



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

INNO  
INDIGO  
POLICY



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

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# FI-MEDIA

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# FI-MEDIA Partners



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## Industry Support



Federation of Indian Chambers of Commerce and Industry



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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 lots:

- (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)

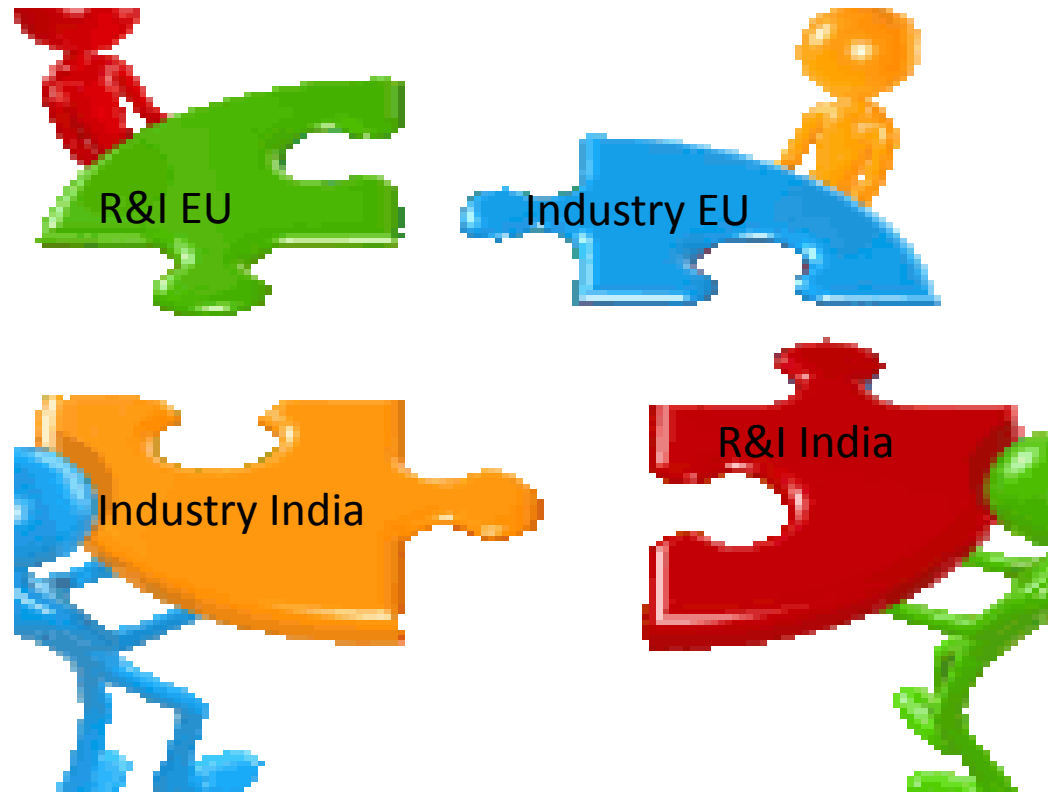
SO1. Coordination and charting the landscape and prioritizing Future Internet and Digital Media (FI-MEDIA) topics;

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

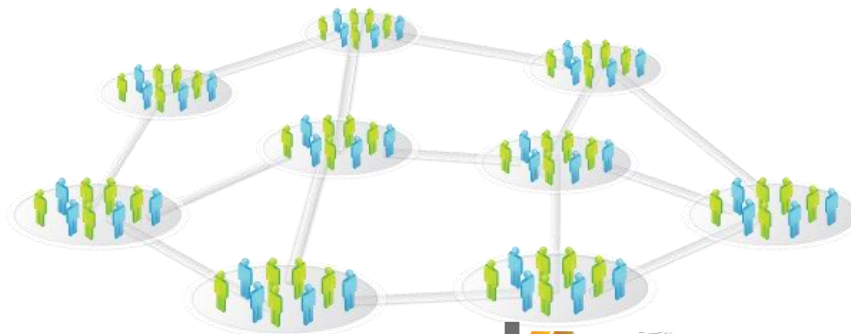


# What is a cluster-to-cluster (C2C) partnership?

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

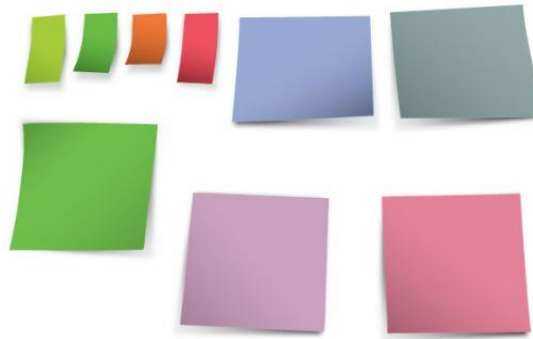


C2C Partnership = Partnership of clusters from India with similar Cluster from Europe held together by working on the same FI-Media topic for cooperation



