



The role of SDN in the research funding landscape of Europe

Second European Workshop on Software Defined Networks (EWSDN)

October 10-11 2013

Berlin, Germany

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Where did we come from? SDN in FP7



... many more ...





Where are we now?

SDN in FP7 Call 11

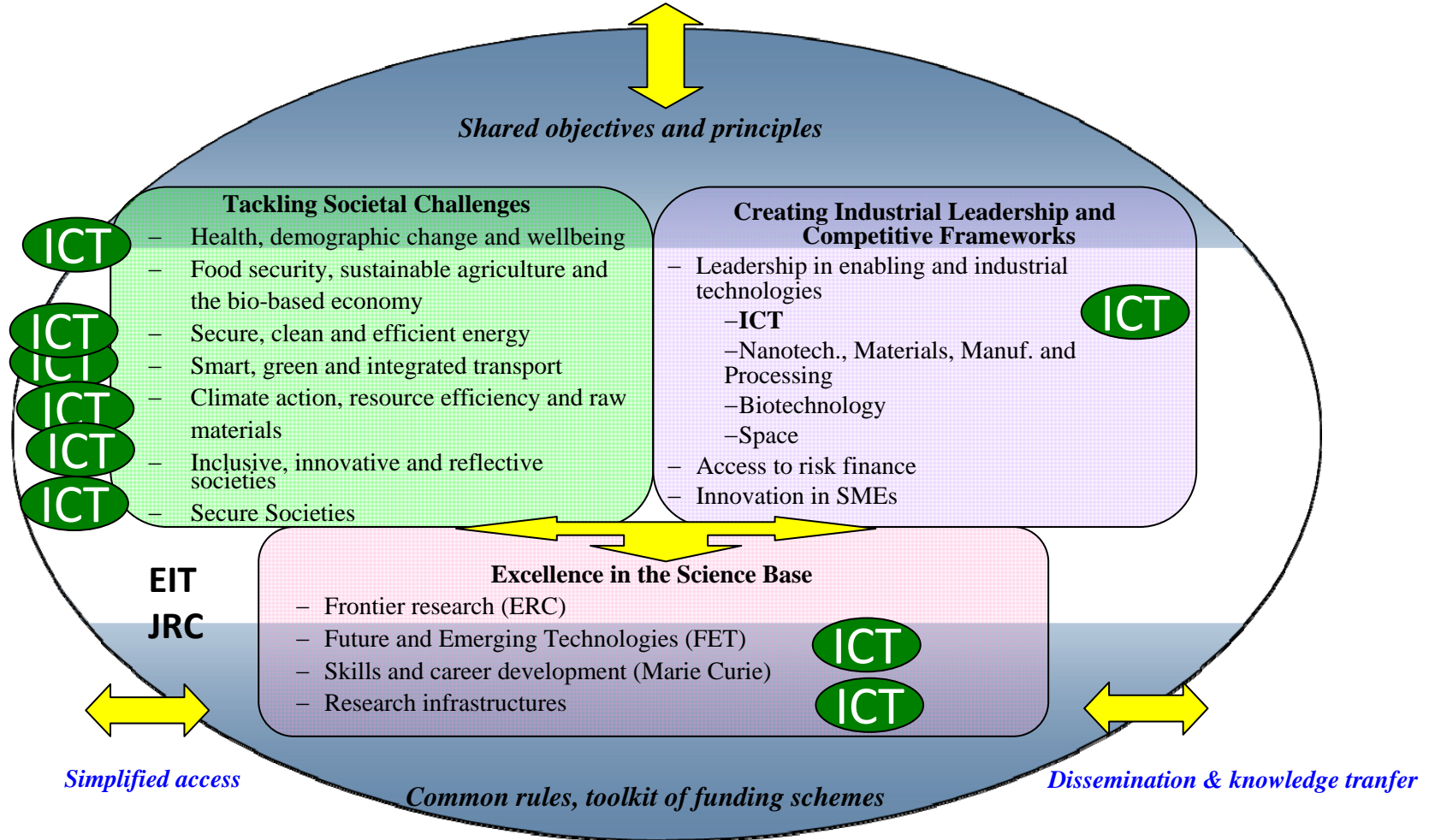
- [**COSIGN**] Combining Optics and SDN In next Generation data centre Networks
- [**NetIDE**] An integrated development environment for portable network applications
- [**PACE**] Next Steps in PAtH Computation Element (PCE) Architectures: From Software Defined Concepts to Standards, Interoperability and Deployment
- [**PRISTINE**] Programmability In RINA for European supremacy of virTualised Networks
- [**T-NOVA**] Network Functions as-a-Service over Virtualised Infrastructures
- [**UNIFY**] Unifying Cloud and Carrier Networks



Where do we go to? SDN in ...



Europe 2020 priorities



Where do we go to? SDN in ...



