







EuroIndiaNet

"Bridging the Gap between Europe and India's Nanotechnology

Knowledge Bases towards an understanding of Innovative Support

Structures, Training Programmes and Policies"

Contract No. 26402 (INCO)

June 2007

Deliverable 16: Project Management Report

Part 1: Periodic Activity Report for the Last Reporting Period,
Publishable Final Activity Report and Final Plan for Using and















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EXECUTIVE SUMMARY

This Part 1 of the Project Management Report provides details of the activities for the EuroIndiaNet project (FP6-2002-INCO-Commultilet/SSA-5): Number 026402 – EuroIndiaNet) for its 12 month duration as the Publishable Final Activity Report and Final Plan for Using and Disseminating the Knowledge. It forms part of deliverable "D16: Project Management Report" (Part 2 of this deliverable is the Final Management Report). The period of the report spans 1st April 2006 – 31st March 2007.

The project is co-ordinated by Sociedade Portuguesa de Inovação (SPI), from Portugal. The project partners are:

- Institute of Nanotechnology, UK
- Malsch TechnoValuation, NL
- Indian Institute of Technology Bombay, India
- Indian Institute of Science, India
- Science and Technology Park, University of Pune, India
- University of Delhi, India

The deliverables associated with the activities of the project are provided as annexes to this report.



1 - OVERVIEW AND WORKPACKAGE PROGRESS OF THE PERIOD

1.1 – Project Objectives

The aim of this project is to promote innovation through stronger collaboration between European Union (EU) and Indian scientists, industrialists and policy makers in the areas of the nanosciences and nanotechnologies through activities including:

- A message forum where collaborations between Indian and EU scientists can be established and developed;
- A comprehensive description of current policies, funding strategies, training programmes and support structures for nanotechnology R&D in both India and the EU;
- A report and online database describing key infrastructure and organisations in nanotechnology research and development (R&D);
- A workshop where key stakeholders will determine routes to establishing stronger collaboration between EU and Indian scientists;
- A strategy for the development of a cross-border Technology Platform encompassing research, industry and government.



1.2 – Deliverables

The project had the following deliverables associated to fulfil these objectives:

- D1 First Project Team Meeting;
- D2 Project Administrative Report;
- D3 Initial Thematic Report;
- D4 Website;
- D5 Database Structure;
- D6 Brochure, booklet layout;
- D7 Communication Strategy;
- D8 Draft Study on Policies, Support Structures and Training Programmes that
 Foster Innovation in the Nanotechnology Domain in the EU and India;
- D9 Who's Who in Nanotechnology in Europe and India Booklet;
- D10 Workshop;
- D11 Workshop Proceedings Report;
- D12 Final Study on Polices, Support Structures and Training Programmes that Foster Innovation in the Nanotechnology Domain in India;
- D13 Implementation Plan for an Innovation Platform Strategy on Nanotechnology;
- D14 EU-India Dissemination Conference;
- D15 EU-India Dissemination Conference Report;
- D16 Project Management Report.

These deliverables are provided as ANNEXES to this report with the exception of D9 and D14, which are events that were held and have separate deliverables that report on these events (D10 and D15 – ANNEXES 10 and 13).



1.3 - Workpackage Progress of the Period

The project progress for its 12 month period is summarized in the following tables.

Table 1: Workpackages and Tasks

Description of Task	Details of Work Completed
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WORKPACKAGE I PROJECT MANAGEMENT

D1. First Project Team Meeting

Conduct a project team meeting. The objectives of the meeting were to:

- Achieve a 'team spirit', especially important given the range of project partners' skills, experience and home locations;
- Discuss and further specify a general method and communication structure for the project;
- Define strategies to identify key players within the Nanotechnology sector in Europe and India, based on the partner's contacts and their institutions databases and networks;
- Set the parameters and requirements for developing and structuring the platform strategy and its implementation plan;
- Discuss administrative issues, namely the meetings between the project members for project follow-ups and evaluations, and the dissemination conference.

This meeting took place later in the project than initially planned, in order that Partners had the funds for travelling. Most of the actions planned for the First Project Team Meeting were achieved through earlier interactions between the project Partners such that the project deliverables were not negatively affected. This interaction included a meeting between the Indian Partners in Mumbai on 10th June 2006 and other communication among the Partnership such as emails and phone calls.

The First Project Team meeting took place at the Ipanema Hotel Porto on the 13th of September 2006 and its objectives were orientated towards project progress.

