

SEVENTH FRAMEWORK PROGRAMME  
Information & Communication Technologies

Coordination and Support Action



EU-India Fostering COOPeration in Computing Systems

**D5.4: Dissemination Activity Report - Year 2**

Document information

Delivery Date	30/11/2013
Confidentiality	Public
Editor	ITSMA
Contributors	All partners
Quality Assurance	FORTH

The EUINCOOP consortium

FORTH-ICS (Coordinator)	Greece
KYOS	Switzerland
The Open Group	United Kingdom
Interactive Technology, Software and Media Association	India
Centre for Development of Advanced Computing	India
Indian Institute of Science	India

© 2012 EUINCOOP Partners

The research leading to these results has received funding from the European Union Seventh Framework Programme (FP7/2007-2013) under grant agreement № 287820.

## Contents

<b>EXECUTIVE SUMMARY</b> .....	<b>3</b>
<b>1 INTRODUCTION</b> .....	<b>5</b>
1.1 PURPOSE OF THE REPORT .....	5
1.2 PROJECT OBJECTIVES OF THE DISSEMINATION ACTIVITY .....	6
1.3 STRUCTURE OF THE DOCUMENT .....	6
<b>2 DISSEMINATION AND COMMUNICATION APPROACH FOR YEAR 2</b> .....	<b>7</b>
<b>3 DISSEMINATION TOOLS</b> .....	<b>9</b>
<b>4 DISSEMINATION ACTIVITIES- YEAR 2</b> .....	<b>15</b>
4.1 ENHANCEMENT AND MAINTENANCE OF PROJECT WEBSITE .....	15
4.2 EUINCOOP SURVEY .....	16
4.3 PROJECT AWARENESS THROUGH SOCIAL MEDIA TOOLS.....	17
4.4 PRESS AND MEDIA PUBLICATIONS.....	21
4.5 DISSEMINATION EVENTS.....	23
4.5.1 <i>Events organized by EU-INCOOP</i> .....	23
4.5.2 <i>Events participated by EU-INCOOP</i> .....	25
4.6 COLLABORATION WITH OTHER EUROPEAN PROJECTS AND WORKING GROUPS.....	26
<b>5 OVERALL DISSEMINATION IMPACT- YEAR 2</b> .....	<b>27</b>
5.1 WEBSITE ANALYSIS.....	28
5.2 ACCOMPLISHED DELIVERABLES AND MILESTONES .....	31
<b>6 SUMMARY AND CONCLUSIONS</b> .....	<b>35</b>
<b>7 REFERENCES</b> .....	<b>36</b>

## Executive Summary

The present Deliverable D5.4 reports on the dissemination activities within the EU-INCOOP project. The main objective of the dissemination plan for year2 was to establish the strategy to raise awareness of the EU-INCOOP project and its outcomes, as well as define target goals which will provide feedback of the results to the project.

According to the dissemination plan, the EU-INCOOP Consortium has been continuously reporting on its achieved goals, among which to:

- Provide an Intelligent platform which helps to stimulate collaboration and cooperation in the computing technologies field between Europe and India
- Provide a forum for the exchange of best practices, ideas and issues as well as getting regional information for developing joint research collaborative agendas
- Access to and visibility of requirements and perspectives of computing communities both in India and Europe
- A channel for articulating the musts, needs and wants of the computing community: mainly drawing out the priorities areas in computing systems.
- An interpretation or mapping into functional and technical requirements
- A channel for feeding back to the stakeholder community, and debating the impacts – benefits and penalties.
- Face to face meetings with the experts to discuss ideas and capitalize on knowledge and form strategies.

In the above context, a number of dissemination activities were performed during the second year of the project, all in order to ensure the applicability of the project results, increase the visibility of the project outcomes and boost the project's recognition within and outside the computing systems community.

All the partners were encouraged to get involved in the dissemination activities. The following lists of tasks were implemented to execute such actions:

- Presentation and promotion of the project to targeted audiences through the project website
- Production and dissemination of advertising and promotional materials of the Project.
- Presentation of the project results at conferences, workshops and other events.
- Preparation of papers and newsletters for conference proceedings and workshops
- Organization of thematic workshops and other EU-INCOOP events.
- Development of relations with other European and Indian research projects

A core part of the EU-INCOOP dissemination and communication strategy has been the participation of the consortium members in the most relevant events in Europe and India.

The project results were presented in multiple events with experts' participation from both regions (HIPEAC event, Gothenburg; HIPC 2012, Bangalore; ITBiz2012, India; HIPEAC events in Paris 2012 & 2013; ADCOM 2013 and ICT2013, Vilnius). The results are compiled in the deliverables available as public documents in the project website [www.euincoop.eu](http://www.euincoop.eu)

## 1 Introduction

EU-INCOOP project aim is to stimulate cooperation in computing technologies between Europe and India, in order to support Europe's leading position in computing system, while ensuring mutual benefits for both Europe and India.

In the above context, EU-INCOOP partners with the help of advisory committee members concretized the research priority areas under computing systems, identified the gaps and overlaps between the two regions and also took guidance from experts to understand the technical, financial and policy scenarios in the computing systems area that enabled the project team to short list joint areas for future collaboration.

EU-INCOOP compiled state-of-the-art projects in both regions, identified key actors, policy directives, as well as funded projects so that reasonable collaboration can be proposed for joint activities between Europe and India.

The Roadmap document on Euro-India collaboration in computing systems research developed in the project shows that the number and complexity of common research challenges shared by Europe and India provides a clear indication that both regions could substantially benefit from a more collaborative approach to government funded computing systems research. This Roadmap paves the way to strategize and formulate the future research policy in computing systems in Europe and India.

The approach adopted by the project is to link the computing research and scientific community, the general public with dissemination actions, in order to keep dissemination focused and pave the road for exploitation, as well as get feedback on the project that can help to tune project activities and the project results.

### 1.1 Purpose of the Report

The main purpose of this deliverable is to display the set of actions carried out within the project to raise awareness of the objectives, activities, collaborations and especially the results achieved during the project life cycle.

It provides a summary of the effective results of the EU-INCOOP dissemination strategy by highlighting the dissemination materials created by the consortium, main venues attended and workshops, as an evidence of the external dissemination and communication efficiency.

This document also includes all networking activities carried out by EU-INCOOP in terms of liaison and meetings with other research related projects and initiatives.

## 1.2 Project Objectives of the Dissemination Activity

The core objectives of work package (WP5) are as follows:

- To effectively disseminate the project objectives, the workshop outcomes, the project results and outcome to the specific key players of both the regions.
- To spread information about the project activities and opportunities
- To expose the European ICT research community to the Indian potential for Research and Development cooperation and vice versa
- To expose and disseminate the content and conclusions of the “Road Mapping report” to the target audience.

## 1.3 Structure of the document

The document opens with an Executive summary followed by an introduction and in section two, the dissemination and communication approach for year 2, what we have planned and achieved in terms of the proposed plan, followed by the section three with the EU-INCOOP dissemination tools created and often used (e.g. website, poster, flyer, Booklet, YouTube videos, social networking, etc). Then it describes all dissemination actions in section four, providing a complete list of activities and attended conferences and workshops. Then, section five, is about the collaboration report with the different performed actions with other projects and working groups. In last section we present the overall impact of year 2 activities.

