



Organisation and activities

September 2014

NESSI Mission and Vision

„NESSI is the European Technology Platform for the new Digital Information Society and Economy 2.0, powered by software and services and data“

The Mission

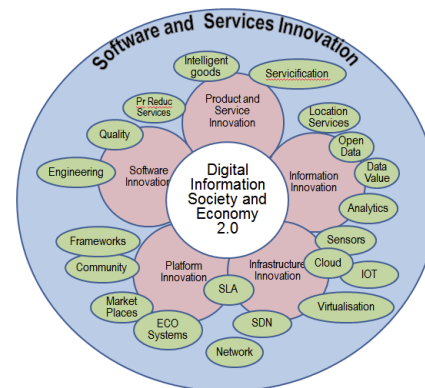
- ▶ Provide **thought leadership in Europe** on the convergence of the networks of data, things and services
- ▶ **Drive convergence and transformation** by strengthening and advancing the software and service-based economies in Europe
- ▶ **Stimulate the creation of ecosystems** around software, services, and data
- ▶ **Provide visionary, comprehensive input** to the European Commission, thereby shaping the European research and innovation agenda

The Challenge

- ▶ To promote the importance of Software and Services eco-system and innovations for Europe's competitiveness

The Software & Services Focus Areas

- ▶ Big Data Value
- ▶ Cloud Computing
- ▶ Cyber Physical Systems
 - ▶ All underpinned by Software Engineering



NESSI Partners

Company
SINTEF
IT Innovation
IBM
University of Bologna (CINI)
UPM
NSN
THALES
Univ. Duisburg Essen
Siemens
SAP
Engineering
TIE
ANSWARE
Software AG
ATC
Orange
Atos - <i>new!</i>
INDRA - <i>new!</i>
ITI - <i>new!</i>
VTT - <i>new!</i>
Intel - <i>new!</i>



Open-Minded



NESSI focus areas

NESSI Board

Chairs: Cafer Tosun, SAP; Jan Sundelin, TIE Kinetix (SME)

Steering Committee

Chair Josef Urban, Nokia (until Dec 2014)

Vice Chair
**Cloud
Computing**

Valère Robin
Orange

Dec 2014

Vice Chair
**Cyber
Physical
Systems**

Klaus Pohl
University
Duisburg- Essen

Dec 2014

Vice Chair
**Big Data
Value**

Julie Marguerite
Thales

Dec 2014

Software & Software Engineering

NESSI 'Community'

NESSI Milestones

- ▶ NESSI accredited as ETP under H2020 by the European Commission (July)
 - ▶ Acknowledged as part of external advice needed for H2020
 - ▶ Official observer status from the Commission (representative from unit E2 present in all SC meetings)
- ▶ Meeting with **Robert Madelin** (Director-General of DG Connect) (September)
- ▶ NESSI recognized as initiator for **Big Data Value PPP** by EC (September)
- ▶ Meeting with **Neelie Kroes** (EU Vice President, Commissioner for Digital Agenda) (March 2014)
- ▶ NESSI **Summit** 2014, (May 2014, Brussels) with 80 participants
- ▶ NESSI **INCO Day** (20-21 November 2014, Barcelona)

NESSI input and influence on IT Technology and Research

- ▶ NESSI Strategic Research and Innovation Agenda (SRIA)
- ▶ NESSI Manifesto and Prospectus
- ▶ Big Data White Paper
- ▶ Big Data Inventory report
- ▶ Contribution to the European Commission public consultation on Cloud, Software and Services
- ▶ Factories of the Future position paper/input paper
- ▶ Connect Advisory Forum (CAF) position paper
- ▶ NESSI Software Engineering White Paper
- ▶ Future potential inputs: NESSI Killer Narrative for Software, CPS.

NESSI's face to the outside

- ▶ NESSI organiser of 2 networking sessions and one exhibition booth at ICT2013
- ▶ NESSI presentation at the European Data Forum 2013
- ▶ NESSI present at the European Data Forum 2014 in Athens to discuss the opportunities and challenges of the industry to join the Public Private Partnership (PPP) on Big Data.

