



PCN - Horizon2020

HORIZON 2020

LE PROGRAMME DE RECHERCHE ET
D'INNOVATION DE L'UNION EUROPÉENNE

Big Data 2017 calls

ICT-14; ICT-15 ; ICT-16, ICT-17 and others

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Brokerage

General information



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Area of interest	Choose Y or N
ICT-14: Big Data PPP: Cross-sectorial and cross-lingual data integration and experimentation A) Data integration activities	Y
ICT-14: Big Data PPP: Cross-sectorial and cross-lingual data integration and experimentation B) Data experimentation incubators	Y
ICT-15-2016-2017: Big Data PPP: Large Scale Pilot actions in sectors best benefitting from data-driven innovation Large Scale Pilot actions	Y
ICT-16-2017: Big data PPP: research addressing main technology challenges of the data economy cross-sector and cross-border problems or opportunities of clear industrial significance.	Y/N
ICT-17-2016-2017: Big data PPP: Support, industrial skills, benchmarking and evaluation Benchmarking action	Y/N
Others:	Y/N

The Dock of innovation

A site has been launched in the center of Amiens,
as a place entirely dedicated to innovation: “The Dock of innovation”

It will host numerous economic and institutional actors :



Cluster dedicated to digital innovations in health practices

1 Smart Data



Medical Datas from Patient, caregivers or connected objects

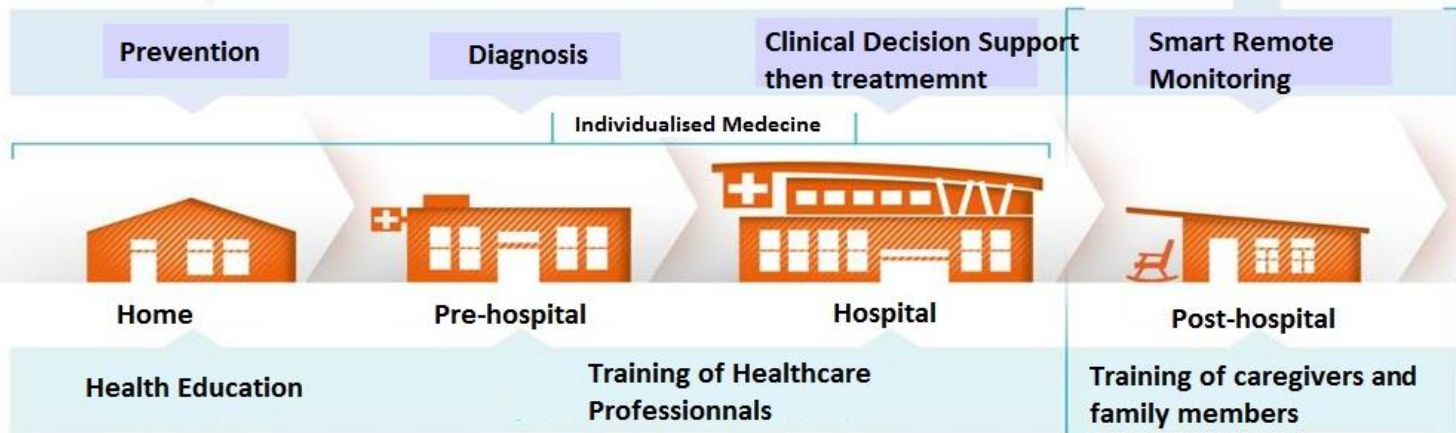


Data collection, storage, anonymization and Securing



Increase of Reliability thanks to datas, processing and analysis

E-Health Personalized Path



2 Education



Skills ans Best Practices simulation



communication



Smart and personnalized digitals tools

Reconstructive surgery

Specific skills in E-Health Field 1/2



28 000 students - 6 Campus - 33 Research Units - 2 doctoral schools “ Promote quality of education, professional training, excellence of science

Example of research Units :

- **MIS:** artificial intelligence, machine learning, Big Data, IoT, data and exchanges security
- **LAMFA :** fundamental and applied mathematics, modeling, data analysis, model reduction, scientific computing CNRS
- **APERE:** exercise physiology
- **BioFlow:** flow analysis softwares, imaging
- **PERITOX:** neonatology, physiology, environmental risks INERIS
- **GRAP:** addiction, physiopathology, psychiatry, neurosciences, pharmacology INSERM
- **CRP CPO:** ergonomy, cognitive psychology, psychanalysis
- **CURAPP:** political and social sciences, law, education science, philosophy
- **CEPRISCA:** digital and health legislation



Public Health Institution **CHU Amiens Picardie**
 – 1500 beds – 6000 employees – 12 training centers – 1200 students – 437 clinical trials
 « Develop high quality and technicity care, training and research »



Private association **EQUIPEX IFF** : Promote research, training and communication to become a world-renowned place where reinvent face surgery



IDEFI SimUSanté : First simulation center in Europe for health education (professionals, caregivers and patients)



Engineering School
 Electronic, computing and IoT master



Public interest Corporation
MiPih - 360 employees
 Help health institution to build information system, data center



Private Health clinic **Victor Pauchet** – Several départements

Specific skills in E-Health Field 2/2



Health-care cooperation group
GCS e-santé Picardie – Support
the development of information
systems in health field –
Support the living lab e-santé



Group
3 employees in Amiens
specialised in the detection
and analysis of motion for
healthcare iot



Start up
1 employee
Interactive 3D communication
studio, specialized in game
design, serious game and
3D services



Industrial group
200 employees
Produce and deploy software for
healthcare industry



Start up
7 employees
Produce and deploy solution of
unbreakable data backup,
without data center



Industrial group
350 employees in Amiens
Produce and deploy affordable,
innovative and convenient single
unit dosage forms for healthcare
industry



Start up
22 employees
One of the most important Data
center in Amiens



Industrial group
17 employees
Develop a software solution that
enables Anesthetists and Nurses
to efficiently manage patient
data.

Cluster dedicated to digital innovations in health practices



1 Smart Data



Medical Datas from Patient, caregivers or connected objects



Data collection, storage, anonymization and Securing



Increase of Reliability thanks to datas, processing and analysis

Prevention

Diagnosis

Clinical Decision Support then treatment

Smart Remote Monitoring

Individualised Medicine



Home



Pre-hospital



Hospital



Post-hospital

Silver Economy

Health Education

Training of Healthcare Professionals

Training of caregivers and family members

2

Education



Skills and Best Practices simulation



Communication



Smart and personalized digital tools

Reconstructive surgery