

# SLICES Workshop

Round-Up – Day 1

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**DS**

# Round-Up Day 1

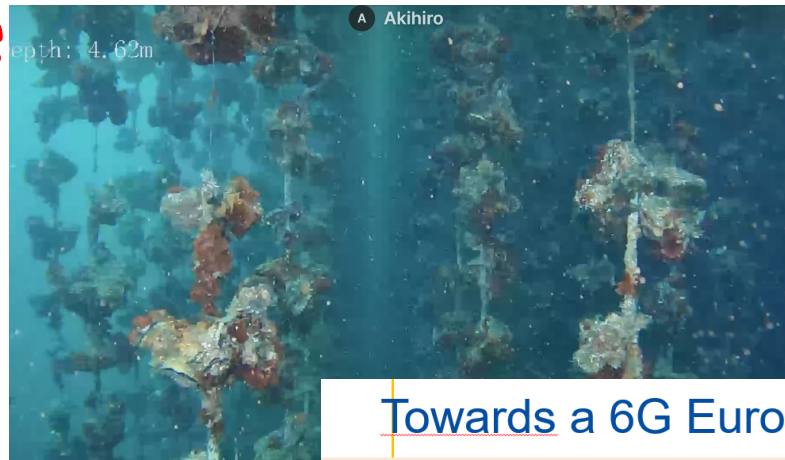


## Our society gets “Digital”

- Everything connected --- Always connected --- Everybody connected (democratized)

“Digital Society” is on the agenda at all levels of public authority & worldwide

# “Digital Society” supported by a wide range of technologies

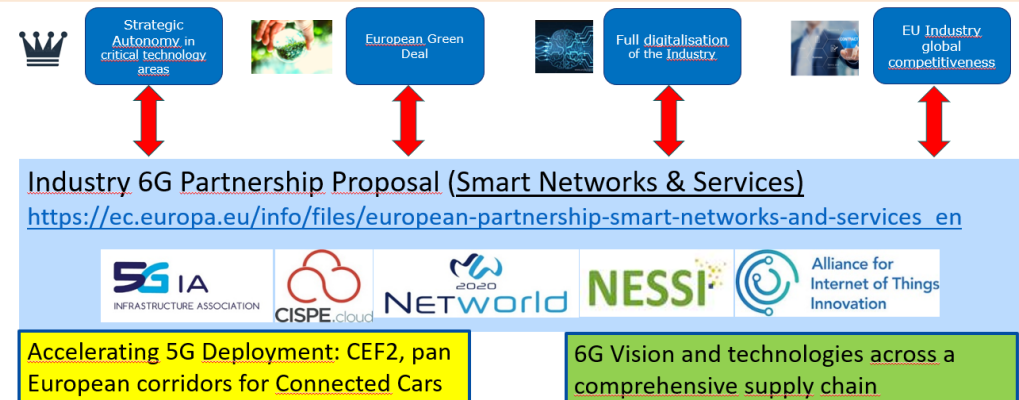


And it goes fast!!

5G is just being installed  
→ we are moving to 6G  
(through local/private 6G)

## Towards a 6G European Initiative

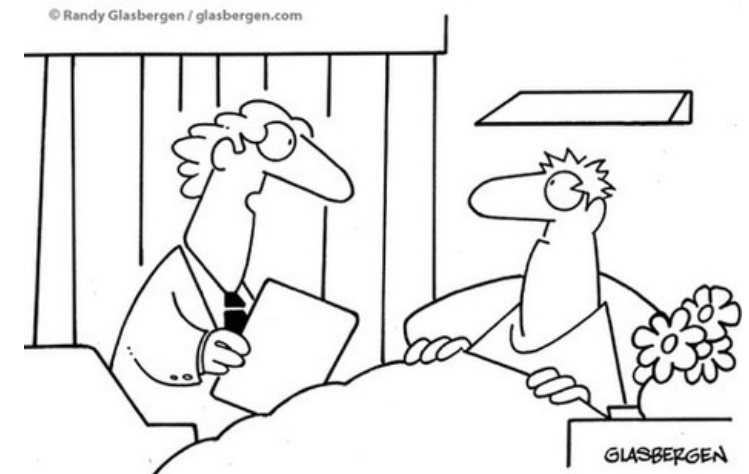
5G PPP: ICT-52 implementation of 8 6G exploratory projects, 1 flagship= 60 M€ (bridging phase)



# Although the future is difficult to predict ... but we already know it will be about ...

- Smarter (devices & networks) / autonomous devices
- More intelligence (devices & networks)
- More flexibility / programmability / update (networks)
- Customized services
- Faster / capacity / lower latency
- Reliability & Privacy & Security
- Lower energy & Sustainable
- .....

