Innovation Service for European Smartization by SMEs

SMARTIZATION

Big Data

Cloud

Smart cities

Autonomous vehicles

Robotics

Smart buildings

Quantified self

It starts with sensing and Smart Systems

Environment Awareness is more than a trend, it is about :

HEALTH

SAFETY and SECURITY

PRODUCTIVITY

SUSTAINABILITY

VISION

Smartization is in progress

Smart System is the corner stone of this Smart World
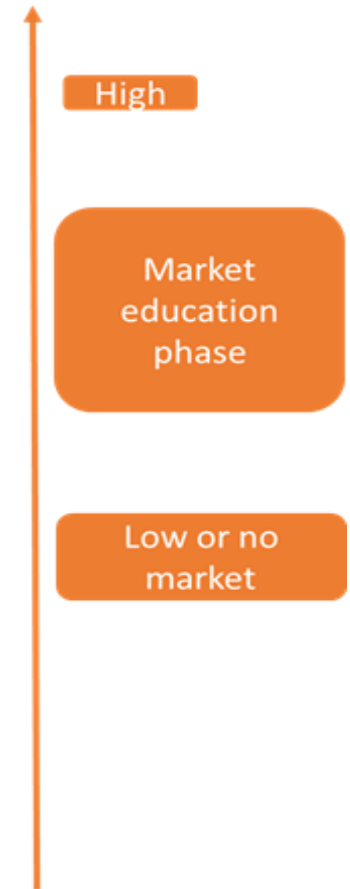
It's a challenge

A huge innovation opportunity for SMEs
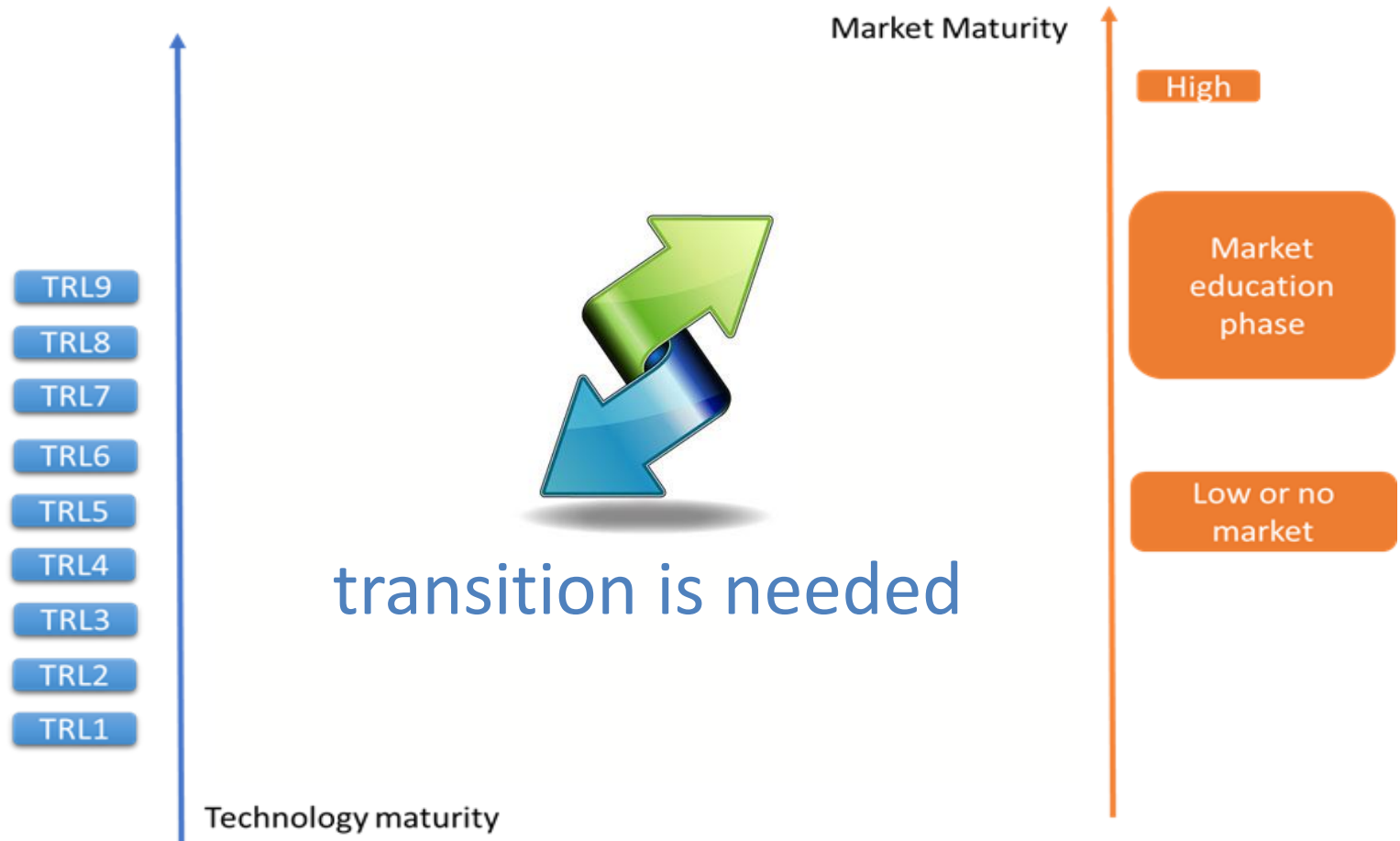
54 B€ by 2020 for IoT hardware alone.
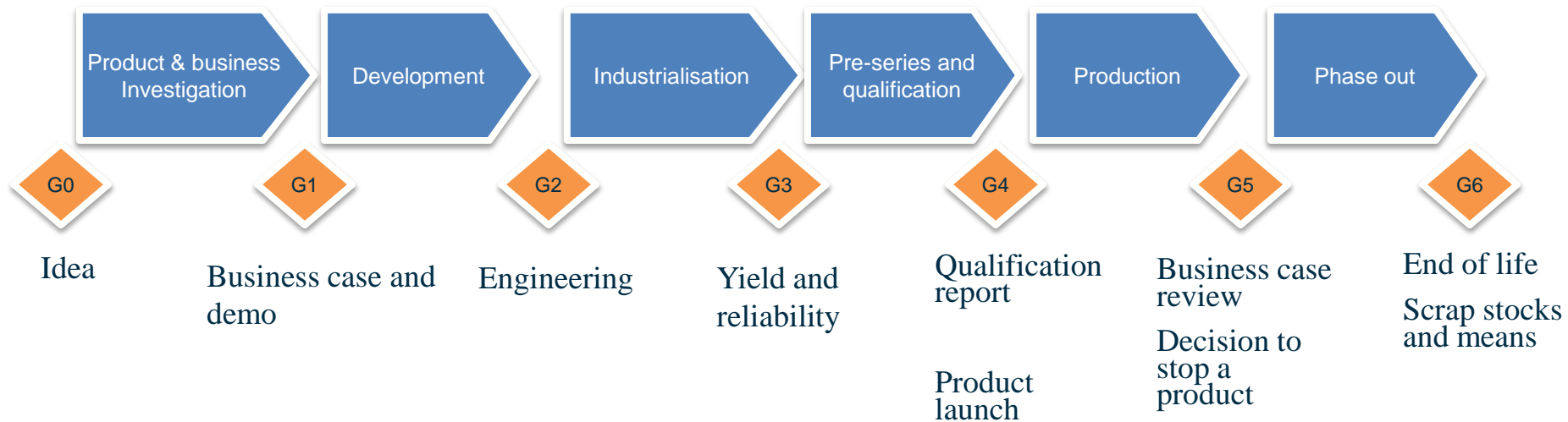
Technology maturity