The minutes of this meeting have been attached as Annex 1.



Description of Task	Details of Work Completed
D2 Project Administrative Report	Provided as planned and attached as ANNEX 2 to this report.
Prepare a project Administrative Report including the main administrative procedures, the methods to be used, an outline of the communication structure, and platform strategy. This report will also include a detailed description of all the deliverables and the expected outputs.	
D3 Initial Thematic Report	Provided as planned and attached as ANNEX 3 to this report.
Create a generic view on policies, support structures and training programmes that foster innovation in India and in the EU, in the domains of nanosciences and nanotechnology, in India. Conclusions will be summarized in an Initial Thematic Report prepared by the project coordinator;	
D16 Project Management Report	Provided in the form of this report.
Description of the activities completed and a full annex of the project deliverables.	



Description of Task

Details of Work Completed

WORKPACKAGE 2 COMMUNICATION STRUCTURE

D4 Website

Design of a website and its functionalities, including a message forum and a database. The website will be updated as the project progresses and will contain downloadable files of all public project deliverables. In addition, project details will be made available on the Nanoforum website. The website will be registered with the leading Internet search engines. Further development of the project web site with links to other major sites in the fields of nanosciences and nanotechnology will be conducted all throughout the project.

Provided at www.euroindianet.info as planned. Screen shots of the homepage, project documents page, links and message forum are attached as ANNEX 4 to this report. The website has downloadable project documents, useful links, and users registered in its message forum.

D5 Database Structure

Develop the database structure, which will allow users to search for organisations through a series of criteria (e.g. organisation name, type of organisation, organisation country). The projects section within the database will allow registered users to add projects, which will be associated with their organisations.

Provided as planned. Screen shots of the registration and search pages are attached as ANNEX 5 to this report. The Database is online and details of key stakeholders in the "Who's Who Booklet" have been introduced. Other interested parties have also registered their details.



Description of Task	Details of Work Completed
D6 Brochure, booklet layout	The brochure and booklet layout were provided as planned and
Develop a project brochure and other publication materials highlighting the methodology, objectives and resulting benefits of this project. Develop the project booklet layout, which will include a list of key players in the nanotechnology sector in Europe and India. The professional publication materials will be an important support in this structure to project promotion and dissemination. The brochure will be designed to attract interest from the target groups in the EU and India through promoting the project and its website, and highlighting the opportunities to develop nanotechnology cross-border collaborations. The brochure and the booklet will be provided to the Commission and to key stakeholders in India and Europe to develop their interest and support.	these are attached as ANNEX 6 to this report. In addition a Poster was produced for use in conferences to be attended by the project team as detailed in the dissemination activities in chapter 3 of this report.
D7 Communication Strategy	Prepared as planned and attached to this report as ANNEX 7.
Development of a complete Communication Strategy for the project. SPI will prepare a document planning all major dissemination activities along the duration of the project and also creating strategy for continuation after the closure of the project. This will serve as input for the next work packages.	



Description of Task

Details of Work Completed

WORKPACKAGE 3 STUDY OF POLICIES, SUPPORT, STRUCTURES, INFRASTRUCTURES AND TRAINING PROGRAMMES THAT FOSTER INNOVATION WITHIN THE NANOTECHNOLOGY DOMAIN IN INDIA

D8 Draft Study on Policies, Support Structures and Training Programmes that Foster Innovation in the Nanotechnology Domain in the EU and India

A document that reviews the EU's and India's policies, support structures and training programmes, which encourage innovation in nanotechnology. Policies for EU-India cooperation, nanotechnology and innovation are reviewed. Support structures include major research facilities, companies open to collaboration in nanotechnology research and business support organizations in the EU and India. Training programmes includes Masters programmes in English in India and the EU. The document will summarize the current situation in India and the EU analyse the existing gaps in the sector. This task was managed by the Institute of Technology.

Prepared as planned and attached as ANNEX 8 to this report.

D9 Who's Who of Nanotechnology in Europe and India

Develop a list of key players in nanotechnology in Europe and India with brief description of their profile and activity. The key players will be identified by the partners' institutions S&T databases, as well as though their networks. The information shall be gathered in a "Who's Who in Nanotechnology in Europe and India" booklet. This information will also be posted on the Project's website.

