Summary of the global trends arising from the innovation session-SMEs

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Smart Manufacturing
Batchforce

- Virtual manufacturing service
- Emerging market
  - Time and regional is competitive edge
- Integrating manufacturing and order system
Simsource

- Digital models of advanced machines
- Digital twin of tools (cutting tools)
- Web is the interface to "tools"
- Business models depend on geographical market culture
• Integration and sharing of product data
• Business modell development
• Partnering for growth
• Data security
• Long term data retention
KE-works

- Engineering data and cost
- Engineering-as-a-Service, EaaS
- Roll based user environment
- Business model - licenses per use model
- Integration to existing tool, e.g. CATIA, AutoCad,...
Rethink Resource

• Resource streams - new usage
• Market place platforms
• Business model
  – Transaction fee
  – Funding
Tasks in a Box

• Work management
• Apps
• Simplifying human interaction with engineering and manufacturing tools
TWT Science & Innovation

• Integration of simulation and design
  – Engineering
  – Consulting
  – IT
  – Math
Smart Energy

Energy Sparing
• Blockchain for CO2 Tracking (Evolution Energie)

New energy production means
• Vertical windmill (TechSafe)

Smart grid management
• Urban furniture for local smart grid management opportunity (Noreka)
• IOT, power plant management (Beia)

Simulation
• CPS Ultra fast simulation (Synelixis)
Smart Energy

- A lot of ideas of new disruptive biz model to be tested
- Enabling distributed energy market is a common goal
- Social aspect can be address in a more important way
- Some disruptive technologies appear to have great
  potential but economic success need to be realised
Smart Mobility (6 pitches)

- 2 pitches (Livedrive* and Comodif) about gathering driving data methods (HW and or SW) to be sold to insurance companies and fleet managers selected by the jury
- 1 pitch (IoTIQ) about a mobile IoT platform that can interface with any platform other IoT platform
- 1 pitch (Linkmotion) about “the most secure computer unit in the world” for cars
- 1 pitch (ATMACA) about air airplane to ground communication and location (speaker was a airplane pilot)
- 1 pitch (Kalray) about a Multi Purpose Processing Array for cars selected by the jury
Smart Health

**Prediction**
- Health prediction (P2Link)

**Illness management**
- Shoes for rehabilitation (Evalan)
- Diabetes monitoring (Hyposense)
- Transcatheter for heart interventions (Feops)

**Services UX**
- Desktop2SaaS (Inside-cloud)
- Home care multiservices platform (Santech)

**IoT**
- Health M2M (Eolane)
Smart Health

• High tech projects but also more behavioral focussed projects
• Questions arised on how to use patient data to enhance product
• How to demonstrate the unique value of a proposal? Actual usage?
• International dimension of the business is a key point even for SME
• Business model are different from one country to the other
Thank you for your attention