

Dear NESSI Community Member, this is the regular newsletter to update you on the recent developments in Technology, Policy and Society on matters relevant to NESSI.



---

## NESSI News - March/April 2013

---

Dear NESSI Members,

Welcome to this spring issue of NESSI News. As usual, we have much to report and will start by giving you an update on the discussions on the re-organisation of the ETP landscape initiated by the European Commission. The aim of the re-organisation is to have an active and relevant stakeholder community in place in time for the launch of H2020.

In addition to the ETP discussions, NESSI is very proud to present its recently published Strategic Research and Innovation Agenda in which key recommendations for achieving the ambitious goals set out in Horizon 2020 are presented. Please continue reading further down for more details about the paper.

In February we informed you about the Public Consultation which aimed to define future research priorities in Cloud Computing, Software and Services. NESSI submitted a response to the consultation and also participated in the post-consultation workshop on 17 April organised by the European Commission. In the workshop, NESSI presented its contribution and discussed other views expressed by different actors during the consultation. Please read more about the workshop in our newsletter where you will also find a report from the European Data Forum 9/10 April where NESSI presented its views on Big Data.

Please do not hesitate to contact us at [office@nessi-europe.eu](mailto:office@nessi-europe.eu) in case you have any questions about our activities.

We are looking forward to hearing from you!

The following briefings about our activities are included in this March/April edition of NESSI News:

- **Strategic Research and Innovation Agenda**
- **Future ETP discussions**
- **Post-consultation workshop on Cloud**
- **NESSI and the European Data Forum in Dublin**
- **News in short**
- **Events**

### Strategic Research and Innovation Agenda

NESSI is pleased to announce the NESSI Strategic Research and Innovation Agenda, in which NESSI presents recommendations as key for achieving the ambitious goals set out in Horizon 2020. Recommendations are given with respect to research and innovation priorities for future activities launched in the context of Horizon 2020. Recommendations are also given with regard to the policies and instruments that should be applied for implementing and selecting projects. As such, this paper aims at providing Software and Services input to the

The content of this Strategic Research and Innovation Agenda is the result of wide discussions within NESSI. It aggregates the input provided by NESSI Members through an online consultation, by the members of the NESSI Steering Committee and the recommendations of the former NESSI Strategic Research Agenda (2011).

NESSI has reviewed all activity lines described under the specific objective targeting the ICT industrial and technological leadership challenges and covering generic ICT research and innovation as presented in the proposal for a Council Decision establishing Horizon 2020. NESSI identified that Software and Services expertise is comprised mainly in three of these activity lines:

- Next generation computing: Advanced computing systems and technologies;
- Future Internet: Infrastructures, technologies and services;
- Content technologies and information management: ICT for digital content and creativity;

The Strategic Research and Innovation Agenda provides recommendations referring to these three activity lines. The recommendations are structured around the seven following focus areas for each of which a set of research and innovation priorities is suggested:

1. Quality in cloud-based heterogeneous service scenarios
2. Services benefiting from Programmable Networks
3. Service usage in a fast changing business world
4. Service and Software Engineering
5. New ways to increase software performance and energy-efficiency
6. Integration of Big Data Analytics into Business processes
7. Trust and security for global digital infrastructures and services

To read the full version, please visit this [link](#).

## Future ETP discussions

As we have reported in previous newsletters, the European Commission is currently re-thinking the role of European Technology Platforms as part of preparations for Horizon 2020. DG Research and Innovation (DG RTD) has started an evaluation exercise to assess the work and relevance of all currently existing ETPs. On the basis of a self-assessment, each ETP will be evaluated against a set of criteria such as alignment with H2020 priorities, scale of the market opportunity, EU added value, transparency and openness, scope and leverage. The evaluation results shall form the basis for the Commission's decision on ETPs in Horizon 2020 which is expected to be published before the summer break.

In the beginning of April, NESSI submitted its self-assessment form to DG RTD. Talks with several Commission officials in the mean-time already show a positive feedback on the achievements so far reached by NESSI. We will inform you on the final results and future form of NESSI in due time when we received an official statement from the Commission.

## Post-consultation workshop on Cloud

On 17 April, the European Commission organised a post-consultation workshop to discuss and validate the views expressed by different actors during the public consultation on future research priorities in Cloud Computing, Software and Services ahead of the H2020 ICT Work Programme 2014-15. The main aim of the workshop was to bring together existing and new stakeholders, especially from innovative technological SMEs and from the public sector in order to better focus the Work Programme so as to maximise its impact on competitiveness and growth.

Drawing on the NESSI Strategic Research and Innovation Agenda as well as the NESSI Cloud White Paper, NESSI presented its contribution at the workshop under the first session "General Research Challenges (Cloud Infrastructures and Services)". For more information, and to access the presentations given at the workshop, please visit this [link](#).

## NESSI at the European Data Forum in Dublin

On 9-10 April NESSI participated in the 2013 European Data Forum (EDF) in Dublin. The EDF 2013 comprised of keynotes from global experts in the field, a series of submitted talks, as well as a trends, showcase and live networking sessions. Topics included were Linked Data, Open Data, and Big Data, with the aim to bring together all stakeholders involved in the data value chain to exchange ideas and develop actionable roadmaps addressing these challenges and

At this forum NESSI's task force leader for Big Data Julie Marguerite (Thales) talked about Big Data as the opportunity for software and services. The presentation introduced the NESSI view on Big Data as an important innovation driver arising from the explosion of available data due to new social behaviours, societal transformations and the spread of software systems throughout all economic sectors. Data as such is acquiring economic importance and strategic value. Analysis of data (Big Data analytics) allows to extract non-trivial information which would not be otherwise accessible. This affects all software-intensive industry sectors but also public services. In this context, NESSI addresses the challenges rising from the use of Big Data and how to overcome those in order to enable new technical and business opportunities for Europe's software industry and economic sectors.