Draft WP 2014/15 LEIT ICT

ICT 5 – 2014 Smart Networks and novel Internet
Architectures

► Content subject to change – WP preparation process still on-going ◀

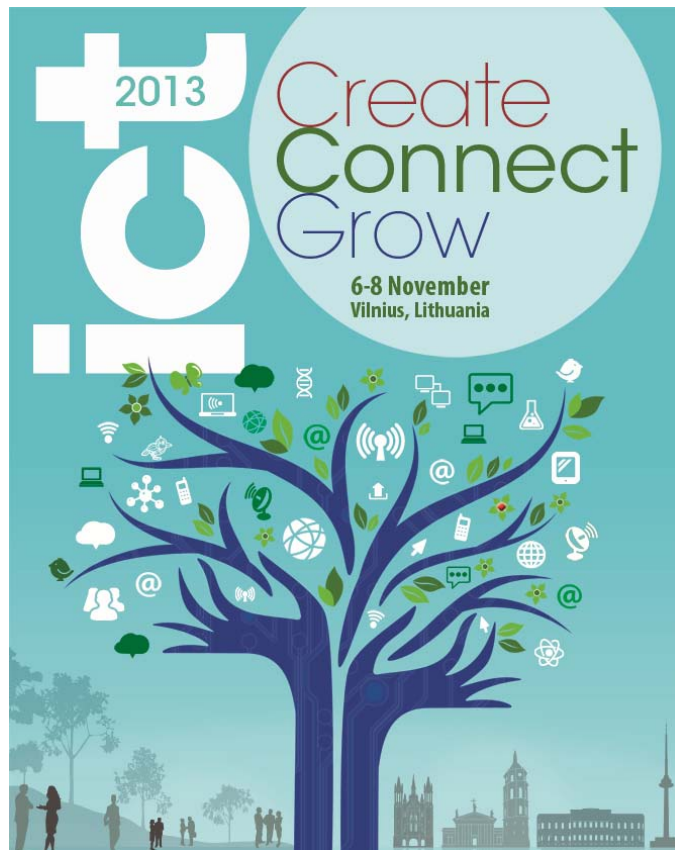


Next steps

- Opinion by Member States representatives on WP2014-15 October 2013
- ICT 2013 event in Vilnius 6-8 November 2013
- Publication of first calls for proposals 11 December 2013
- Closing of first calls Spring 2014

ICT 2013 Event

6-8 November 2013, Vilnius



- **Conference**
- **Exhibition**
- **Networking**

- **Information and registration:**
ec.europa.eu/ictevent

Where do we go to? SDN in ...



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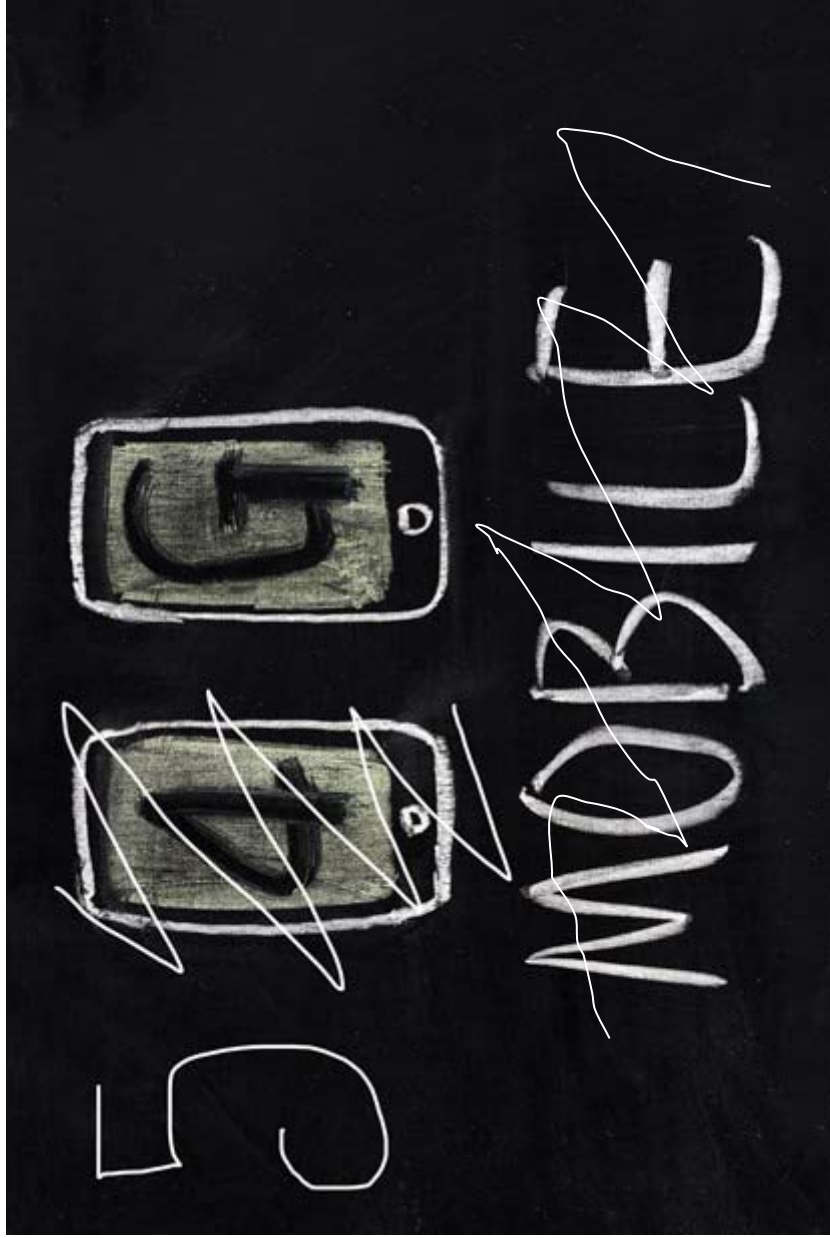
ICT 14 – 2014: Advanced 5G Network Infrastructure
for the Future Internet (5G PPP)

► Content subject to change – WP preparation process still on-going ◀





European
Commission





Research focus

1. 1. Faster, more powerful and more energy efficient solutions for integrated high capacity access, core and data centre networks for a wider range of services

- Wireless networks
- Optical networks
- Automated network organisation - network management and automation
- Implementing convergence beyond the last mile access

2. 2. Re-designing the network

- Information centric networks
- Network Function Virtualisation
- Software Defined Networking
- Networks of clouds

3. 3. Ensuring availability, robustness and security

4. 4. Ensuring efficient hardware implementations





Thank you!

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