

bcom

{ A new institute of technology for smarter and faster networks and hypermedia development }

1 headquarter:
Rennes

40 members &
partners

3 research
platforms

160 M€:
budget
for 7 years



11 technological
investigation
fields

3 strategic
working areas

100 researchers
in 2013

300 researchers
in 2020

2 secondary sites:
Lannion & Brest

Board Members



Associated Members



3 Labs in of the smart networks program:

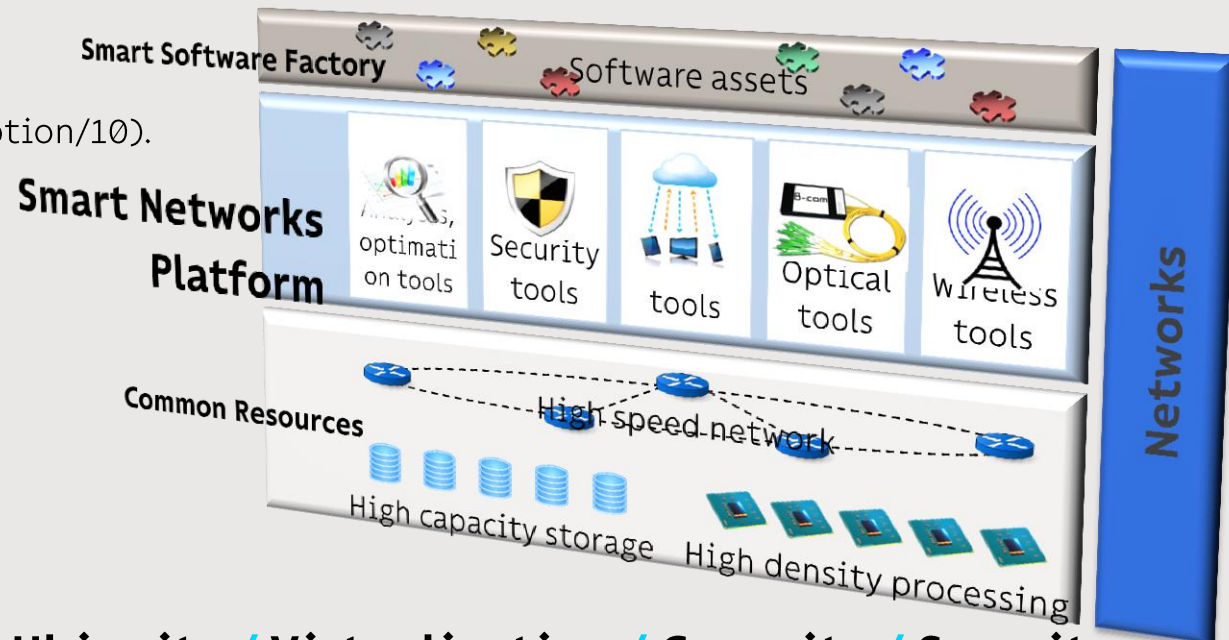
Future Network Architectures (5G, FNC, SDN/NFV) , **Cloud Computing**, and **Network Interfaces** (Radio & Optical).

Technological challenges:

- ◆ Handling the coexistence of billions of users, objects and applications;
- ◆ Artificial and intelligent control;
- ◆ Networks transparency;
- ◆ Networks capacity & efficiency;
- ◆ Energy usage optimization (consumption/10).

A R&D platform:

- ◆ High performance calculation nodes
- ◆ High capacity storage infra
- ◆ High speed network
- ◆ Optical and wireless tools
- ◆ Software factory.



Agility / Convergence / Ubiquity / Virtualization / Capacity / Security

- Network Interfaces Lab is interested in:
P2, P3, P5,
- Future Networks Architectures in :
P6, P8, P9, P14
- but we will of course prioritize according joint criteria between 5G-PPP members and our own targets

Merci / Thanks

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