



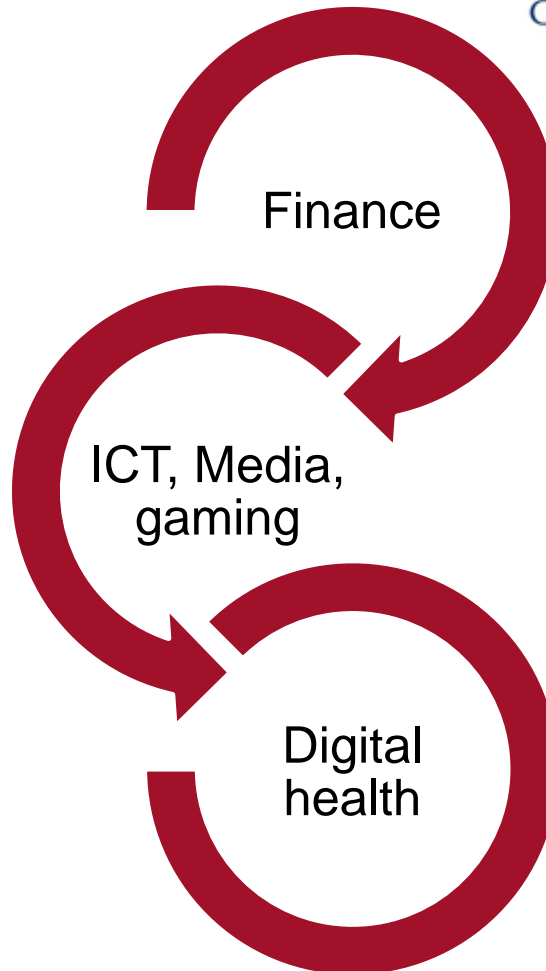
Luxembourg digital health developments

Dr Thomas Dentzer

San Francisco, 07th June 2016

Translation to Healthcare

Strategic development



ICT, Media,
gaming



Digital
health



Creating competences & skills: ICT & Biomedicine

2 competence centers at the University



Luxembourg Center for Systems Biomedicine

- Over 250 researchers
- More than 20 strategic partners
- Key topics: Neurodegenerative diseases; Parkinson, Alzheimer, Bioinformatics

Key advantages

- Opportunity to outsource research on applied market-drive research
- Development of new intellectual property
- Medium term recruitment opportunities



Center for Security, Reliability and Trust

- Over 180 researchers
- Over 20 strategic partners
- Key topics: applied security, software verification, automation, e-biobanking

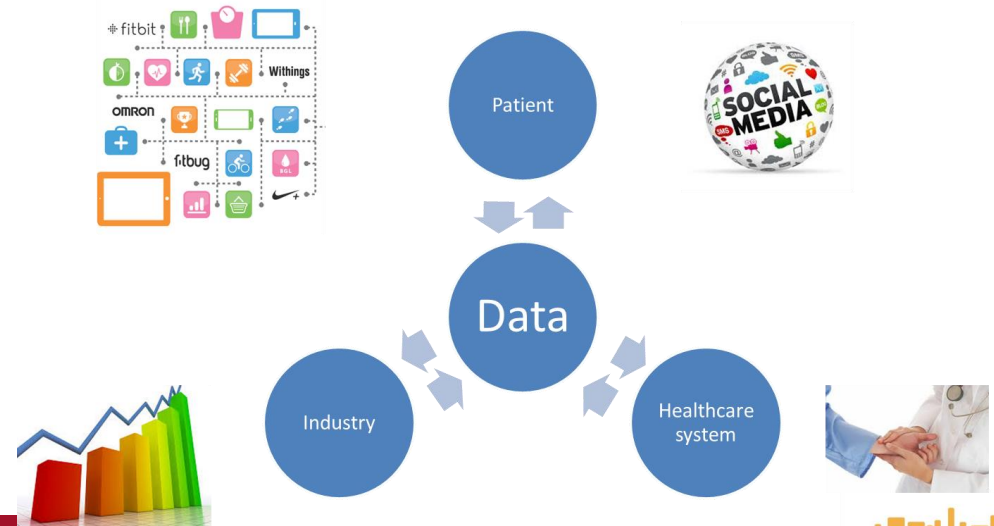


Transforming Healthcare – a national concept

Health IT platform for prevention and therapy

Four Objectives:

- Increase patient quality of life and health outcome
- Boost economic impact of health related services and service innovation
- Stabilize the healthcare system's costs while maintaining service level
- Learn from the demonstrator and then scale up/transpose (e.g. other chronic diseases,...)



High performance computer (HPC)

Infrastructure & applications for Luxembourg/European use

- IPCEI : Important Project of Common European Interest (e.g Airbus)
- Participating Countries: Italy, France, Spain, Luxembourg
- Total budget > 6€ billion
- Roadmap & application propositions: 20th June 2016
- Test bed & infrastructures for:



Smart Space, FINTEC, Smart Mobility, Smart Energy, Smart Building,
Civil Protection, Smart Agriculture, Manufacturing 4.0, Personalized Medicine

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Thank you!

Questions and answers

The Luxembourg BioHealth Cluster is powered by:

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