ITEA programme highlights

Digital Innovation Forum – 11 May 2017
Philippe Letellier, ITEA Vice-chairman
Topics

- One year of project results
- Digital transformation masterclass
- Ontology
- International customer and end-user workshop
- ITEA awards of Excellence
One year of project results
One year of project results
Finished projects April 2016 – May 2017

Smart City  Smart Community  Smart Engineering  Smart Health  Smart Industry  Security & Safety

- **BaaS**
  Building as a service

- **DEMWatch**
  Indoor outdoor trackers for elderly services

- **SoRTS**
  Image-guided intervention and treatment

- **SEAS**
  Green energy interoperability

- **IDEA4SWIFT**
  Border control

- **AVANTI**
  Virtual commissioning for components approach

- **FedSS**
  Federated Security Shield for maritime security

- **ACCELERATE**
  Growth hacking

- **CAP**
  Cloud analytics platform

- **VisCA**
  Virtual Machine for SmartCard

- **MODRIO**
  Modelica System Operation Simulation

- **FIONA**
  Indoor outdoor navigator architecture

- **MACH**
  HPC framework for Hybrid architecture

- **SCALARE**
  Scaling management framework
Digital Transformation Masterclass
Digital transition

- Back to the user
- Data focus
- Community
- Scalability
- Exponential growth
- Intermediation
- Growth hacking
- Innovation acceleration
- 3D printing
“Really good, well conceived one-day event. More events like this in the future will help people get a better grip of the implications of digital transformation and what they can do in their particular situations.” Viktoria Fagerfjäll | Stena Metall AB, Sweden
Digital Transformation Masterclass
Presenters team

Digital Transformation experts from 3 ITEA projects

- **ACCELARATE**: a platform for the acceleration of go-to market in the ICT Industry
- **SCALARE**: a database of industrial best practices and tools to support enterprises in their transitions; and
- **InValue**: data management architecture for manufacturing

Thank you!

Olivier Biot  Sirris
Wim Codenie  Sirris
Henrik Cosmo  Addalot
Marko Komssi  F-Secure
Kees-Jan Lodewijk  Innovalia
Jari Partanen  Bitium
Anders Sixtensson  Softhouse Consulting
Kaisa Still  VTT Finland
Next Digital Transformation Masterclasses

- Next Masterclasses in Austria and Turkey in the period Sep-Dec 2017 are to be confirmed

➔ If you are interested in setting up a masterclass for companies in your country, contact the ITEA Office
Ontology
Ontology

- Data acquisition level
- Reasoning level requires data structuring

- Ontology is a higher level of abstraction
- Ontology describes concepts and relations between these concepts
- Allowing different kinds of reasoning independent to the data acquisition process
Ontology for reasoning
Related ITEA projects

- S4ALL  Natural language understanding and service composition
- EASY Interactions  Natural language understanding
- Wellcom  Semantic recommender
- ModelWriter  Document description
- IDEaliSM  Knowledge representation
- ENERGy  Network management reasoning
- Web of Objects  Service composition, reasoning engine rules
- A2Nets  Sensor network reasoning
- WATER-M  Data management tool
- SPY  Surveillance algorithms reasoning
- RECONSURVE  Maritime surveillance reasoning
Ontology to ensure interoperability
Related ITEA projects

- 3D-Testbench  3D design tool future extension
- AMEC  Ambient intelligence ecosystem interoperability
- Softec  Interoperability between objects and system
- Nomadic Media  Web services interoperability
- BaaS  Building semantic interoperability
- SEMbySEM  Railway interoperability
- NEMO&CODED  Smart grid interoperability
- SEAS  Open smart grid interoperability
International customer and end-user workshop
International Customer Workshops

- **Targets:**
  - strengthen our proximity with customers
  - Strengthen our global market orientation

- **Closed workshop in order to be very operational**

- **Guests**
  - International customers
  - European industrial leaders
  - Innovative SMEs

- **Results**
  - Open results to create new ITEA proposals based on the customers’ demands. These ITEA proposals will include international customers
International Customer Workshops
Smart Manufacturing - 21-22 June Toulouse

Aeronautics
- Airbus
- Kordsa
- Safran \( tbc \)
- Zodiac \( tbc \)
- Fokker \( tbc \)

Automotive
- Ford Otosan
- Valeo \( tbc \)
- Continental
- Renault \( tbc \)
- Bosch \( tbc \)
- Daimler \( tbc \)

Consumer
- Eczacibasi Group
- KoçSistem
- Philips Lighting

Food
- Danone
- NL industrie
Main thematicas for parallel sessions:
- Automation
- Servitisation
- Security

Topics to be covered:
- Lean production optimisation
- Real time production management
- Product personalisation
- Servitisation of products
- Prediction and Big data
- IoT deployment
- New digital platform
- Concurrent simulation
International Customer Workshops
Smart Manufacturing - 21-22 June Toulouse

- Results will be shared on the ITEA website in July
- Feel free to use them to push some new customer-oriented ITEA proposals
- This customer & user orientation is a key element in our quality evaluation

➔ Rendez-vous at our next PO Preparation Days
12-13 September 2017 in Berlin!
ITEA Awards of Excellence 2017
ADAX: Award extension by EUREKA
AVANTI: Award for Innovation
AVANTI: Award for Innovation
SEAS: Award for Innovation and Business Impact
SEAS: Award for Innovation and Business impact
SoRTS: Award for Innovation and Business impact
SoRTS: Award for Innovation and Business impact
MoSHCA: Award for SME Success
MoSHCA: Award for SME Success
ITEA Exhibition Award 2017

BaaS
Building as a Service
Thank you for your attention