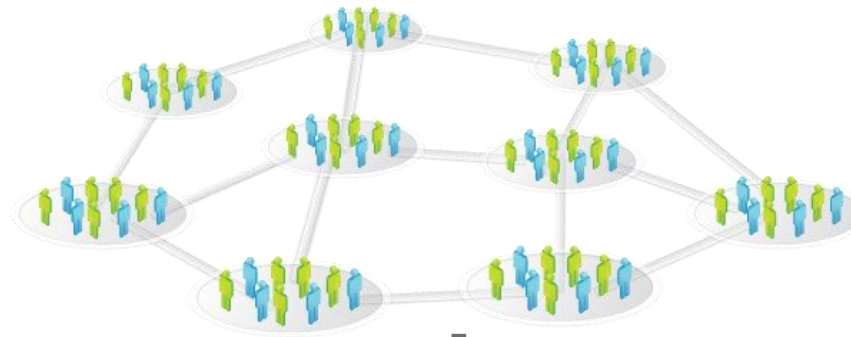
Key results in 2015/2016

1. Clusters are established at EU and India around the selected FI-MEDIA topics of importance to India and EU;

2. Mobility programme contributes effectively to the building of the C2C partnerships;

3. 2 x C2C Partnerships have been set up – 1. Smart Villages ecosystems and 2. Bringing FIWARE to the India context in Smart cities & Smart Villages;

4. Greater involvement & participation of Indian Research & Industry elements;

5. Yearbook of Success published.

2016 activities in a nutshell

C2C-2 kick-off on FIWARE in India, Jan. 2016

Larger EU team from FIPPP came to India and met with FI-MEDIA cluster members, May, 2016

C2C year 2 event on Business opportunities & FIWARE developers sessions 19 Sept., and participation to EU-India STI Cooperation Days, 21-23 Sept.

C2C and larger roadshow style events across three cities planned, November, 2016

Iterated on regular basis with new C2C topics

We are here

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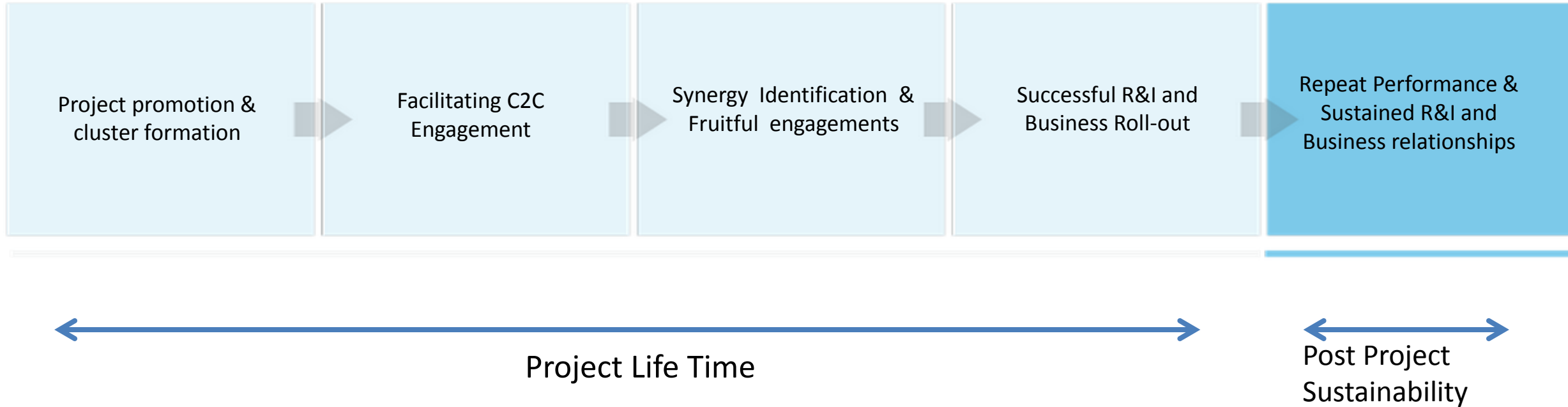
EU-India JIWG Meeting, June, 2016

- EU-India Joint ICT Working Group (JIWG) meeting held in the European Commission (EC) premises in Brussels on 13-14th June, 2016 - co-organised by EC and DEITY;

- The overall theme of the EU-India policy dialogue working meetings was "Linking Digital India and the Digital Single Market for Europe";

- FI-MEDIA was invited to present in the session related to EU-India cooperation in ICT;

- Conclusion reached: FI-MEDIA topics IoT, Smart cities, and 5G, in synchronization with both the EU and India priorities for mutually beneficial cooperation;

- The overall purpose of the EU-India JIWG is to come up with a joint Work programme where EU participants are funded by EU Commission and India participants funded by India Gov't. towards priority topics e.g. Smart cities (including Villages), IoT, 5G, etc.