## 2 Dissemination and Communication Approach for year 2

The dissemination strategy of EU-INCOOP is made up of three consecutive phases. These three phases of dissemination required different methods and activities to be undertaken in order to achieve the goals. The 3 phases are:

1. **Awareness Creating phase**
2. **Result dissemination phase**
3. **Exploitation phase**

In year 1 the project concentrated mainly on awareness creating phase mostly through participation and networking in international events, HiPEAC conferences, workshops, national events, global Investors meetings and forum meetings so that a greater awareness can be created among the research community. The dissemination tools like poster, flyer, newsletters, presentation slides, website etc were also used for promotion. This phase was successfully completed.

The aim of the 2 phase was **to promote the results and findings of the project, get the feedback from the community to feed to the Roadmap document**. During the 2 years of the project life, the results of the EU-INCOOP project were recorded in project deliverables and key findings were published, promoted and discussed among research and industry stakeholders in computing system domains.

The project objectives and findings were communicated to EU-INCOOP advisory Committee members. The advisory Committee helped in concretizing the research priority areas, the gaps and overlaps between the two regions and also guided the technical, policy and kind of funding mechanisms that could be considered for future collaborative projects. This phase was carried till the end of the project.

The Final phase is the exploitation-oriented phase. During this phase specific activities were targeted to improve Euro-India collaboration and cooperation in embedded and computing systems area, and to develop common cooperation initiatives.

To successfully implement the third phase, EU-INCOOP partners decided to have a better and more effective dissemination strategy for year 2. The dissemination activities for year 2 were planned in a way to reach more potential target users who can exploit the results well.

<b>TARGET AUDIENCE</b>	<b>OBJECTIVES</b>	<b>TOOLS</b>	<b>CHANNELS/NETWORK</b>	<b>TIMELINES</b>
Project Partners & their database	To enhance coordination and deliver the project results	Newsletters, Deliverable Reports, Database, Website Posters, Booklet	Conferences/ Workshops Networking, Mailers, LinkedIn	Regular and throughout for year 2
Academic and Organisational Researchers, Government bodies within the area and related fields	Provide information about the project and results of the project	Website Newsletters, Posters/Fact sheet, Deliverable Reports	Networking Internet Conferences/ Workshops, Mailers, LinkedIn	Regular and throughout for year 2
Other EU and India ICT projects	Awareness – promote collaboration, links and synergies	Website, Newsletters Summaries, Posters, Flyers, booklet	Meetings Conferences/ Workshops Networking, mailers	Periodic Events Focusing on updates
Public, NGOs, SMEs, Universities	Create interest and awareness, deliver project results	Fact sheet , Website Newsletters, flyers, booklet	Social Media Internet (facebook, Linked-in, Twitter) Conferences/ Workshops, mailers	Periodic events results, and public impact

Table 1: *Outline of the Dissemination Plan for Year 2*



### 3 Dissemination Tools

Dissemination materials were developed and produced as planned for distribution and in-person dissemination activities like conferences, workshops, seminars and exhibitions.

**Project poster:** 3 different posters (Figure 1 and Figure 2) were developed during the year 2. They were presented at the HiPEAC workshop, Paris, ADCOM 2013 and ICT 2013 event.



Figure 1: EUINCOOP Posters

To see the Posters follow: [http://euincoop.eu/promotional\\_tools.html](http://euincoop.eu/promotional_tools.html)

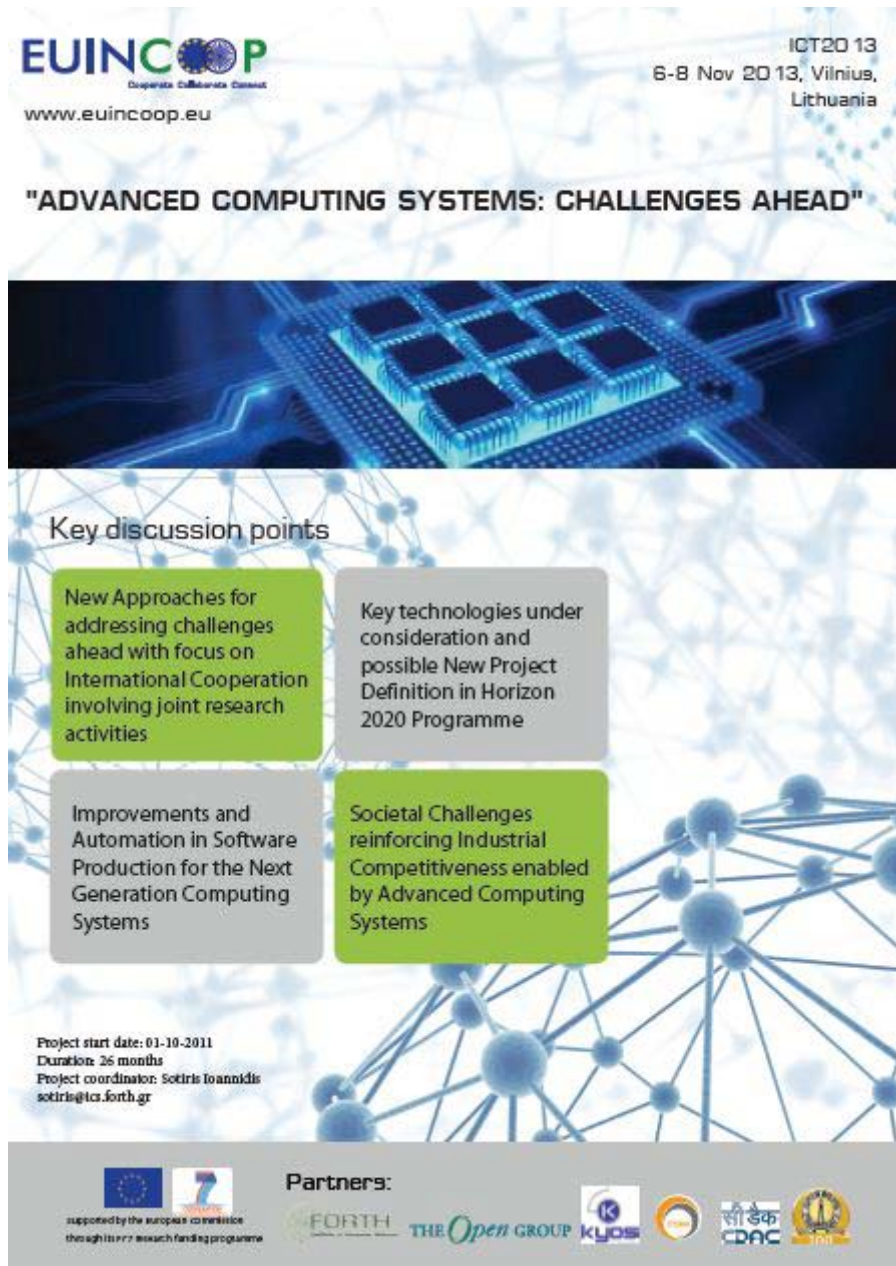


Figure 2: EUINCOOP Poster for ICT 2013 event

To see the Poster follow: [http://euincoop.eu/promotional\\_tools.html](http://euincoop.eu/promotional_tools.html)

**EUINCOOP Flyer**

The project flyers have been revised and updated for publicizing the project. The flyers (Figure 3 and Figure 4) were distributed in conferences and workshops attended by partners during the year 2.



**Figure 3: EUINCOOP Flyer 2**

To see the Flyer follow: [http://euincoop.eu/promotional\\_tools.html](http://euincoop.eu/promotional_tools.html)



**EUINCOOP**  
Cooperation in Computing Systems  
www.euincoop.eu  
Supported by the European Union Seventh Framework Programme under grant agreement № 287820.

