Sustainable Framework for Collaboration

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About EIT Digital

- Pan-European Vibrant Ecosystem of Innovation Hotspots
- Leading European organisation for innovation and education in ICT
- Over 130 partner universities, research centres and companies all over Europe
- Fostering innovative technology and entrepreneurial talent for economic growth and quality of life in Europe.
The strength of EIT Digital rests on our partners.
Digital Transformation of business and society at large

- ICT integrated in operational activities
- IoT becoming widespread and an enabler for business transformation
- Cloud/Big Data/AI basis for new business
- Cybersecurity a must in all systems
- Energy Efficiency & green business both political and economical reasons
Focus of Digital Infrastructure

- Elastic edge computing for real-time processing
- Distributed real-time data management and analytics
- Robustness
  - Uptime
  - Safeguarding the network and platform, trusted network and execution platform
  - Breach detection and response, vulnerability detection/management and threat intelligence, handling DOS & DDOS, access control
- 5G & IoT
  - Massive number of things
  - Ultra reliable communication for mission critical applications
- Integrated cyber-security
- Privacy awareness and Dig Id mgmt
- Energy efficiency
## Activities 2016

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<td>Smart Mobile APP Permission Management (SMAPPER)</td>
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<td>Vulnerability Analysis and Management for Open-Source Software (VAMOSS)</td>
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## Innovation Activities 2017

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<td><strong>Multi-channels AI-based personal assistant for schedule management</strong></td>
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Opportunity Exploration and Thought Leadership Digital Infrastructure
Previous EIT Digital investments in SDN/Testbed activities

• Software Defined Networking, fix and wireless networking
• Smart Networks at the Edge
• SOFNETS – Software Defined Networks and Services
• FanTaaStic - Fanning out Testbeds as a Service for the EIT ICT Labs
• SDN at the Edges
• Information-aware data plane for programmable networks
Objectives

• Mix and match of SW components
• Interoperability
• Flexibility
• Security
• Robustness
Collaboration DG Connect

- FIRE
  - Softfire
- 5G PPP
  - Testbed discussions
- Discussions 5G PPP and FIRE
Sustainable framework ??
Working model?

- Clients
- Neutral party: IEEE +EIT D
- Operations fee based, different models
- System vendors
- SW components vendors
- Operators enterprises

Open Federated Testbed
Services provided

• Common test suites
  • SW modules
  • Conformance testing
  • Interop tests
  • Test protocols
  • PICS
  • Support services
  • Certificates??
  • Self - Certification
  • CAs
Discussion how to progress

• Portal to Catalogue of SW components
• Federation of testbeds
• Contacts with FIRE at DG Connect
• ETSI???