

From Research to Innovation through Collaboration

Prof. Dr. Gian-Luca Bona



ETH-Domain

Federal Department of Economic Affairs, Education &
Research (EAER)



Board of the ETH Domain



Eawag

Empa

EPFL

ETHZ

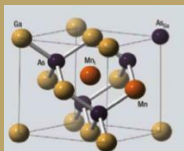
PSI

WSL

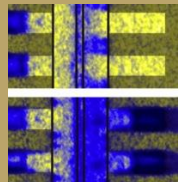


Unsere Mission

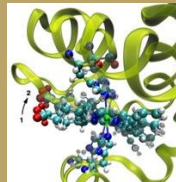
Materie und
Material



Energie und
Umwelt



Mensch und
Gesundheit



Entwicklung
Bau
Betrieb



Grossforschungs-
anlagen



Nutzer aus dem In- und Ausland
Forschung und Industrie

mehr als 2200 externe
Nutzer/Jahr (38
Experimentierstationen)

Wissen &
Kompetenz



Ausbildung



Transfer in
Industrie



Facts and Figures (2017)

64.2

Mio. CHF, third party means

292

SNF, KTI, EU-Projects

111.5

Mio. CHF, Direct Funding

589

Mandates

197

PhD students

695

ISI-Publications

1034

Employees

6205

Empa in Media

2 Incubators with
28 Start-ups @
Empa

175

New R&D contracts

164

Bachelor- &
Master Students

4000

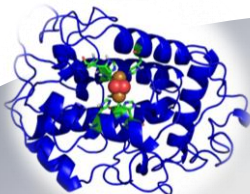
Teaching hours

530

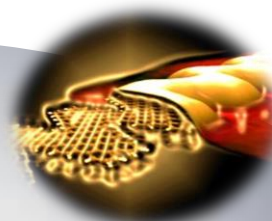
Scientists

Empa's Research Focus Areas

**Health &
Performance**



Analytical Methods
Measurement Techniques



**Nanostructured
Materials**

Instruments & Tools

Assessment of Sustainability, Reliability &
Safety

Computational
Modelling

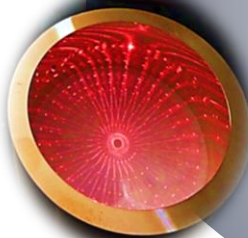
Material
Synthesis

20.38%



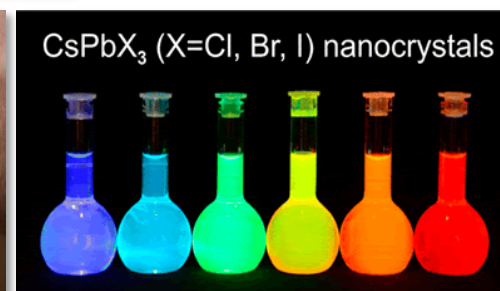
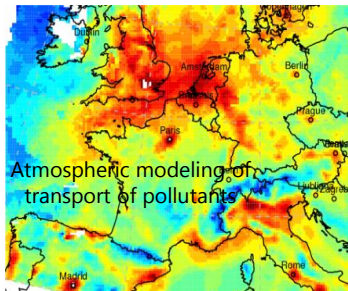
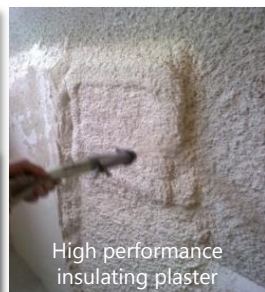
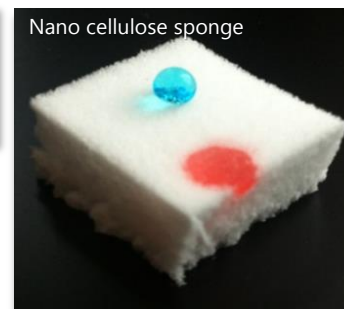
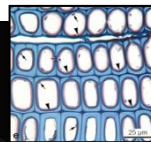
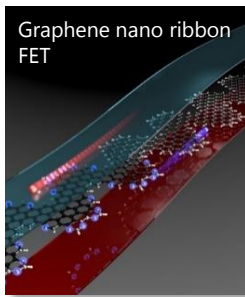
Energy