### Key Objective

The EUINCOOP (EU-India Fostering COOperation in Computing Systems) is a Coordination and Support Action (CSA) project funded by European Commission under FP7 which is running for 24 months from 1 October 2011. The project objective is to stimulate cooperation in the Computing Systems technologies field between Europe and India, in order to support Europe's leading position in Computing Systems, while ensuring mutual benefits for both Europe and India.

### Key Contributions

- Bringing together the European and the Indian computing system community.
- Identifying the major challenges faced in the field of computing systems.
- Creation of a research roadmap in computing systems using the input of the European and Indian polices resources and needs.

**Project Details**  
Project start date: 01-10-2011  
Duration: 24 months  
Project coordinator: FORTH  
Requested EC Contribution: € 350K

**Contact**  
Sotiris Ioannidis  
E-mail: sotiris@ics.forth.gr  
Tel: +30 2810 391945  
Fax: +30 2810 391609

### Key Findings

#### Identified Technology Areas for Cooperation



#### Common Research Challenges and Computing Domains

- Software for emerging platforms
- Software for internet based systems
- Software for Big Data
- System software for enterprise
- Network embedded system interoperability
- Software for social computing
- HPC Technology Platform



**Partners**



Figure 4: EUINCOOP Flyer 3

To see the Flyer follow: [http://euincoop.eu/promotional\\_tools.html](http://euincoop.eu/promotional_tools.html)

### EUINCOOP Booklet

The project developed a “Booklet” (Figure 5 and Figure 6) that summarized the key findings and expert recommendations. This booklet is a subset of the final Road map deliverable D5.3. This booklet was distributed in ICT2013 event which took place from 6 -8 November 2013 at Vilnius.




Figure 5: EUINCOOP Booklet cover page


To see the booklet follow:


[http://euincoop.eu/documents/2013collaterals/20131119\\_euincoop\\_booklet.pdf](http://euincoop.eu/documents/2013collaterals/20131119_euincoop_booklet.pdf)


### EUNCOOP Advisory Committee Members

EU Experts


  
Prof Neera Suri  
TU Darmstadt,  
Darmstadt, Germany


  
Prof Luciano Baresi  
Politecnico di Milano,  
Italy


  
Dr. Ino Stefan  
Weiser HPC Center (HLRS),  
Stuttgart- Germany


  
Prof Benvenuto Fernando  
University of Salford,  
UK


Indian Experts


  
Dr G V Ramanuja  
Head Nano Division,  
Ministry of IT, Delhi

  
Shri Raj Singh,  
Chief Scientist,  
CEERI-Pilani, Rajasthan

  
Prof Sanjeev  
IIT Kanpur, Kanpur

  
Prof R Govindraj  
Chairman,  
Supercomputer Education &  
Research Centre,  
ISC, Bangalore

  
Mr. Manoj Babith  
Acting Global Manager,  
Technology Entrepreneurship & Head,  
Corporate Affairs, Intel




**About EUNCOOP**

"EU – India fostering Cooperation in Computing Systems" (EUNCOOP) is a European Commission funded Framework Programme 7 (FP7) project with an aim to stimulate research cooperation between Europe and India in Computing Technologies in order to support Europe's leading position in computing system, while ensuring mutual benefits for both Europe and India.

EUNCOOP is a 26 months Coordination and Support Action (CSA) project under FP7 that started in October 2011. The partners of EUNCOOP cover a broad spectrum of competencies: Academic, research, small business, consulting and industry. These competencies were further strengthened by our advisory committee created for the span of the project.

The advisory committee helped in concretizing the research priority areas under computing systems, it helped identify the gaps and overlaps between the two regions and also guided in understanding the technical, financial and policy scenarios in the computing systems area that enabled the project team to short list joint areas for future collaboration.

The Roadmap document on Euro-India collaboration in computing systems research developed in the project shows that the number and complexity of common research challenges shared by Europe and India provides a clear indication that both regions could substantially benefit from a more collaborative approach to government funded computing systems research. This Roadmap paves the way to strategize and formulate the future research policy in computing systems in Europe and India.



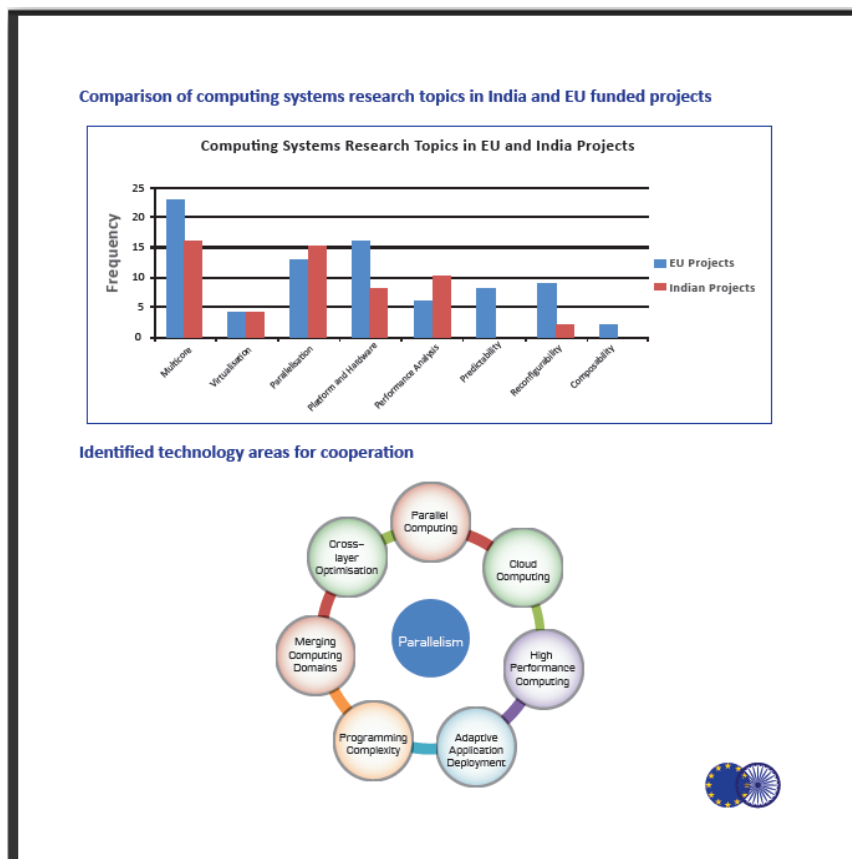


Figure 6: EUNCOOP Booklet- Inner pages

To see the booklet follow:

[http://euincoop.eu/documents/2013collaterals/20131119\\_euincoop\\_booklet.pdf](http://euincoop.eu/documents/2013collaterals/20131119_euincoop_booklet.pdf)

## 4 Dissemination Activities- Year 2

The following dissemination activities were carried out during the second year of the project.

### 4.1 Enhancement and maintenance of project website

One of the primary dissemination resources to communicate the outcomes of the project is the website that can be reached under [www.euincoop.eu](http://www.euincoop.eu) (Figure 7) which presents information for all target groups.

- The website has been regularly updated to report recent project activities, progress and achievements.
- The news and events sections have been regularly updated.
- The project findings and outcomes have been updated in the home page of the website.
- The new promotional materials developed were uploaded in the download section of the website.