Although the European profiles were prepared in accordance with the schedule, the selection and contacting of key stakeholders in India took longer. The overall project schedule was not affected. The booklet was printed, distributed at the Dissemination Conference, is online and provided in this report as ANNEX 9.



Description of Task	Details of Work Completed		
WORKPACKAGE 4 INTERNATIONAL WORKSHOP			
D10 Workshop	This workshop took place on the 14th and 15th of September at		
•	the Ipanema Hotel Porto, Portugal. There were 27 participants		
Organise and conduct a workshop with the objectives to:	including participants from 8 different Indian institutions.		
 Build awareness of the project among nanosciences and nanotechnology scientists, 			
industrialists, policy makers and other interested parties in the EU and India;			
Capture the interest of EU and Indian scientists, industrialists, policy makers and other			
interested parties in the projects activities and encourage an active participation in the			
online forum and database;			
• Inform EU and Indian scientists, industrialists, policy makers and other interested			
parties about the findings of the "Draft Study of Current Policies, Funding Strategies,			
Training Programmes and Support Structures fostering Innovation in the			
Nanotechnologies and Nanosciences in the EU and India;			
Discuss the useful additional information that could contribute towards improving the			
usefulness of the Draft Study to those involved in nanotechnology and interested in the			
development of EU-Indian collaboration in this area;			
• Encourage the participation of EU and Indian scientists, industrialists, policy makers			
and other interested parties in the formulation of the project's Plan for an EU-India			
Nanotechnology Collaboration Platform.			



Description of Task	Details of Work Completed
D11 Workshop Proceedings Report Provide a summary of the discussions and presentations that took place at the workshop including a preliminary draft of the EU-India Nanotechnology Collaboration Platform Plan. This will act as a discussion document and comments will be invited from interested experts.	This document was due in month 7, but was produced early to maximize the time for the discussion and comments with interested experts, particularly with regard to the implementation plan, the initial plans for which were included in these proceedings. The proceedings are attached to this document as ANNEX 10.
D12 Final Study on Policies, Support Structures and Training Programmes that Foster Innovation in the Nanotechnology Domain in the EU and India	Released in January 2007 to allow the incorporation of new information on the EC Seventh Framework Programme, which was published at the end of December 2006. This document is
Prepare a document that reviews India's policies, namely measures, incentives and rules, which encourage innovation in nanotechnology. This will be an updated version of the draft study prepared as D8. In addition to the sections in the draft study this document contains a section devoted to collaboration between the EU and India in nanotechnology with recommendation regarding areas of synergy.	attached as ANNEX 11 to this report.



Description of Task Details of Work Completed

WORKPACKAGE 5 IMPLEMENTATION PLAN FOR AN INNOVATION PLATFORM STRATEGY ON NANOTECHNOLOGY

D13 Implementation Plan for an Innovation Platform Strategy on Nanotechnology

This strategy describes a path forward for the establishment of a platform to foster collaborations between Indian and European nanotechnology stakeholders. It will include:

- Platform Mission to bring together leading individuals representing the diversity of
 the sector to promote long-term cooperation on issues relevant to nanotechnology.
 This will initiate networks, projects, workshops with the objective of promoting
 research partnerships and supporting investments in human resources and will use the
 project website, including the database and message forum, as its main tool.
- Platform Partnerships the stakeholders identified and the core project team will act as
 a starting foundation for the initial platform partnership.
- Platform activities activities suggested include: workshops, exchange visits, annual nanotechnology situation in India report, newsletters, training workshops.
- Platform financing sources potential sources of funding will be identified including
 EU Framework Programme, Indian Government, private capital etc.

In order to take advantage of the input of experts available to the partnership, the implementation plan was a major topic of discussion at the projects events. The first of these was the project workshop in which the initial plan was formulated. This plan was then updated and presented to experts prior to the Dissemination Conference. These experts formed a panel at the Dissemination Conference that directed a further discussion of the implementation plan. Suggestions from this event were subsequently incorporated into the final version of the plan which is presented as ANNEX 12.