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Roadmap: Successful & Sustainable R&I and Business Engagement

Project promotion & cluster formation	→	Facilitating C2C Engagement	→	Synergy Identification & Fruitful engagements	→	Successful R&I and Business Roll-out	→	Repeat Performance & Sustained R&I and Business relationships

←——————————— Project Life Time ———————————→   ←—— Post Project Sustainability ——→

Effective Sustainability in Clusters

1. Successful completion – As per specified deliverables;
2. Successful transformation of Research & Innovation Work into Industry or Society utilization;
3. Healthy uptake of the researched & developed products by the society;
4. Improved Expectations from the R&I;
5. New Research & Business Engagements;
6. Sustained Gov't / Industry Supports.

Support Activities

- **Support To and From EC and Gov't of India:**
  - Interface with EC and Gov't of India for establishing C2Cs on ICT priority areas;
  - C2Cs provide evidence, momentum and impetus of needs for supports;
  - Access to / from EC and Gov't of India schemes for addressing the priority areas;
  - Gov't support of funding and infrastructures for the above schemes.

- **Support from Industry bodies:**
  - Exposure to wider industry stakeholders that would benefit from Clustering around ICT priority areas in the FI-MEDIA domains;
  - Exposure to EU and India industry elements that would benefit by cooperation;
  - Feedback on the effectiveness of C2C partnerships;
  - Facilitate cooperation by raising awareness to/from wider members through EoI's and MoU's;
  - Access to their events/activities with wider communities.

Potential Future C2C topics

Smart cities ** incl. villages

Content for rural agri apps

FIWARE

IoT**

5G**

Smart campus
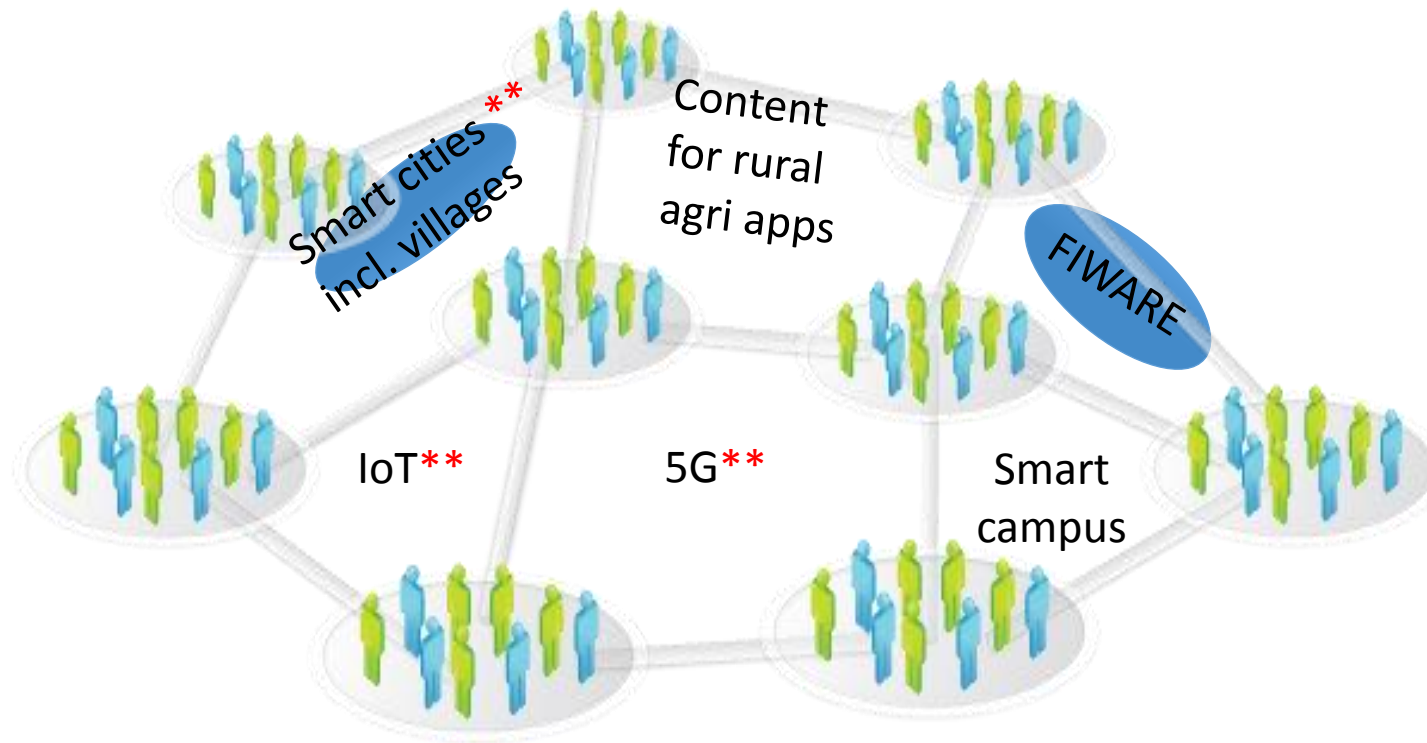
If you are from Industry or Research and fit anywhere here, please talk to us!!