The screenshot displays the EUINCOOP website homepage. At the top, the logo 'EUINCOOP Cooperative Collaborate Connect' is visible alongside the European Commission logo. A navigation bar includes links for Home, About EUINCOOP, Events, Publicity, Advisory Committee, Related Links, Downloads, and Contact Us. The main content area features a header titled 'EUINCOOP - Fostering Cooperation in Computing Systems' with a sub-header 'EU-India Fostering COOPERATION in Computing Systems (EUINCOOP) is Coordination and Support Action (CSA) project which is running for 24 months from 1 October 2011 to 30 September 2013 funded by European Commission under Seventh Framework Programme (FP7)'. Below this, a paragraph describes the project's aim to foster collaboration in computing technologies. A central diagram shows three overlapping circles: 'High Performance Computing', 'Cloud Computing', and 'Embedded Computing'. The sidebar on the right contains sections for 'News', 'Events', 'Cooperation With other Projects', and 'Gallery'. The 'News' section lists 'Big data and "data communities" are key in crisis response and prevention'. The 'Events' section mentions the 'IEEE International Conference on Cloud Computing for Emerging Markets'. The 'Cooperation With other Projects' section lists 'SYNCHRONISER', 'PlanetHPC', and 'APOS-EU'. The 'Gallery' section shows a collage of project-related images. At the bottom, there are social media links for Twitter and LinkedIn, and a footer with the text 'This website and its content is copyright of Project EUINCOOP - Copyright (c) 2011-2013. All rights reserved.'

Figure 7: Snapshot of Project Website

## 4.2 EUINCOOP Survey

The EUINCOOP Project team designed a brief online survey (Figure 8) to enable the computing systems experts from across the world to suggest and recommend EU-India joint research priority areas in Computing Systems. The Project identified potential areas in Computing Systems research and development for joint projects between India and Europe, and the prioritizing option were described in the EUINCOOP report [Research Challenges](#) for Europe and India.

- The Survey link was highlighted in the homepage of the website.
- The survey link was sent to computing system experts, IT database, partner's database for their feedback and opinion on research priority areas.
- The survey link was published in social media tools like LinkedIn, facebook and Twitter.
- Partners attended several Conferences and workshops like HiPEAC, ACC2013, ADCOM 2013, and ICT 2013 and shared the survey link among computing Experts from Academia and Industry.

Survey Link: <http://euincoop.eu/limesurvey/index.php/299583/lang-en>

**EU-INCOOP Survey of Priorities for Computing Systems Research Jointly Funded in Europe and India**

Prioritising options described in the EU-INCOOP report [Research Challenges](#) for Europe and India

**EUINCOOP online questionnaire**

Please provide the following information about yourself and your organisation and your recommended priorities in the Computing Systems research areas. If you provide an e-mail address we will notify you when further information is available concerning future calls for joint project opportunities between Europe and India.

\* **Family Name**

\* **First Name**

**E-Mail (optional)**

\* **Organisation Name**

\* **Organisation Type**  
Choose one of the following answers

Please choose... ▼

\* **Location**  
Choose one of the following answers



**\* Please indicate which of the areas below should be given highest priority for joint research between India and Europe.  
Choose one of the following answers**

Software for emerging platforms

**?** The EU-INCOOP Project has identified potential areas in Computing Systems research and development for joint projects between India and Europe that should be considered for government funding in each region. A full description of the research areas and additional background can be found in the EU-INCOOP report [Research Challenges for Europe and India](#).

**\* For your first priority research area, please indicate up to two most promising technology developments that should be the focus for government funded joint research between India and Europe.  
Please select at most 2 answers**

Use of algorithms as an abstraction layer, combined with automated parallelisation based on that abstraction

Model-based engineering technologies that better address properties related to parallelisation during design combined with new transformation technologies to automate exploitation of parallelisation at deployment

Increased run-time intelligence to dynamically adapt software to better exploit parallelism of the platform

New languages that aid in the expression of parallelism and that provide better mapping or automation of algorithm design

Other Technology Development

**\* Please indicate which of the areas below should be given second highest priority for joint research between India and Europe.  
Choose one of the following answers**

Software for Big Data

**\* For your second priority research area, please indicate up to two most promising technology developments that should be the focus for government funded joint research between India and Europe.  
Please select at most 2 answers**

Data centric system software exploiting manycore parallel computing platforms

Figure 8: Snapshot of EUINCOOP Survey

### 4.3 Project Awareness through Social Media tools

#### Creation of LinkedIn Page for EUINCOOP Project

LinkedIn is the world's largest professional social network with over 175 million members and growing rapidly. LinkedIn helps to connect and exchange knowledge, ideas, and opportunities with a broader network of professionals.

To grab this advantage, EU-INCOOP team created a group in LinkedIn forum (Figure 9). The objective was to share and exchange knowledge and experiences about future technologies in computing systems between Indian and European consortium partners and advisory committee members which will lead to the co-creation of innovative ideas and identification of new challenges faced in the field of computing systems. This also served as a good tool to share the project results and to brainstorm about new research opportunities and collaborations in computing systems.

The project information was added and the group invitation was sent to several contacts related to IT and computing community. The project information and results were also shared in other groups related to computing system. About 51 members joined the group. The project posted every outcome of EU-INCOOP activities and shared latest news and events.

The EU-INCOOP survey was shared through LinkedIn and received few comments and opinion about joint priority areas in computing system. The opinions and comments were also recorded and taken as input for the final Roadmap deliverable.

The screenshot displays the LinkedIn group interface for 'EUINCOOP- EU India Collaboration in Computing Systems'. At the top, the group name and '50 members' are visible. Below the header, there are navigation tabs for 'Discussions', 'Promotions', 'Jobs', 'Search', and 'Manage'. The main content area features a large image of white geometric shapes. A search bar is present with the text 'Start a discussion or share something with the group...'. The 'Your Activity' section shows a post by Deepthi Prasad titled 'Research report: 2014 State of Server Technology'. The post includes a thumbnail of the report cover and text: 'Research: 2014 State of Server Technology reports.informationweek.com Research: 2014 State of Server Technology Just when conventional wisdom had converged around the cloud being a software story, shaking up the business models and pressuring the profit margins of the likes of Microsoft and Oracle, come signs that...'. The right sidebar shows 'Latest Activity' with likes from Shakti Ruge, Dr. S.G. PRAKASH VINCENT, and Deepthi Prasad.

Figure 9: Snapshot of EUINCOOP Group in LinkedIn forum

To follow the EUINCOOP LinkedIn Group: <http://www.linkedin.com/groups/EUINCOOP-EU-India-Collaboration-in-4936887>

**EUINCOOP Facebook and Twitter page**

The website also makes use of Facebook and Twitter (Figure 10) – both being designed to augment and complement the website as the central channel of public engagement. The project activities, deliverables and news and events are regularly updated on Facebook and Twitter.



**Figure 10: EUINCOOP Facebook and Twitter page**

## EUINCOOP YouTube Channel

The project created a YouTube channel (Figure 11) for EU-INCOOP. The entire project related videos and presentations given in the events were captured and published on the channel. The video links were further uploaded to promote in website, Facebook, LinkedIn and Twitter

The screenshot shows the YouTube channel page for EUINCOOP. The channel banner features the EUINCOOP logo with the tagline "Cooperate Collaborate Connect" and a background image of a server room. The channel name "EUINCOOP" is displayed with a "Subscribe" button and a subscriber count of 3. The video list shows two uploads:

- Shaping the computing systems research, Prof D Manjunath, IIT- Mumbai**  
6 months ago • 27 views  
Shaping the computing systems research - Perspectives from IIT's, Research and technology challenges addressed
- HiPEAC and Artemis models of Collaborations, Prof. Avi Mendelson, Technion, Israel**  
6 months ago • 9 views  
HPC- Perspectives from Israel, Key challenges. Experiences of Israeli- European cooperation in computing systems.

pages.