**Natural
Resources
& Pollutants**

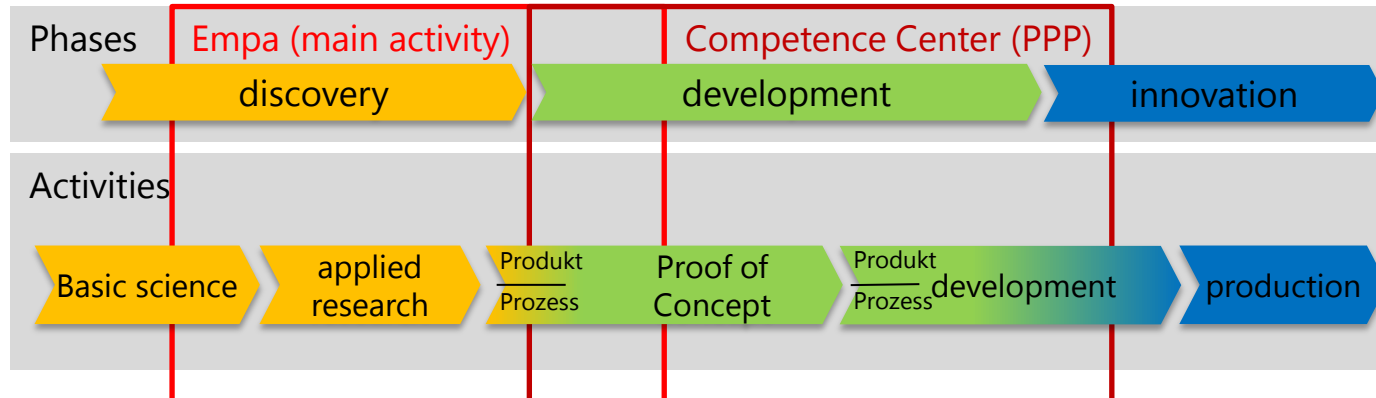


**Sustainable Built
Environment**

Empa: "The Place where Innovation Starts"

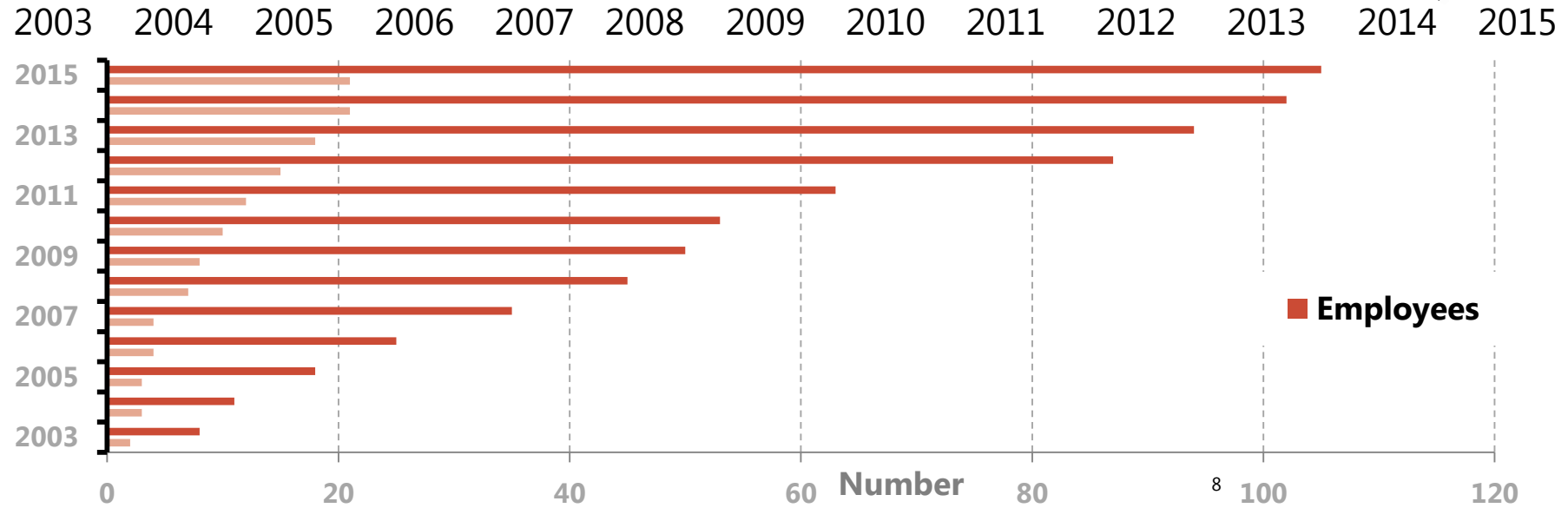


From Discovery to Innovation



Knowledge & Tech. Transfer: Start-ups/Spin-offs

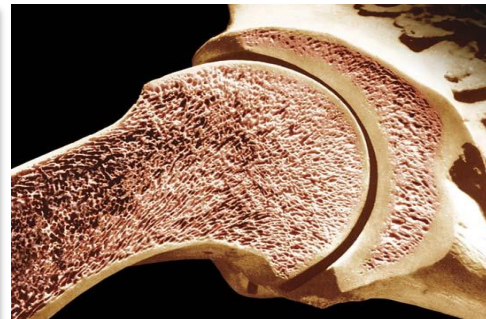
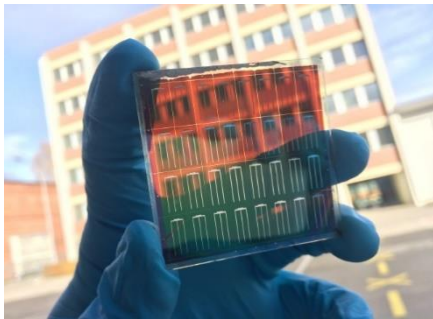
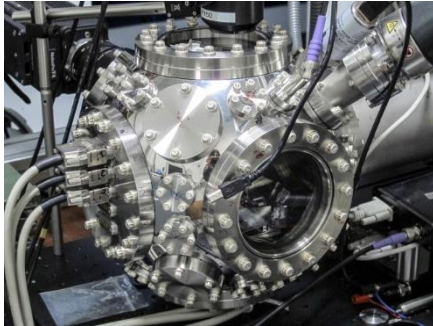
Enabling new businesses



■ Employees

Science – Technology – Innovation

Empa - The Place where Innovation Starts



Thank you!!!

Questions???