NESSI Summit 2014

27 May Brussels, Sofitel at Place Jourdan

- ▶ *More than 80 participants*
- ▶ *Two major topics discussed:*
 - ▶ *Big Data Value*
 - ▶ *Software Engineering*

- ▶ **Opening and welcome by NESSI Board Chairs and European Commission**
 - ❖ Panel Discussion: **How to strengthen the European Software Industry**
 - ❖ Panel Discussion: **Innovation potentials for Software, Services and Cloud**
 - ❖ Panel Discussion: **Big Data Value Innovation for Europe**

- ▶ **Selected speakers:**
 - ▶ *Mário Campolargo, Director of Directorate E "Net Futures", DG Connect, European Commission*
 - ▶ *Guiseppe Abbamonte, Director of Directorate G "Media and Content", DG Connect, European Commission*
 - ▶ *Gabriella Cattaneo, Associate Vice President, IDC*
 - ▶ *Ken Ducatel, Former Head of Unit E2, DG Connect, European Commission*
 - ▶ *Dr Michael Beigl, Karlsruhe Institut, Smart Data Innovation Lab*



NESSI INCO Day 2014

- ▶ NESSI International Cooperation Day on 20-21 November at the “Universidad Autònoma de Barcelona” (Bellaterra, Barcelona).
- ▶ NESSI invites its members and members of other Technology Platforms: NEM (New European Media), NetWorld2020 (ETP for communications networks and services) and PLANETIC (Spanish ICT-based Technology Platform) and also invites organizations and researchers from countries that participate in on-going FP7 funded projects in ICT INCO: MOSAIC and MED-Dialogue (Mediterranean countries), ClusMED (Mediterranean countries), CONECTA 2020 (Latin American countries), EAST-HORIZON and EECA-2-HORIZON (Eastern Europe and Central Asia), CONNECT2SEA (South East Asia) and CHOICE (China).
- ▶ Purpose of the event :
 - ▶ Set-up a “Proposal development & consortium formation” workshop in view of the H2020 calls closing in April 2015.
 - ▶ Enhance collaboration between NESSI members, other ETP members and also organisations from International Co-operation partner countries.
 - ▶ Enable an open dialogue to discuss and elaborate proposal ideas and start building proposals under the ICT topics identified. Reinforce industrial cooperation and ICT research, development and innovation through a better networking between European ICT Technology Platforms and International Co-operation partner countries.



AGENDA FOR THE NESSI MEMBER'S AND INTERNATIONAL COOPERATION DAY WORKSHOP

Date	Thursday 20th - Friday 21st November 2014
Venue	Hotel Campus - University Autònoma de Barcelona (UAB), Bellaterra, Barcelona

FIRST DAY – Thursday 20th November 2014

- 09:00 **Welcome and Presentation of the event: Agenda and Logistics**
- 09:10 **Presentation of UAB**
- 09:20 **Introduction to Horizon 2020 (EC representative)**
- 09:45 **NESSI Vision, Structure, Activities and Achievements**
- 10:00 **NESSI current initiatives: Big Data cPPP**
- 10:30 **NESSI current initiatives: Software Engineering White paper**
- 11:00 **Coffee Break (Networking)**
- 11:30 **NESSI current initiatives: Cloud computing**
- 12:00 **Other European and National Technology Platforms (NEM, Networld 2020, PLANETIC)**
- 13:00 **Lunch (Networking)**
- 14:00 **Introduction of INCO projects (background, overview and objectives)**
 MOSAIC, MED-Dialogue and ClusMED (Mediterranean Partners Countries)
 CONECTA 2020 (Latin America)
 EAST-HORIZON and EECA-2-HORIZON (Eastern Europe and Central Asia)
 CONNECT2SEA (South East Asia)
 CHOICE (China)
- 15:00 **Brief presentation of project ideas organized by ICT topics (3 minutes each)**
- 15:45 **Coffee Break (Networking)**
- 16:15 **Organization of projects part 1 - (one project by table/ room)**
 Bring partners together to set-up the project, brainstorming session to fine-tune the project idea, identify project work packages and tasks, and identify responsibilities of WPs and tasks
- 17:45 **Wrap-up**
- 18:00 **End of first day**
- 20:30 **Social event (dinner in UAB Campus Hotel)**

SECOND DAY – Friday 21st November 2014

- 09:00 **Organization of projects part 2**
 Develop work packages and tasks (continued)
- 11:00 **Coffee Break (Networking)**
- 11:30 **Organization of projects part 3**
 Develop work packages and tasks (continued), and set-up planning for proposal writing
- 13:00 **Wrap-up and presentation of projects**
- 13:30 **Lunch (Networking) and End of workshop**

Note: On Friday afternoon rooms are still available.