**Figure 11: EUINCOOP YouTube channel**

To Follow the EUINCOOP YouTube channel: <http://www.youtube.com/user/EUINCOOP>

#### 4.4 Press and media publications

EUINCOOP announcements of its activities and achievements are best communicated through Press Releases (Figure 12). The second year press coverage was carried out by the dissemination partner ITSMA. An announcement of the project results was published after the ADCOM event in October 2013. Some of the snapshots of the press coverage received are given below:

Media Name	URL
APNNEWS	<a href="http://www.apnnews.com/2013/11/06/computing-systems-research-roadmap-for-joint-research-cooperation-between-india-and-europe/">http://www.apnnews.com/2013/11/06/computing-systems-research-roadmap-for-joint-research-cooperation-between-india-and-europe/</a>
IT Voice Media	<a href="http://www.itvoice.in/?p=22140">http://www.itvoice.in/?p=22140</a>
Rediff.com	<a href="http://realtime.rediff.com/news/category-b-internet-service-licence#!EUINCOOP">http://realtime.rediff.com/news/category-b-internet-service-licence#!EUINCOOP</a>
DATAQUEST	<a href="http://www.dqindia.com/search/europe?full_site_search=true&amp;page=2&amp;per_page=25&amp;sort=relevance">http://www.dqindia.com/search/europe?full_site_search=true&amp;page=2&amp;per_page=25&amp;sort=relevance</a>
VARINDIA	<a href="http://www.varindia.com/mobile/EUINCOOP-complets-Computing-Systems-Roadmap.htm">http://www.varindia.com/mobile/EUINCOOP-complets-Computing-Systems-Roadmap.htm</a>
EFYTIMES	<a href="http://www.efytimes.com/e1/fullnews.asp?edid=120573">http://www.efytimes.com/e1/fullnews.asp?edid=120573</a>
CIOL	<a href="http://www.ciol.com/ciol/news/200082/euincoop-announces-successful-completion-computing-systems-research-roadmap-process">http://www.ciol.com/ciol/news/200082/euincoop-announces-successful-completion-computing-systems-research-roadmap-process</a>
Silobreaker	<a href="http://news.silobreaker.com/computing-systems-research-roadmap-for-joint-research-cooperation-between-india-and-europe-5_2267224124650684425">http://news.silobreaker.com/computing-systems-research-roadmap-for-joint-research-cooperation-between-india-and-europe-5_2267224124650684425</a>
Convergence plus	<a href="http://www.convergenceplus.com/daily-news-november-07.html">http://www.convergenceplus.com/daily-news-november-07.html</a>
VARINDIAMAGAZINE	<a href="http://www.varindia.com/EUINCOOP-complets-Computing-Systems-Roadmap.htm">http://www.varindia.com/EUINCOOP-complets-Computing-Systems-Roadmap.htm</a>
Trending Now-Blog	<a href="http://instantpublish.blogspot.in/2013/11/computing-systems-research-roadmap-for.html">http://instantpublish.blogspot.in/2013/11/computing-systems-research-roadmap-for.html</a>
Channel Infoline	<a href="http://www.channelinfoline.com/article/Computing-Systems-Research-Roadmap-for-joint-research-cooperation-between-India-and-Europe.php">http://www.channelinfoline.com/article/Computing-Systems-Research-Roadmap-for-joint-research-cooperation-between-India-and-Europe.php</a>

Table 2: List of Press release links

The screenshot shows the CIOL website interface. At the top left is the CIOL logo with the tagline 'MAKING IT YOUR ADVANTAGE'. Below the logo is a navigation menu with categories: HOME, NEWS, ENTERPRISE, SMB, COLUMNS, RESOURCE CENTER, and EVENTS. A search bar is located to the right of the menu. Below the navigation is a 'Hot Topics' section with links for Android, Cloud, Developer, E-Governance, Networking, ESDM, Green IT, Security, Storage, and Telecom. A 'Headlines' section features a link: 'Broadridge and Pitney Bowes re-invent mail in the cloud with Amazon Web Services...'. The main article is titled 'EUINCOOP announces computing systems research roadmap process', published on Wednesday, Nov 6, 2013. The article content is partially visible, showing the beginning of the text. To the right of the article is a 'MOST POPULAR' sidebar with several news items, including 'Polaris CBX gets recognized for user experience and security' and 'Govt malware and open letter from Bits of Freedom'. Social media sharing options (Like, Tweet, Share, Email, Print) are visible on the left side of the article.

The screenshot shows the ITVoice website. At the top is the ITVoice logo and the text 'Print & Online IT Magazine'. Below the logo is a navigation bar with 'IT Voice News'. The article title is 'Computing Systems Research Roadmap for Joint Research Cooperation between India and Europe Announced', dated November 20, 2013. The article content includes the EUINCOOP logo with the tagline 'Cooperate Collaborate Connect' and the text: 'Bangalore, INDIA – November 6, 2013 The EU-India consortium led project “EUINCOOP” announces the successful completion of the ‘Computing Systems’ research roadmap process. The project aimed at identifying key topics for EU-India cooperation in Computing Systems and proposes a joint funding mechanism. In Sept 2011, EUINCOOP, an initiative funded by the European Commission under Framework Programme 7 (FP7) and executed by a consortium of research institutes and technology consultant organizations, to stimulate and initiate research cooperation between India and Europe, was assumed with an objective to identify common research challenges through a ‘consensus building model’. Led by the Foundation for Research and Technology-Hellas (FORTH), a leading centre for research and development in'. To the right of the article is a sidebar with a search bar and a 'IT VOICE ISSUE' section displaying a grid of various IT products and services.

Figure 12: Snapshots of press releases

## 4.5 Dissemination Events

Dissemination and promotion of project results at conferences and workshops were the key part of the EU-INCOOP project. They provide opportunities to network with other experts and to exchange scientific expertise and ideas. EU-INCOOP used the well-established international system of conferences and conventions to consult other specialists and publish results of the project on a scientific level to a professional audience.

### 4.5.1 Events organized by EU-INCOOP

Event	When and Where	Who	Number of participants	Description
EU-INCOOP International workshop on next generation computing system EURO-INDIA collaboration in joint Research Activities	4-5 April 2013 Indian Institute of Science, Bangalore India	FORTH KYOS ITSMA IISC CDAC	30	The goal of the workshop was to exchange the needs and priorities of Europe and India in super computing and high power computing domains with an aim to draw out a common research agenda in computing systems to facilitate international cooperation between the two regions. The copy of the project deliverables were distributed to the delegates, so that they are aware of the project activities. The event was well attended by experts invited. There were 7 experts from India and 4 from Europe who made presentations followed by interactive discussions with participants. More details about the workshop are available in deliverable D4.2.
HIPEAC workshop	2 May 2013, Paris, France	FORTH KYOS	25	The Spring 2013 Computing Systems Week (CSW) of HiPEAC was held on May 2-3, 2013. A special thematic session was devoted to the EUINCOOP. The EUINCOOP session was more targeted as a dissemination event and feedback collection avenue rather than collection of more information from the European experts on the roadmap document developed by the project.

