Road2CPS

Strategic action for future CPS through roadmaps, impact multiplication and constituency building

Road2CPS

Strategic action for future CPS through roadmaps, impact multiplication and constituency building

Meike Reimann
14/04/2016
Vienna, Austria

Road2CPS in a nutshell

- **Road2CPS**:
  Strategic action for future CPS through **roadmaps**, **impact** multiplication and **constituency building**

- Support Action, co-financed by the EC - H2020 - ICT 1-2014:
  Smart Cyber-Physical Systems

- 7 Partners from 4 European countries

- Coordinator: Steinbeis-Europa-Zentrum, Germany, Dr. Meike Reimann
  EC Project Officer: Dr. Werner Steinhögl

- Project duration:
  February 2015 - January 2017, 24 months

- Total EC contribution: EUR 832.894

- GA No.: 644164

- Web: www.road2cps.eu

Partner	Logo
Steinbeis-Europa-Zentrum Germany (Coordinator)	STEINBEIS-EUROPA-ZENTRUM
Loughborough University United Kingdom	Loughborough University
Newcastle University United Kingdom	Newcastle University
Commissariat à l'énergie atomique et aux énergies alternatives France	ceatech list
Fraunhofer Institute for Manufacturing Engineering and Automation IPA, Germany	Fraunhofer IPA
AnySolution S.L. Spain	ANYSOLUTION GLOBAL SERVICE
ATOS Spain SA Spain	Atos

Road2CPS - Aims and Objectives

Road2CPS - Objectives

Impact analysis & Dissemination

- Impact analysis

- Identify & bridge gaps

- Disseminate programme achievements

- Raise awareness of CPS

- Identify business opportunities

Roadmapping & Recommendations

- Develop roadmap for CPS

- Perform case studies

- Give recommendations for future research priorities and implementation strategies

Constituency building & Task forces

- Build a CPS constituency and bring key players together

- Build a bridge between domains, actors along the value chain, industry and academia

- Build task forces and derive an action plan

To collect expert opinions of a broad community to give recommendations to the EC

Road2CPS - Strategic action for future CPS through roadmaps, impact multiplication and constituency building

Road2CPS - Outputs

- CPS research and innovation **roadmap**

- Recommendations for **research priorities, implementation and innovation strategies** and **business opportunities**

- **Impact assessment** & **gap analysis** report

- Report on **programme achievements** & **exploitation** opportunities

- **Community building**, **task forces** and **clustering events**

Road2CPS - Outputs

- CPS research and innovation **roadmap**
- Recommendations for **research priorities, implementation and innovation strategies** and **business opportunities**
- **Impact assessment** & **gap analysis** report
- Report on **programme achievements** & **exploitation** opportunities
- **Community building**, **task forces** and **clustering events**

Interesting intermediate results:

- **Standalone Deliverables on:**
  - **SoA, gaps and impact, research challenges, market, int. roadmap**
- **Workshop Reports:**
  - **Roadmap validation WS, Future Platforms WS**

The Road2CPS Way....

Road2CPS - Strategic action for future CPS through roadmaps, impact multiplication and constituency building

HOW TO GET INVOLVED

Road2CPS – Upcoming Events and Activities

Road2CPS Events

- 2 Roadmapping Workshops in June 2016
  (1x Technology and 1x Application driven)
- Constituency Building Workshop (Sept 2016)?

Task Force Activities

- CPS business models, regulations and service enablers
- CPS awareness and education
- CPS technology and platforms
- CPS connection – with ICT-1 RIA/IA/CSA, Artemis/ECSEL, Industrie 4.0

Thank you!