Market acceptance

High

Market
education
phase

Low or no
market

Market acceptance

TRL9
TRL8
TRL7
TRL6
TRL5
TRL4
TRL3
TRL2
TRL1

Technology maturity

transition is needed

Market Maturity

High

Market education phase

Low or no market

Product life cycle management process

Product & business Investigation	Development	Industrialisation	Pre-series and qualification	Production	Phase out
G0	G1	G2	G3	G4	G5	G6

Idea

Business case and demo

Engineering

Yield and reliability

Qualification report

Product launch

Business case review

Decision to stop a product

End of life

Scrap stocks and means

MISSION

- Initiate the innovation cycle between Research and Technology Organisation and SME

Gate 0

Product idea

Business case and demo

Strategy : reach the gateone with evaluation kits

Micropump evaluation kit (courtesy of BiFlow Systems/ Fraunhofer ENAS)

http://www.i-micronews.com/news/Lab-on-a-chip-said-perform-1-024-simultaneous-tests,3373.html (1409.2009)
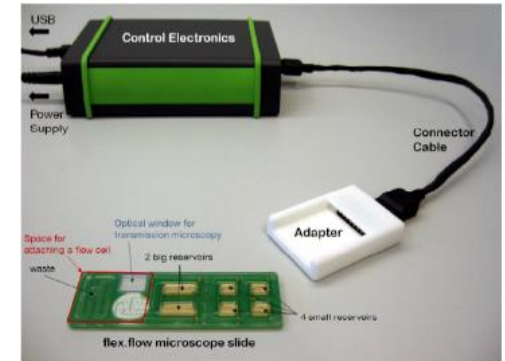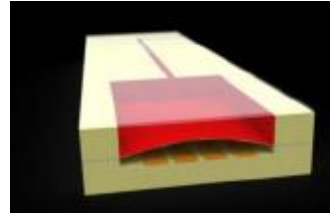
Microfluidic technology demonstrated in the lab and a functional demonstrator

gate**one** PROJECT

The first gate (the gate one) of the NPI process will facilitate the collaboration between RTOs and SMEs so they can work together to design new products representing breakthrough or radical innovation

Who we are: MAKERS !