				<p>The latest roadmap document and proposed activities in the timeframe of Horizon 2020 were presented in the session and the presentation is also available at the HIPEAC website, which is frequently visited by the research community.</p> <p>Reference: Euro-India Collaboration in Advanced Computing System Research in the Horizon 2020; Report published in HIPEAC info 35, newsletter July 2013; <a href="http://www.hipeac.net/content/hipeacinfo-35-july-2013">http://www.hipeac.net/content/hipeacinfo-35-july-2013</a></p>
Advanced Computing and Communications (ADCOM)	22-25 Oct. 2013, Chennai, India	KYOS IISc ITSMA	>100	<p>ADCOM 2013 was a major conference addressing the major topics of Computing systems organised under the banner of ACCS-India, society of IEEE Computing Society. The hot issue of Big Data was one of the major topics discussed. The conference had multiple invited speakers from International industrial and academic institutes to address the adaptive computing to cloud computing, Big Data and social computing issues. EU-INCOOP had proposed their Roadmap document in the form of the Conference paper. The Organising Committee considered the EU-INCOOP proposal as an important issue to progress the research work with International Collaboration and hence they proposed to organise a special session to address the cooperation and identify the way to achieve it. EU-INCOOP Flyers and deliverable D3.2 were distributed to the Experts.</p>
ICT 2013	6-8 Nov. 2013, Vilnius	KYOS ITSMA	30	<p>ICT 2013 was a major event involving all FP7 projects and beyond to cover the Horizon 2020 framework programme. EUINCOOP organized a 90 minutes Networking Session titled "Advanced Computing Systems: Challenges Ahead" at the ICT 2013 Conference on 7th November</p>



				<p>2013 between 6pm and 7.30pm at Booth 2. The presentation of the project results and posters were displayed. The project was happy to receive more than 30 persons visiting and discussing the different topics related to Computing Systems. A booklet that summarized the key findings and expert recommendations was given to the participants at the session along with the project flyer. The participants appreciated the project outcomes, especially the recommended joint priority areas, and expressed their willingness to get connected to the project.</p>
--	--	--	--	---

#### 4.5.2 Events participated by EU-INCOOP

Event	When and Where	Who	Description
International Research Collaboration in Computing Systems	17 Oct. 2012 Ghent	FORTH KYOS	The workshop organised by the EC, co-located with HiPEAC week, to assess International activities in computing systems and to plan future research activities.
8th HiPEAC Conference 2013	Berlin, Germany, 21-23 January 2013	FORTH	<p>The HiPEAC conference provides a forum for experts in computer architecture, programming models, compilers, and operating systems for embedded and general-purpose systems. The conference aims at the dissemination of advanced scientific knowledge and the promotion of international contacts among scientists from academia and industry.</p> <p>EUINCOOP participated in a large poster session event. The poster is uploaded in the project website.</p>
W3C HTML 5 Workshop,	September 19th 2013, Bangalore,	CDAC ITSMA	The World Wide Web Consortium (W3C) India, MAIT and EUINCOOP partner CDAC organized an HTML5 Tour in India from 17 -

	India	IISc	25 September 2013. The Workshop deliberated the features of HTML5 and W3C's Open Web Platform Technologies and their adoption into Web Applications. EUINCOOP partners ITSMA, CDAC and IISc participated and networked with eminent technology leaders & experts present during the workshop. The EUINCOOP activities and results were disseminated to Industry/Academia and wider public. The Flyers were distributed to the participants.
EUINCOOP@ Second International Conference on Advances in Cloud Computing (ACC 2013)	September 19-20, 2013, Bangalore, India	KYOS IISc ITSMA	Computer Society of India launched the conference series on Advances in Cloud Computing (ACC) to provide an international forum for researchers, professionals, and industrial practitioners to share their knowledge in the rapidly growing area of Cloud Computing. EUINCOOP partner C-DAC took active part in this Conference by giving Key Note talk, presenting Research paper, and also gave Demos of Scientific Cloud. EUINCOOP results were disseminated to the cloud computing experts and the promotional materials like flyers and brochure were distributed.
EU Session on International collaboration	3 Oct. 2013 Brussels	KYOS	Co-ordination across all CSA-SA projects organized by the project officer, to consolidate international scenario for future work.

#### 4.6 Collaboration with other European projects and working groups

Cooperation with other similar projects was foreseen to optimize scientific networking, research collaboration, and exchange of information as well as for dissemination activities.

- **SYNCHRONISER** - Enhancing the impact of the significantly progressing EU-India research policy dialogues in the Information Technology.
- **PlanetHPC** – A unique forum for European researchers and industrialists to identify the research challenges facing High Performance Computing (HPC).

- **EUCLID** – Strengthening EU-India collaboration in networked monitoring and control systems technologies.
- **RISC** –The Project aims at deepening strategic R&D cooperation between Europe and Latin America in the field of High Performance Computing (HPC).
- **APOS-EU** - Looking to foster collaborative research between European and Russian scientists. APOS will investigate technologies and develop tools for the software challenges encountered by computational scientists in the face of new trends in high-performance computing architecture development.
- **SCC-Computing** - Aims at establishing a strategic collaboration with the host and developer of this computer system in China to explore a range of research issues.
- **HOPSA (HOListic Performance System Analysis)** - Project aims to create an integrated diagnostic infrastructure for combined application and system tuning.
- **Ideal-ist** - **Ideal-ist**: Ideal-ist is an international ICT partner search network, with more than 85,000 contacts in line with the international cooperation strategy of the European Commission. Ideal-ist addresses ICT companies and research organizations worldwide wishing to find project partners for a participation in FP7.

### EU-India ICT Working Group

EUINCOOP has established close links with the BIC project and its advisory committee members. EU advisory committee member Prof. Neeraj Suri, also a partner of BIC project member met the Indian funding agency (DEITY) in April 2013, to brief the ongoing collaborative activities across Europe and India in ICT and Computing Systems technologies. (<http://www.bic-trust.eu/>).

## 5 Overall dissemination Impact- Year 2

In order to measure the dissemination impact, we have listed the following dissemination assets to measure the success:

- Website statistics (Figure 13) including number of visits, duration of visits, number of downloads, download items, etc
- Number of events attended, number of participants in these events and number of people interested in our presentation of the project
- Number of newsletters and articles published
- Number of dissemination tools developed and used
- Number of attendees in our workshops and
- Size of the group at the selected social network in Internet
- Number of press releases

## 5.1 Website Analysis

The project used the Awstats and Google Analytics tools to monitor the activity of the project web site and measure the progress and impact. Sample data covering the last 12 months of the second year of the Project (Jan 2013 – Nov 2013) is presented below. Full reports are available in the internal section of the EUINCOOP website