# Approach taken

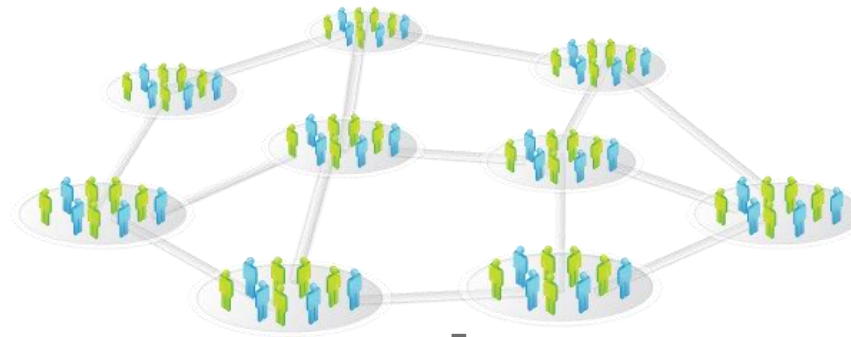
Identify hot FI-MEDIA topics for clustering



Mapping India-EU landscape



Form cluster to cluster (C2C) partnerships





# 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.

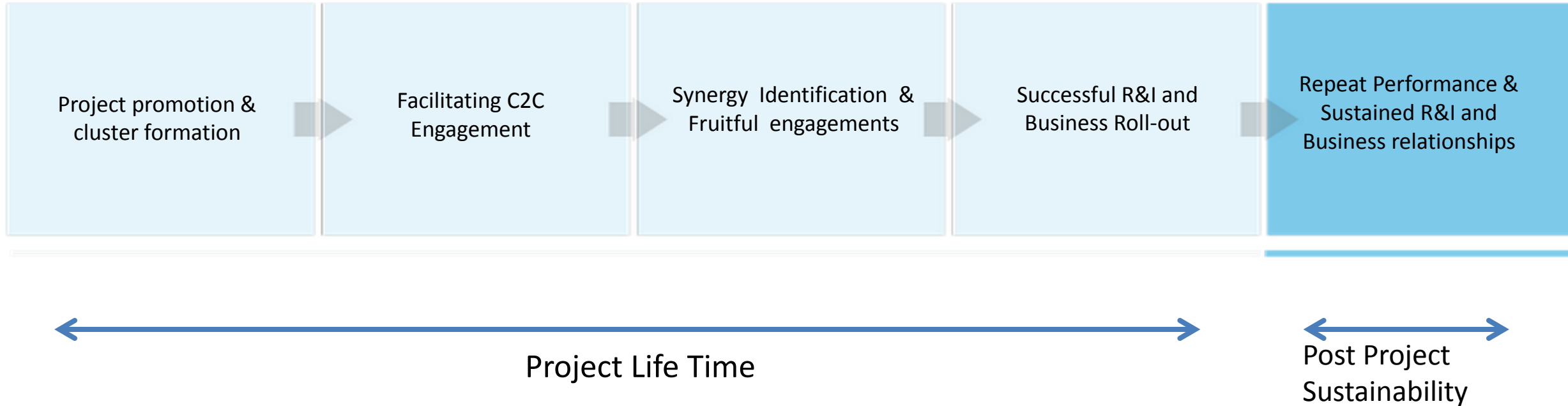
# 2016 activities in a nutshell



# 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.

# Roadmap: Successful & Sustainable R&I and Business Engagement



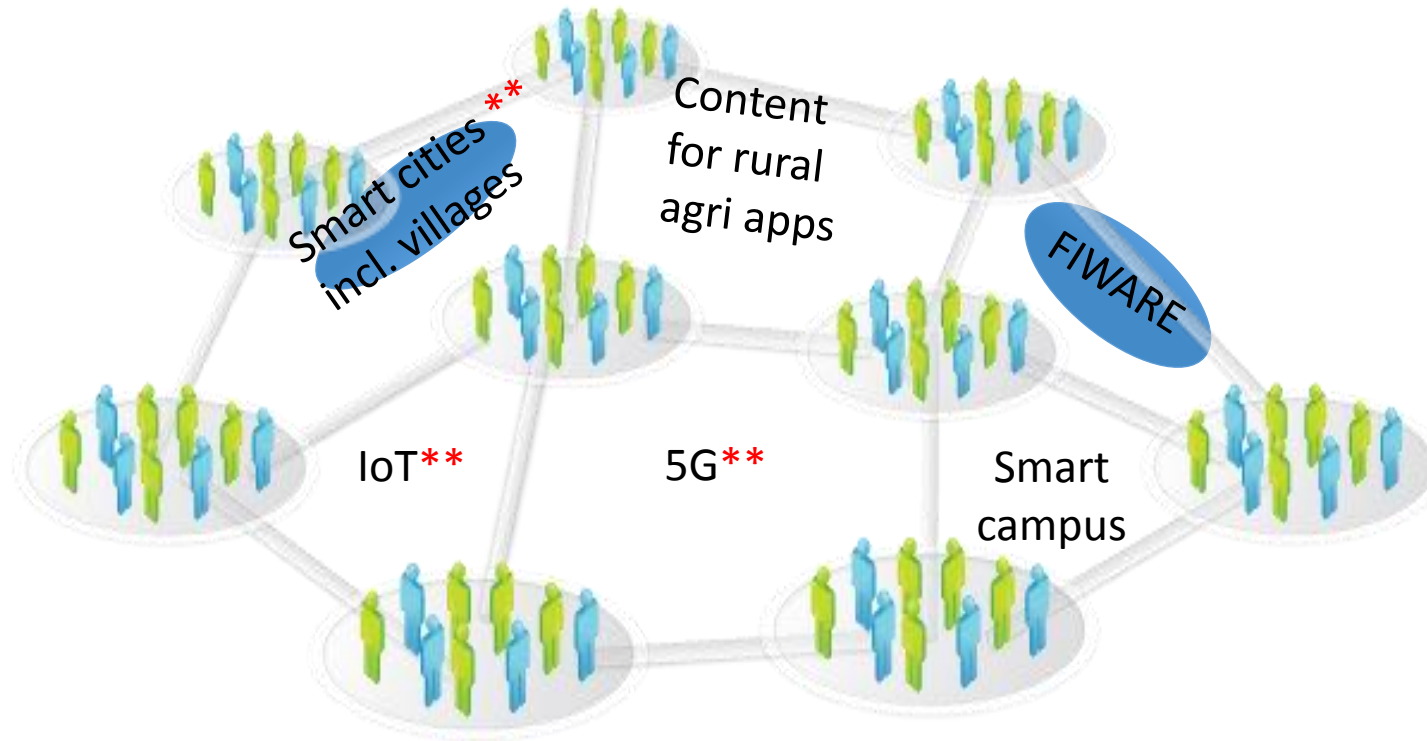
# Effective Sustainability in Clusters

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



**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**

# Cluster forms (1/3)

<b>Form-1: Organization Data in relation to Smart Village (SV) ecosystem</b>			
Name: .....			
Organization Name: .....			
Organization Web site: .....			
Organization Type: Research Institute/ Industry (Strike off whichever not relevant)			
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!**



# Cluster forms (2/3)

<b>2</b>	<b>Internet of Things (IoT)</b>		
2.a	IoT Platform		
2.b	IoT capability/apps		
2.c	... ..		
2.d	... ..		
<b>3</b>	<b>Data and Information technologies</b>		
3.a	Cloud storage		
3.b	Big data		
3.c	Data analytics		
3.c	... ..		
3.c	... ..		
<b>4</b>	<b>Vertical Domains (Smart *)</b>		
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!**



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# Cluster forms (3/3)

<b>4</b>	<b>Cross cutting areas/Enabling techs.</b>		
4.a	Security		
4.b	Privacy		
4.c	Trust management		
4.d	FIWARE / Open Platforms		
4.e	... ..		
4.f	... ..		
<b>5</b>	<b>Pilots</b>		
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	... ..		
<b>6</b>	<b>Others</b>		
6.a	please add		
6.e	please add		
6.f	please add		

**Please fill in your form and leave with us today!**

# Data analysis and mapping together the participants – post event

**Form-2: C2C Matrix for mapping members**

Sr. No.	Organization ↗ Domain ↓	Participant 1		Participant 2		Participant 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](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](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, 19<sup>th</sup> Sept. 2016: <http://www.bic-fimedia.eu/News/few-days-left-fi-media-c2c-workshop-iit-delhi-19th-september-2016>



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# *You may reach us @*



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