Description of Task	Details of Work Completed			
WORKPACKAGE 6 DISSEMINATION AND PROMOTION OF RESULTS				
D14 EU - India Dissemination Conference	This conference took place on the 3 rd March 2007 at the Ashok Hotel, New Delhi, India.			
One-day regional conference organized by the Indian partners and aimed at high level policy participation. The aim of the conference is to present the project key findings.	Among the 48 participants were delegates from the EC Delegation in India S& T Department; DG Research-Nano- and Converging Science and Technologies; Dept. of S& T Nano S&T Initiative; Govt. of India, Dept. SIR, Govt. of India; as well as industry and research institutions from both India and Europe.			
D15 EU - India Dissemination Conference Report	Prepared as planned and attached as ANNEX 13 to this report.			
Report with the conference proceedings, including feedback on key project findings and partnerships opportunities in information exchange and development between organisations.	10 and 10ports			



2 - DISSEMINATION AND USE

2.1 – Project Dissemination Activities

The EuroIndiaNet project held events and produced a number of reports to be disseminated to nanotechnology researchers, industrialists and policy makers for the furthering of nanotechnology research collaboration between these two geographical areas. For this reason, a specific deliverable was defined (D7: Communication Strategy) to tackle dissemination and communication concerning the project. In this deliverable, a communication action plan is defined. The action plan describes the main dissemination activities, the timing, the target audience and the responsibilities of the partners in connection with these activities. The communication strategy is presented as ANNEX 7 of this report.

Other activities with a particular connection to dissemination include:

- Preparation of a project website with information related to the project including project objectives, methodology, documents, useful links for EU-India nanotechnology collaboration, message forum and online database online from June 2006 (D4);
- Design, production and distribution of a project brochure and other promotional material (D6);
- A European Workshop (D10) and associated Workshop Proceedings Report (D11);
- An EU India Dissemination Conference (D14) and associated EU India Dissemination Conference Report (D15).

The individual dissemination activities that took place within the duration of the project are summarised below:

- Design, production and distribution of a project brochure 500 copies, printed and distributed among the partnership for dissemination at events;
- Preparation of a project website with information related to the project including project objectives, methodology, documents, useful links for EU-India nanotechnology collaboration, message forum and online database online from June 2006;
- Press release to announce the website, message forum and workshop (sent to organisations listed in the communication strategy, including for example, Daily Newspapers in India, a technology portal in India, online Indian information providers, Nanoforum in Europe, MNT Europe, The European Nanotechnology



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Trade Alliance; international information providers such as Nano-tsunami, Nanotechwire, Nanotechnology Net, Nanotech-now, Smalltimes etc in July 2006);

- Distribution of information with the registration pack at the international conference NANO 2006 held 20th-25th August 2006 at the Indian Institute of Science, Bangalore, India;
- Press Release to announce the publication of the Draft Study on Policies, Support Structures and Training Programmes (again sent to organizations in the Communication Strategy in September 2006);
- Organisation of a Workshop which took place on 14th and 15th of September 2006
 at the Ipanema Hotel Porto, Porto, Portugal bringing together 27 participants from
 India and Europe to discuss the project and its theme (report included as ANNEX
 10);
- Feature in Nanoforum's newsletter describing the latest developments of the project in September 2006;
- Press release to announce the publication of the Workshop Proceedings (sent to organisations in the Communication Strategy in October 2006);
- Promotion of the project at "New Technologies and Smart Textiles for Industry and Fashion", London, October 11th and 12th 2006;
- Poster at the "European Forum on Nanosciences" (COST), Brussels, 19th and 20th October 2006 (conference with around 400 delegates);
- Promotion of the project at "Nano and Microtechnologies in the Food and Healthfood Industries", Amsterdam, 25th-26th October 2006;
- Promotion at "Innovation in the preventive health sector including nanotech",
 University of Twente 7th November 2006;
- Promotion at "Investing in Medical Nanotechnologies" London 13th and 14th of December 2006;
- Press Release to announce the EuroIndiaNet Dissemination Conference (sent to organisations in the Communication Strategy in January 2007);
- Organisation of the EuroIndiaNet Disseminaton Conference held at the Ashok Hotel, New Delhi on 3rd March 2007;
- Press Release to report on the EuroIndiaNet Dissemination Conference (sent to Cordis in March 2007.



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Further to these activities, the website will continue in operation allowing the database to continue to grow and ensuring the documentation and useful information displayed will remain available. In addition, the exchange of contacts and other activities to continue the interest generated in the project will take place to put into effect the activities recommended in the implementation plan (attached as ANNEX 12), which aims to build on the work in the EuroIndiaNet project to further strengthen collaborative activities between the EU and India in nanotechnology.