** Have been identified as core topics for EU-India cooperation at the June 2016 JIWG meeting in Brussels

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Cluster forms (1/3)

Form-1: Organization Data in relation to Smart Village (SV) ecosystem			
Name: ……………………………………………………………….			
Organization Name: ………………………………………………………….			
Organization Web site: ……………………………………………………………………..			
Organization Type: Research Institute/ Industry (Strike off whichever not relevent)			
Main area of Research/ business: …………………………………………………….			
Email: ……………………………………….	**Contact No:** ……………………………………………		

Sr. No.	Area of work/research in SV	What we have/work on	What we need to perform
1	Networks		
1.a	Fixed		
1.b	Wireless		
1.c	Mobile		
1.d	All of the above		

Please fill in your form and leave with us today!

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Cluster forms (2/3)

2	**Internet of Things (IoT)**		
2.a	IoT Platform		
2.b	IoT capability/apps		
2.c	… …		
2.d	… …		
3	**Data and Information technologies**		
3.a	Cloud storage		
3.b	Big data		
3.c	Data analytics		
3.c	… …		
3.c	… …		
4	**Vertical Domains (Smart *)**		
4.a	Healthcare		
4.b	Energy		
4.c	Infrastructure		
4.d	Weather		
4.e	e-Governance		
4.f	Transport		
4.g	Content and Media		
4.h	Food		
4.i	Homes		
4.j	… …		

Please fill in your form and leave with us today!

Cluster forms (3/3)

4	Cross cutting areas/Enabling techs.		
4.a	Security		
4.b	Privacy		
4.c	Trust management		
4.d	FIWARE / Open Platforms		
4.e	… …		
4.f	… …		
5	Pilots		
5.a	Small scale: indicate approx num of users= ……..)		
5.b	Medium scale: indicate approx num of users= ……..)		
5.c	Large scale: indicate approx num of users= ……..)		
5.d	… …		
5.e	… …		
6	Others		
6.a	please add		
6.e	please add		
6.f	please add		

Please fill in your form and leave with us today!

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Data analysis and mapping together the participants – post event

	Organization → Domain ↓	Form-2: C2C Matrix for mapping members					
Sr. No.		Participant 1		Participant 2		Particpant n	
		Have	Need	Have	Need	Have	Need
1	Networks						
2	Internet of Things (IoT)						
3	Data and Information technologies						
4	Vertical Domains (Smart *)						
5	Cross cutting areas/Enabling techs.						
6	Pilots						
7	Others						
8	Others						
9							
10							
11							
12							

We will compile the data into one matrix showing who can help who in the cluster partnership

Reports available at http://www.bic-fimedia.eu/

C2C-1 (Smart Villages) report: http://www.bic-fimedia.eu/sites/default/files/u3/FI-MEDIA-UBA-C2C-WS-report-V2_0.pdf

C2C-2 (FIWARE) report: http://www.bic-fimedia.eu/sites/default/files/u3/FI-MEDIA-ICSC-2016-report-V1_0.pdf

Summary paper handout for EU-India JIWG mtg can be found at http://www.bic-fimedia.eu/sites/default/files/u3/EU-India-FI-MEDIA-C2C-summary.pdf

Press release of most recent meeting of C2C-2, 19th Sept. 2016: http://www.bic-fimedia.eu/News/few-days-left-fi-media-c2c-workshop-iit-delhi-19th-september-2016

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