CREATIVITY : generate product ideas

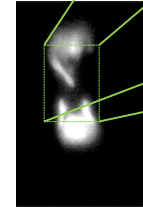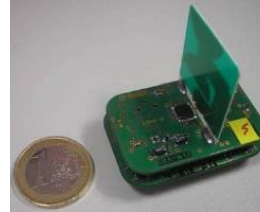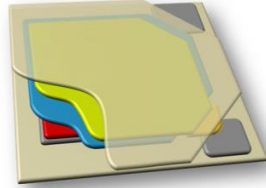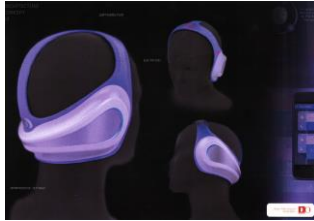

NOT JUST IDEAS , market needs and trends

Generate 200 product Ideas
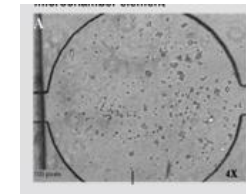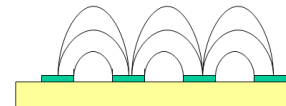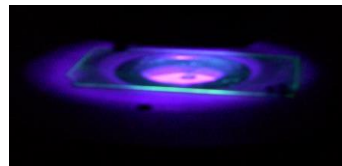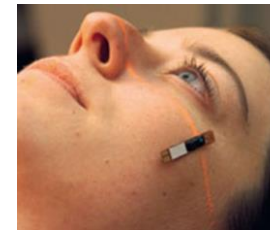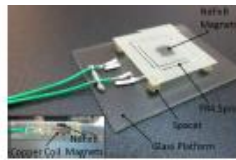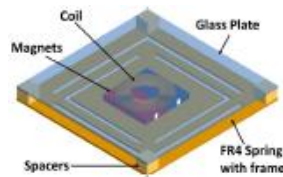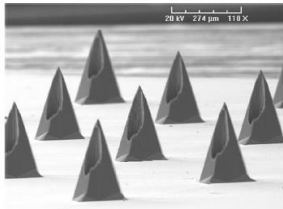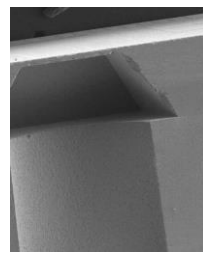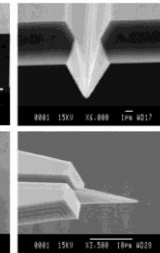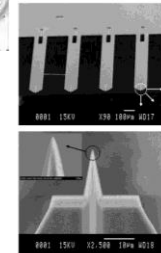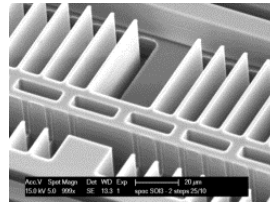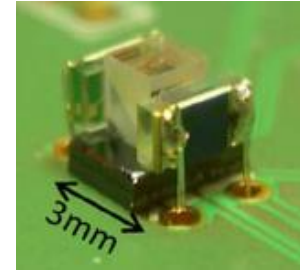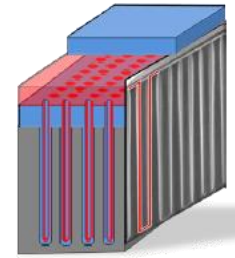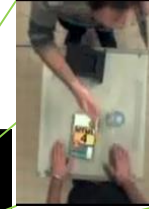
Meet with SME

Communication campaign

Workshops

Webcasts

One on one meeting

Challenge the business case

DECISION to invest

- 1 SME
- 1 RTO
- 1 product idea
- 1 business case

- Target : 50 projects

The makers are going to « make » and deliver

6 months development project
50k€ value

The SME will be able to evaluate

Hands on experience on the technology

Free of charge

No ties attached

What's next ?

ADAPT and ADOPT

Our goal : a long term relationship between RTO and an SME

Innovation as a Service for SMEs

Cost : 6,71 M€ - Max. Grant : 5,37 M€

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www.smartanythingeverywhere.com