ANNEX 1 – D1 FIRST PROJECT TEAM MEETING



ANNEX 2 – D2 ADMINISTRATIVE REPORT

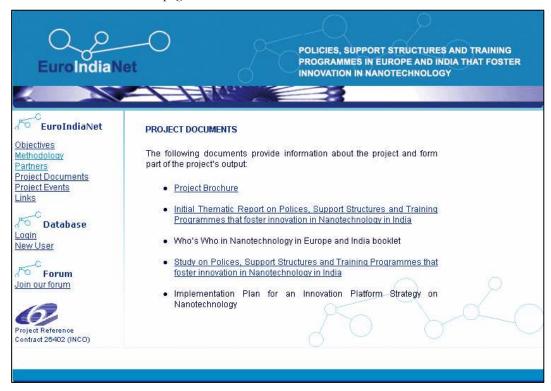


ANNEX 3 – D3 INITIAL THEMATIC REPORT



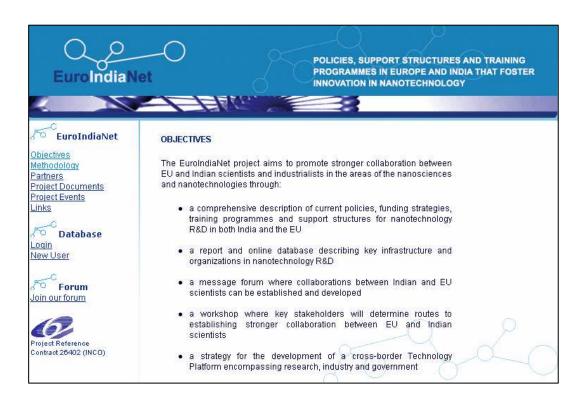
ANNEX 4 - D4 WEBSITE

Below is the website homepage that can be accessed at www.euroindianet.info



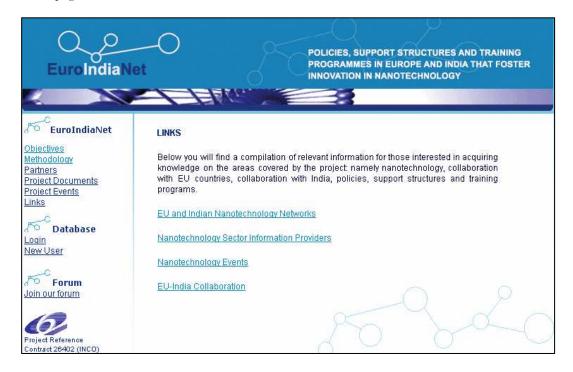
Below is the page from which project documents can be accessed.







Below is the page from which useful links regarding networks, information providers, events and other pages useful for EU-India collaboration can be accessed.



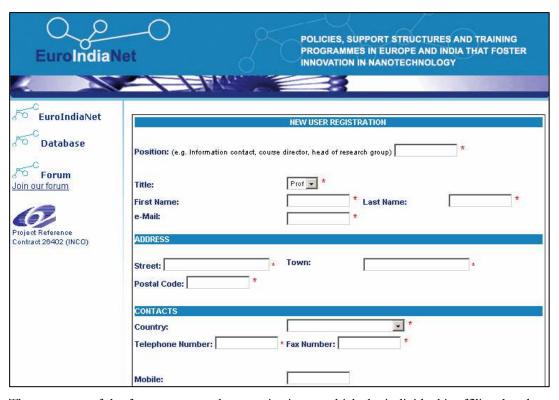
Below is a screen shot of a discussion taking place on the website forum.





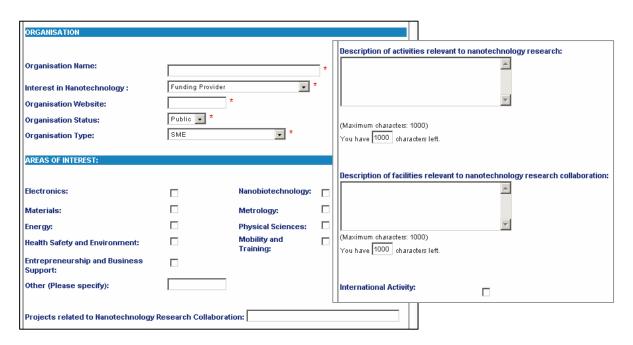
ANNEX 5 – D5 DATABASE STRUCTURE

Below are screen shots showing the online form for registration in the database. Firstly, personal contact details are requested (shown below). A red * indicates mandatory data.