To access the NESSI presentation, please click [here](#) and for the NESSI Big Data white paper please visit the [NESSI website](#).

---

## Upcoming events

---

### News in short

#### Connect Advisory Forum

DG Connect has set up a new advisory structure as part of the preparation for Horizon 2020. The new structure is called Connect Advisory Forum for ICT Research and Innovation (CAF) and is mandated to provide DG Connect with consistent and consolidated advice on Horizon2020 research and innovation activities in ICT.

The CAF has now published the composition of the core group which involves a number of leading personalities of the European ICT industry, large public research organisations as well as a group of distinguished academics.

To see the list of members of the CAF please click [here](#).

#### ICT2013 - call for participation

ICT 2013 - Create, Connect, Grow will take place in Vilnius on 6-8 November, 2013. The event will focus on Horizon 2020 - the EU's Framework Programme for Research and Innovation for 2014-2020.

ICT Framework projects as well as individual companies are encouraged to submit proposals covering ICT in all its forms and from all parts of the ICT Framework Program – calls are currently open for networking sessions and exhibitions. The call for networking proposals is opened till **10 May 2013** and for exhibitions till **7 June 2013 16.00**. Please read [here](#) for more information.

### Upcoming dates/ events

#### 8-10 May 2013

##### Future Internet Assembly 2013 (Dublin)

The Irish Presidency will host the next FIA conference as a three days event, starting on Wednesday, 8<sup>th</sup> May 2013 and ending on Friday, 10<sup>th</sup> May 2013. The location will be Dublin.

We would like to especially highlight that the FI-WARE project (Core Platform of the FI PPP) is organizing a workshop in the context of the next edition of the Future Internet Assembly on 7 May.

The workshop will last around 3 hours (from 14:30 to 17:30) and attendees will get an overview of the technical achievements of FI-WARE, highlighting major competitive advantages with respect to existing solutions in the market and the way all these resources and assets (Generic Enablers, Testbed, Open Innovation Lab...) can be

and services.

For more information about the event and the workshop, please click [here](#).

## **16 May 2013**

### **The 2013 European Cyber Security Conference (Brussels)**

The European Cyber Security Conference will take place on 16<sup>th</sup> May 2013 in Brussels and will bring together top level policymakers and stakeholders for an interactive debate on tackling cyber threats and securing the EU's online environment.

The event will focus on the European Commission's recently released Cyber Security Strategy, and will provide an opportunity to discuss the current challenges and the necessary policy, legal and practical actions required in order to enable citizens in Europe and beyond to continue to safely enjoy the benefits of a networked world.

For more information about the event, please click [here](#).

## **11- 12 June 2013**

### **SMEs and Europe: with innovation out of the crisis (Dublin)**

This is a high-level conference on the topic 'SMEs and Europe: with innovation out of the crisis', planned to take place in Dublin on 11-12 June under the auspices of the Irish EU presidency.

The conference will take a closer look at what it takes to be a thriving entrepreneur in the 21st century, how small companies can compete effectively in an increasingly globalised world, and how they can gain maximum benefit from existing and future private and public support mechanisms.

The event will spotlight Horizon 2020, the EU's upcoming Framework Programme for Research and Innovation, which is less than one year away from its official launch. It also provides an opportunity to make a difference – or help entrepreneurs to make a difference – and shape the EU Innovation Agenda.

To register for the event, please click [here](#).

## **19-20 June 2013**

### **Digital Agenda for Europe (Dublin)**

The Digital Agenda Assembly 2013 is co-organised with the Irish Presidency of the EU Council and will consist of seven thematic workshops and one plenary event. The Assembly is aiming to have an innovative, creative and interactive conference to showcase examples from across the EU and collect visions and experiences of policy makers, industry, research organisations, NGOs, SMEs, regulators, Member States representatives. The DAA 2013 is an event by invitation only. It will be possible to follow the event live via web streaming on this website.

Workshops:

- [Workshop 1 : addressing the digital skills gaps and learning in the digital age](#)
- [Workshop 2 : public services, web accessibility and smart cities](#)
- [Workshop 3 : how research and innovation can accelerate economic growth](#)
- [Workshop 4 : the role of cloud computing in increasing high-speed broadband demand](#)
- [Workshop 5 : how to build an open, safe and secure cyber space](#)
- [Workshop 6 : web entrepreneurship in Europe](#)
- [Workshop 7 : creating value in the Digital Single Market](#)

## **6-8 November 2013**

### **ICT 2013: Create, Connect, Grow (Vilnius)**

ICT2013 will bring together Europe's best in ICT research, with businesses old & new, web start-ups and digital strategists to plan a path for Europe's ICT research policy. Join us to share your vision for the future with EU policy-makers, and see the latest

---

The ICT 2013 event will be the first opportunity to learn the details of research funding for ICT-related projects under Horizon 2020, the EU's new research program for 2014-2020.

**Other, upcoming events:**

[Telco Cloud World Forum 2013: 15-17 April \(London\)](#)

[Cloud World Forum 2013: 26-27 June \(London\)](#)

[Cloud Expo Europe 2013: 28-29 June \(London\)](#)

*Copyright © 2012 NESSI, All rights reserved.*

[www.nessi-europe.eu](http://www.nessi-europe.eu)

[unsubscribe from this list](#) | [update subscription preferences](#)