**Can we expect a new  
“trend breaker” effect from ... ??  
(AI? Quantum?)**



“I ran all of your symptoms through the computer  
and now the computer is sick too.”

# “Digital Society” is built on heterogeneity

New ideas, concepts,.. need to be implemented in a

- Highly competitive environment with
- Rapidly evolving requirements

Consequently Research, Innovation, Development, ...

Calls for

- Up-to-date testing facilities
- Skilled support
- “Experimental Twins”

But this is far too expensive for many players ...



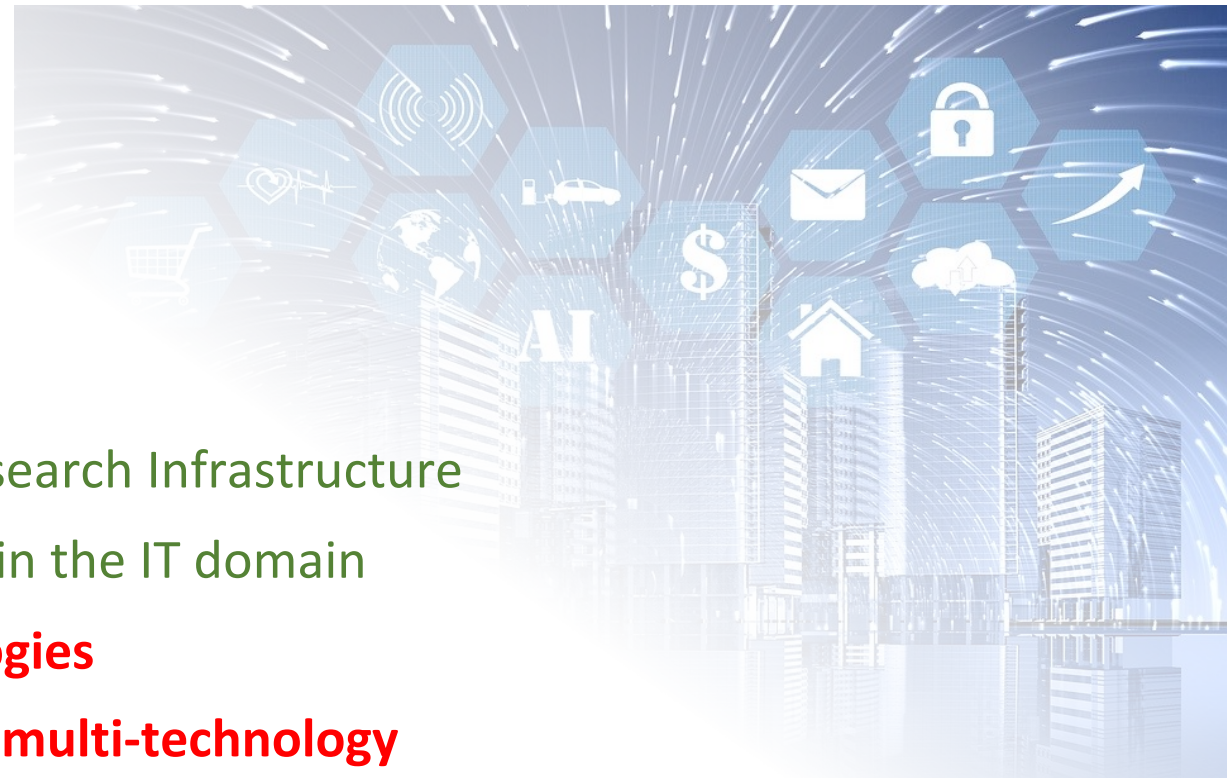
# SLICES Research Infrastructure

has the objective to

- serve the **community** and to
- support **digital transformation**

by

- offering **low threshold** access to
- a **top-quality / vendor neutral** Research Infrastructure
- for a **broad spectrum** of activities in the IT domain
- covering a **wide range of technologies**
- and supporting application across **multi-technology**



# SLICES Research Infrastructure



## allowing:

- academia, research groups, SME's, start-ups, industry to
- research, develop, test, valorize, benchmarking,...
- new concepts, new technologies, new products, upscaling,...
- in a trustable and reproducible manner

# SLICES Research Infrastructure



- Many scientific challenges lie ahead
- With a huge socio-economical / industrial impact
- And within an international & worldwide context (geopolitics)

**Join us for Workshop 1 – Part 2  
On Thursday 04 March  
at 9 AM CET**