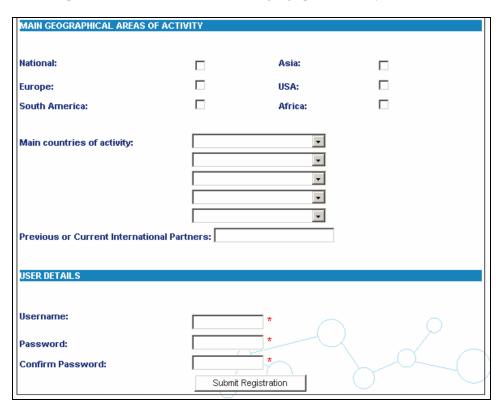


The next part of the form concerns the organization to which the individual is affiliated and describes their nanotechnology activity including areas of interest, projects and facilities.



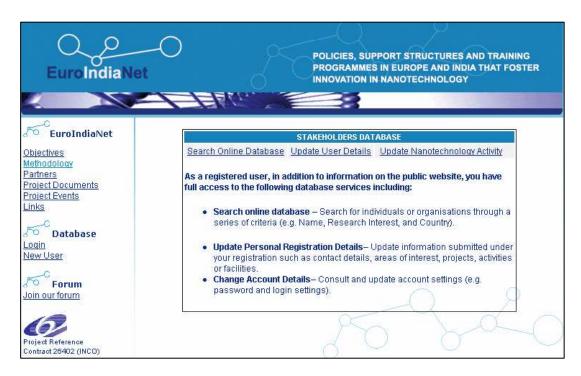


The final part of the form asks for details of geographical activity and user details.



Registered users have the ability to search the database or update their registration profile for example with new contact details or with new nanotechnology activity.





Registered users can search the database using a number of criteria, including name, organization, country, area of interest, and project.

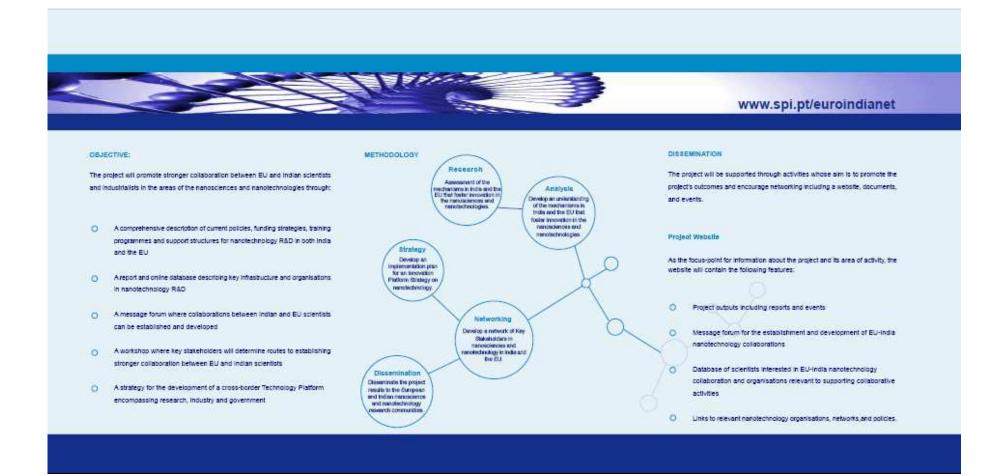




ANNEX 6 - D6 BROCHURE AND BOOKLET LAYOUT









ANNEX 7 – D7 COMMUNICATION STRATEGY



ANNEX 8 – D8 DRAFT STUDY OF POLICIES, SUPPORT STRUCTURES AND TRAINING PROGRAMMES THAT FOSTER INNOVATION IN NANOTECHNOLOGY IN THE EU AND INDIA



ANNEX 9 – D9 WHO'S WHO IN NANOTECHNOLOGY IN EUROPE AND INDIA BOOKLET



ANNEX 10 – D11 WORKSHOP PROCEEDINGS REPORT



ANNEX 11 – D12 FINAL STUDY ON POLICES, SUPPORT STRUCTURES AND TRAINING PROGRAMMES THAT FOSTER INNOVATION IN THE NANOTECHNOLOGY DOMAIN IN INDIA



ANNEX 12 – D13 IMPLEMENTATION PLAN FOR AN INNOVATION PLATFORM STRATEGY ON NANOTECHNOLOGY



ANNEX 13 – D15 EU-INDIA DISSEMINATION CONFERENCE REPORT