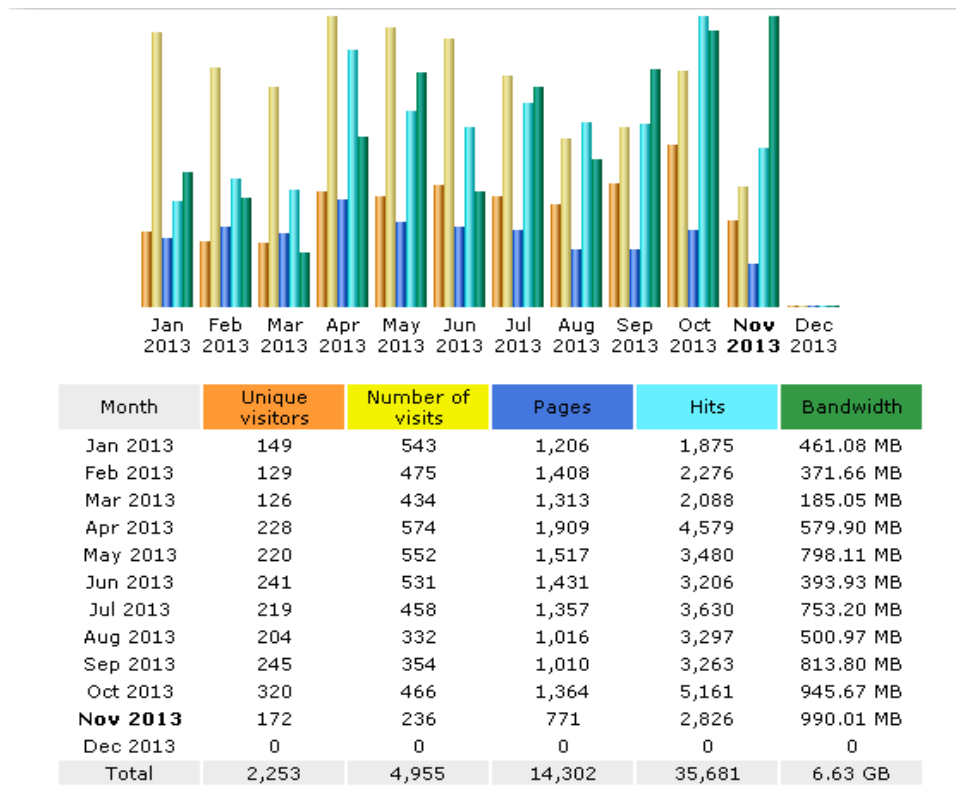


Figure 13: EUINCOOP Website statistics

### Number of web visits

The overall number of unique visitors on EU-INCOOP website in the first year of the project period was 2,585 visits. In the second year of the project period (01/1/2013 until today 20/11/2013) (almost one year) the number was almost doubled with 4,955 unique visitors. The total hits in the second year are 35,681 compared to first year which was 22,901. The website has seen a moderate number of unique visits almost every month throughout the year which is an indication that the project might have been viewed by technology specialists to gain insight.

### Average timing people are on the site

The average time the visitors navigate within the pages of our site is nearly 5 minutes; the maximum time some people have spent goes close 15 to 20mins as presented in Figure 14 below. This indicates that people have not just skimmed through the website, but taking time

and interest to read and understand the project in detail. Figure 15 and Figure 16 provide statistics on country wise visits and details of downloads done from the website.

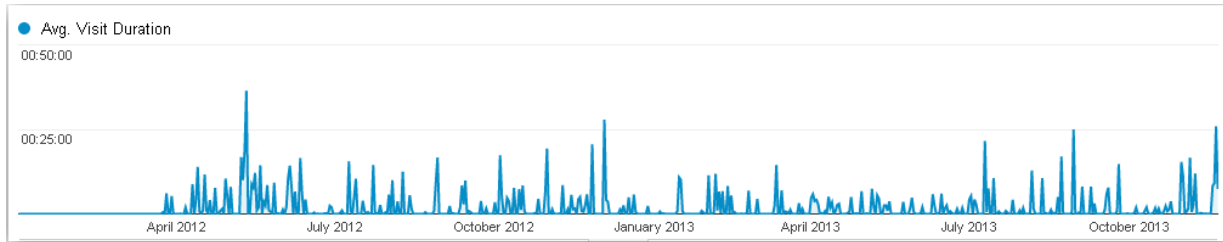


Figure 14: EUINCOOP Website-Avg. Visit Duration

Countries (Top 25) - Full list					
Countries		Pages	Hits	Bandwidth	
India	in	212	964	207.09 MB	
Japan	jp	120	225	7.89 MB	
United States	us	93	200	88.05 MB	
China	cn	61	355	368.94 MB	
Russian Federation	ru	49	127	1.43 MB	
Great Britain	gb	49	88	2.80 MB	
Germany	de	45	67	4.66 MB	
Israel	il	28	121	95.99 MB	
Italy	it	25	52	600.56 KB	
Greece	gr	22	234	6.81 MB	
Switzerland	ch	15	82	1.53 MB	
South Korea	kr	12	14	212.96 KB	
Lithuania	lt	10	46	1.21 MB	
France	fr	9	37	4.97 MB	
Spain	es	6	43	4.63 MB	
Indonesia	id	5	33	243.44 KB	
Bangladesh	bd	4	30	635.09 KB	
Ukraine	ua	2	2	32.03 KB	
Norway	no	1	16	1.76 MB	
European country	eu	1	1	11.87 KB	
Poland	pl	1	5	7.51 MB	
Netherlands	nl	1	20	46.09 MB	
Turkey	tr		6	11.24 MB	
Egypt	eg		2	32.69 KB	
Philippines	ph		2	32.69 KB	
Others		0	54	125.66 MB	

Figure 15: EUINCOOP Website- Visitors from Different Countries


Downloads (Top 10) - Full list				
Downloads: 45				
	Hits	206 Hits	Bandwidth	Average size
 /documents/deliverables/ICT-287820-WP3-D3.1.pdf	51	35	103.02 MB	1.20 MB
 /documents/euclid_ws_bang/Are_you_ready_for_the_Era_of_Big_Data%...	38	19	115.41 MB	2.02 MB
 /documents/deliverables/ICT-287820-WP3-D3.2.pdf	32	192	51.72 MB	236.42 KB
 /documents/Workshop_4-5April2013_IISc_Bangalore/Current_Research...	32	7	14.25 MB	374.23 KB
 /documents/Workshop_4-5April2013_IISc_Bangalore/Super_Computing_...	29	8	16.31 MB	451.41 KB
 /documents/euclid_ws_bang/Agenda_8th_August_2012.pdf	28	3	2.21 MB	72.91 KB
 /documents/Workshop_4-5April2013_IISc_Bangalore/Your_Worldwide_I...	28	0	16.39 MB	599.50 KB
 /documents/Workshop_4-5April2013_IISc_Bangalore/EUINCOOP_Worksho...	28	0	1.74 MB	63.79 KB
 /documents/Workshop_4-5April2013_IISc_Bangalore/Multi-Modal_Phon...	27	0	49.20 MB	1.82 MB
 /documents/Workshop_4-5April2013_IISc_Bangalore/Need_for_Indo-Eu...	24	0	28.17 MB	1.17 MB

Figure 16: EUINCOOP Website- Top 10 Downloads

Figure 17 presents some indicators about the dissemination activities of the project like Facebook Likes number and amount of LinkedIn Group Members.

