Jim Clarke, Waterford Institute of Technology

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My presentation agenda

- Outline scope of the EU FP7 BIC project (Building International Cooperation in Trustworthy ICT [1])
- present objectives of BIC;
- indicate an initial roadmap of the main activities for the next 12 months, indicate how the audience can contribute / get involved.

[1] project within European Commission's DG-INFSO Unit 'F5' ICT Trust and Security Research

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Project BACKGROUND

Building International Co-operation for Trustworthy ICT: Security, Privacy and Trust in Global Networks & Services

- **Project Type:** **Co-ordination and Support Action**

- **Start Date:** **January, 2011**

- **Duration:** **36 Months**

- **Target countries:** **India, Brazil, and South Africa continued collaboration with the INCO-Trust countries U.S., Japan, Korea, Canada and Australia**

- **Web site:** **http://www.bic-trust.eu/**

- **Also see** **http://www.inco-trust.eu/ for more background information**

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COOPERATION

INCO-TRUST and BIC

Intl Co-operation in Trustworthy, Secure and Dependable Infrastructures

Building International Co-operation for Trustworthy ICT (Jan. 2011)
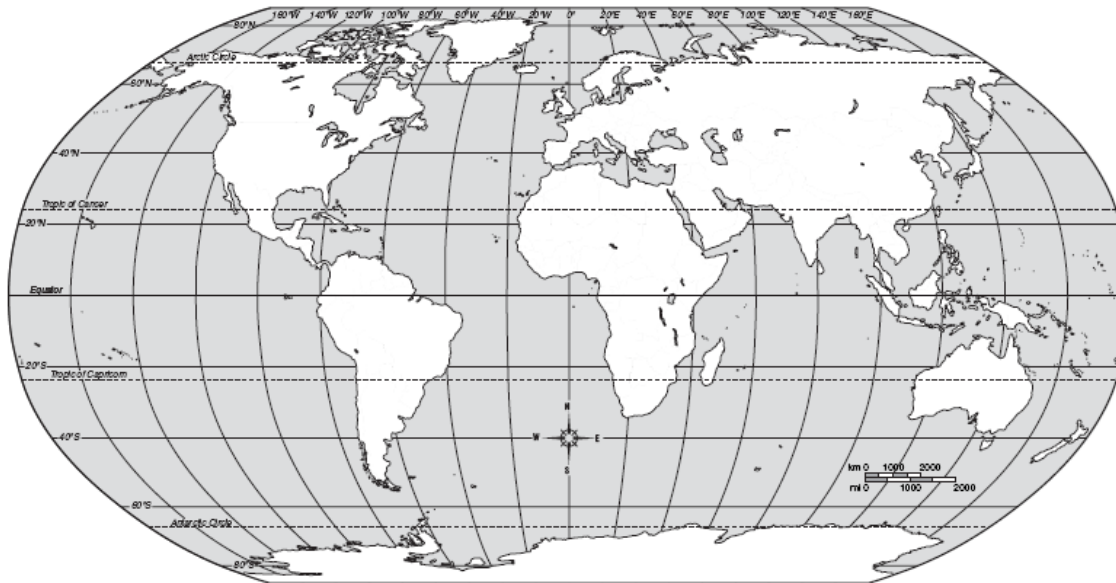
Canada	US	EU	Korea	Japan	Australia

Partners

Project Objectives (1/2)

- Development of a strong long term EU engagement with India (and Brazil and South Africa) for the areas of Trust, Security & Privacy;

- Strong interactions with program management / funding organizations to ascertain the potential interest and areas to develop meaningful cooperation;

- Establishment of an International Advisory Group (IAG) and working groups in order to build a truly global community comprised of both members from funding agencies and research communities;

Project Objectives (2/2)

- Engage with the research communities including leaders in industry and academia to develop common thematic areas for building eventual joint projects;

- develop meaningful and tangible engagement with India to result in a dedicated EU-India track for establishing cooperative EC-India projects in the trust/security/privacy areas;

- Organise dedicated results oriented workshops and sessions on Trust and Security topics to help shape future European Commission Calls.

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COOPERATION

Accomplishments to date and roadmap for first 12 months

- **EU – Brazil Cooperation workshop (along with IWT 2011)**
  - **Held 3rd May 2011; Rio De Janeiro (>100 attendees)**
  - **WS report available at http://www.inatel.br/iwt/slide-show/bic-workshop**
- **In the process of putting together an International Advisory Group (IAG) from all countries**
- **EU – South Africa 16th August 2011 (along with ISSA 2011)**
- **EU – India Nov/Dec. 2011 (along with EU-India Spirit or eINDIA 2011)**
- **Preparing for Annual Forum/IAG meeting in Q4 2011**
  - **Recruiting IAG members from countries**
  - **building topics of interest with countries**
- **Other programme related activities**
  - **Involvement with the EU India - Spirit project**
  - **Involvement in EU Future Internet Assembly**
  - **Involvement in the EU Technology Platforms.**

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topics brainstormed during the EU – India WS 1st Aug. (1/2)

- **Protection against malware when there is a heavy reliance on imported systems**
    - Approaches to guarantee protection at source
    - Is there a way to influence the manufacturing process?

- **Trust, Security and Privacy in the cloud,**
    - EU and India researchers have different yet complimentary perspectives on the research involved in the accessibility and realisation of cloud computing esp. in rural areas.

- **Identity management (eg. UID, privacy protecting ID systems)**
    - biometrics – can we work together on low cost, less power intensive equipment providing the required accuracy
    - Authentication – strong work in India and EU

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topics brainstormed during the EU – India WS 1st Aug. (2/2)

- **Strong societal push in both EU and India**
  - putting citizens in control of their data. How can technologies provide this control to citizens?
  - needs strong link between social scientists and technologists
  - How to deal with conflicts between the "right to info", "access to personal data", "updating the data" and right-to anonymity (be forgotten).

- **Balance between strong security tools and efficiency and effectiveness**
  - Security with flexibility
  - building cost effective, tailor made, indigenous security products that compete for export market

- **Risk management approaches to trust and security**
  - Economics of security and privacy
  - Trade-offs between risk and security: what does it cost society?

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For more information and get involved

- **Please contact the project coordinator and/or work package leaders directly**
  - WP1: James Clarke **Jclarke@tssg.org**
  - WP2: Neeraj Suri **suri@cs.tu-darmstadt.de**
  - WP3: Michel Riguidel **michel.riguidel@telecom-paristech.fr**
  - WP4: Aljosa Pasic **aljosa.pasic@atosresearch.eu**

  WP1: Project Management

  WP2: Platform for International Collaboration and consensus building

  WP3: Input to the design of future research programmes

  WP4: Building the International Co-operation community.