

Experiences with the CAF

12. Februar 2015 • FFG • 1 Jahr Horizon 2020 • Wien



Advisors & Supporters

- **Startup Europe Leaders Club**
group of founders in the field of tech entrepreneurship who act as role models
- **Digital Champions**
help everyone get digital (1 per member state)
- **Young Advisors**
group of inspiring young people
- **Expert Groups**
help in the preparation of legislative proposals, policy initiatives, preparation of delegated acts, implementation of existing EU legislation, ...

Advisory Boards

- **Future & Emerging Technology Advisory Group (FETAG)**
gives advice on how to further strengthen the impact of FET on science, technology and innovation
- **CONNECT Advisory Forum (CAF)**
gives advice on how to ensure the ICT contribution to industrial leadership, and by linking ICT related topics across the three priorities of H2020

CONNECT Advisory Forum (CAF)

- ~33 members (14 female) from member states
- Mandate 2013-2014 (extension pending)

<https://ec.europa.eu/digital-agenda/en/connect-advisory-forum>



CAF Member Profiles

- **Technological aspects** of ICT (LCs and SMEs in ICT sector)
- Expertise in multi-disciplinary, long-term, transformative frontier **research** (universities)
- **Multidisciplinary background** reflecting an ICT perspective of the societal challenges (user organizations)
- **ICT market development** and governance actors
- Expertise in **role of ICT in the construction of the future** specially on topics such as technology and society, education and jobs, privacy, quality of life.

Role of ICT in H2020

Excellence Science

Competitive Industries

Societal Challenge

ICT cuts across priorities

■ Future and Emerging Technologies

Collaborative research to open new fields of innovation

■ Marie Skłodowska Curie Actions

Opportunities for training and career development

■ Research Infrastructures (Including e-infrastructure)

Ensuring access to world-class facilities

■ Nanotechnologies materials, biotechnologies, manufacturing

■ Space

■ Access to risk finance

Leveraging private finance and venture capital for research and innovation

■ Innovation in SMEs

Fostering all forms of innovation in all types of SMEs

maritime research, and the bio-economy

■ Secure, clean and efficient energy

■ Smart, green and integrated transport

■ Climate action, resource efficiency and raw materials

■ Europe in a changing world – inclusive, innovative, reflective societies

■ Secure Societies

CAF Objectives

- Ensuring high quality of ICT research
- Linking and ensuring coherence of ICT across all three priorities
- Reviewing workprogramms
- Evaluating impact of workprogramms
- Evaluating implementation (processes)

CAF Meetings

- Current CAF group active since February 2013
(I joined in March 2014)
- 6 plenary meetings

Working Groups

- ICT in Horizon 2020
 - Workprogram 2014-2015
 - H2020 beyond 2015
- Internet of Things Stakeholder Group

CAF Topics in 2014

- **Next programming cycle of Horizon 2020**
strategic programming, WP 2016-17
- **International Cooperation in Horizon 2020**
what?, with whom?, how?
- **Specific points**
Internet of Things, Big Data, Horizon 2020 prizes, ...

CAF Outcomes

- CAF Position Paper on ICT in Horizon 2020 beyond 2015
- CAF Recommendations on Internet of Things
- CAF Recommendations on ICT Workprograme 2014-2015 of Horizon 2020

CAF Position Paper on H2020 2015+

Making sense of Big Data	Quantified Self	Internet of Things	Cyber Physical Systems	Participatory Design	Relational Self	Remove boundaries	Hyper Scalability	IoT based transform	MARL	Trust	Power of the crowd	Central awareness through decentral intelligence	Software Technologies	Micro- and nano technologies	Robotics	Content Techn and Inform Mgt	Future Internet	Advanced Computing	New generation of Comp. and Syst	
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CAF Position Paper on H2020 2015+

- Identification of ICT related **trends with impact**
- Identification of **game changers**
(tipping points as the onset for transformation)
- Recommendations on focussing **key research areas**
- Recommendations for **implementation**
 1. Human centered research and technology
 2. Network of Pilots to speed up game change
 3. Stimulating the innovation eco-system
 4. Inter-disciplinarity as the way forward to foster European leadership and meeting societal challenges
 5. IoT Platforms setting standards and creating model projects
 6. SMEs enabled by the IoT, and Big Data
 7. Use researchers' efforts effectively
 8. Human Capital
 9. International Cooperation

Advantages of being Member of CAF

- Meet interesting people
(commission, companies, researchers, new topics, ...)
- Get insights into upcoming workprograms
- Get forced to read strategy documents
- Understand the processes within the commission
- Bring in your point of view
- Work on recommendations
- Be more interesting to FFG 😊



European Data Forum (EDF) 2015

16.-17. November 2015, Luxembourg

Meeting platform for research, industry & policy related to Big Data
Presentation of the new PPP Big Data