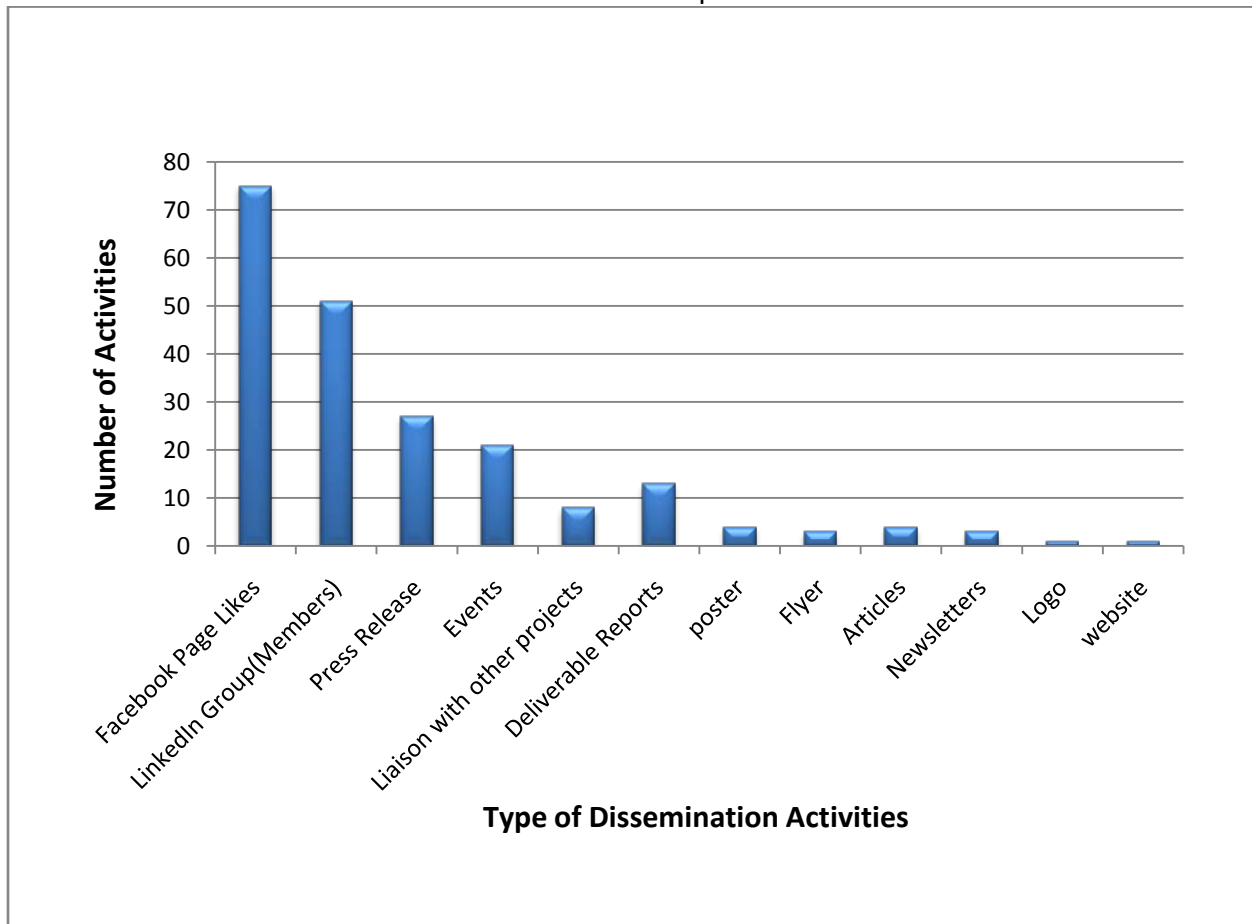


Figure 17: Overview of Dissemination activities

## 5.2 Accomplished Deliverables and Milestones

The project deliverables are the main instrument to document the progress of work and the project outcome. A number of these deliverables are classified as public and were published on the project website. These publications make projects results available to stakeholders and the interested public on a technical level.

Deliverables	Type	Description
D1.1 Project Handbook	Confidential	Administrative tools, templates and communication tools
D1.2 Annual Report	Confidential	The first periodic management report of the project
D1.3 Final Report	Confidential	The final management report of the project.
D2.1 Regional Analysis of Computing Systems Research Activities	Public	This document highlights many aspects of National Priorities & Ongoing Activities, India Research Roadmap - in next 5 years and International Collaborations. The nationally funded projects by Department of Information Technology (DIT), Department of Science & Technology (DST), Department of Bio Technology (DBT), and Ministry of Earth Science (MoES) are listed as a separate document (deliverable D3.1) to demonstrate the national priority areas.
D2.2 Preliminary Research Roadmap	Public	This document summarizes the EUINCOOP project work to identify needed research programmes that impact a wide spectrum of application areas in India. An account of the European priorities and the challenges Europe is actively engaged in is given to have an overall picture of both the

		regions.
D3.1 Catalogue of Key Actors	Public	This document is a catalogue of the key actors that are involved in government funded research related to Computing Systems technologies in India and the European Union. The document identifies and analyses research topics having shared interests and potential opportunities for closer collaboration between the EU and India and reports on the organisations that provide funding for Computing Systems related research in India.
D3.2 Research Challenges for Europe and India	Public	This report describes the identified potential areas in Computing Systems research and development for joint projects between India and Europe, and the prioritizing option in future computing systems
D4.1 Brokerage Event Report 1	Public	The report provides details of the broker event organized and results of the workshop during the first year of the project.
D4.2 Brokerage Event Report 2	Public	The report provides details of the broker event organized and results of the workshop during the second year of the project.
D5.1 Project Website	Public	The project website gives a complete overview of the project information, activities, outcome and results gained.
D5.2 Dissemination Activity Report - Year 1	Public	This deliverable summaries all dissemination activities undertaken and liaison established during first year of the project



D5.3 Research Roadmap	Public	This final roadmap document summarizes the draft research report produced in WP2 based analysis, experts opinion and first brokerage event with further review and feedback from the community of experts in collaboration as well as the work done in WP3 in developing Research challenges.
D5.4 Dissemination Activity Report - Year 2	Public	The deliverable summaries all the dissemination activities undertaken during the second year.

### Milestones Achieved

Milestone no	Milestone Name	WP Number	Status
MS1	Kick off meeting	WP1	Completed
MS2	Website Deployment	WP5	Completed
MS3	Regional Analysis	WP2	Completed
MS4	Euro-India Brokerage Event	WP4	Completed
MS5	Catalogue of Actors	WP3	Completed
MS6	First Year Review	WP1	Completed
MS7	Roadmap Draft	WP2	Completed
MS8	Euro-India Event	WP4	Completed
MS9	Euro-India Collaboration	WP5	Completed
MS10	Final Project Review	WP1	To be held on 10th December 2013



## 6 Summary and Conclusions

This deliverable has described the dissemination and exploitation strategies and plans of the EU-INCOOP project. The dissemination activities were targeted to a wide audience of the academic and Industry research organizations. The project consortium was very active in publishing the work produced within the framework of the project in workshops and conferences, and also in participating and organizing events such as workshops, special sessions and dedicated panels at international conferences. Participation and contributions to standards have been also identified as an effective approach for increasing the overall impact of the EU-INCOOP outcomes.

The projects has been successful in garnering maximum interest among the stakeholders of the computing systems domain about the joint priorities for Europe India collaboration in his sector. The LinkedIn group was one of the active groups which commented and agreed upon on the identified research areas. In fact one of the group members from India has take interest in forming a consortium and submitting a proposal for the FI-PPP call for 2013. The expert has remained in touch with the dissemination partner and seeking assistance in finding European partners for the same.

The project partners participation in several events to promote the project results, the identified areas and gather feedbacks and suggestions have strongly substantiated the project results. The survey also has added to the impact achieved by the project.

The project website, the promotional materials were very good aid for discussions on the project. Overall the project dissemination and communications strategy adopted in three phases have been successful in achieving the goals foreseen – to involve the expert stakeholder communities from India and Europe who are not in the project committee to concretize the identified priority topics, to disseminate the project results to the policy makers, the industry players, to disseminate to general public interested in computing systems research.

## 7 References

1. <http://euincoop.eu/>
2. <http://www.planethpc.eu/>
3. <http://apos-project.eu/>
4. <http://www.scc-computing.eu/en/>
5. <http://www.vi-hps.org/projects/hopsa/overview>
6. <http://www.ideal-ist.eu/>
7. <http://www.accsindia.org/accs-adcom-2013.html>
8. <http://ec.europa.eu/digital-agenda/en/ict-2013>
9. <http://www.hipeac.net/conference/berlin>
10. <http://www.ciol.com/ciol/news/200082/euincoop-announces-successful-completion-computing-systems-research-roadmap-process>
11. <http://instantpublish.blogspot.in/2013/11/computing-systems-research-roadmap-for.html>
12. <http://www.varindia.com/mobile/EUINCOOP-complets-Computing-Systems-Roadmap.htm>