

The UGent Innovation Hub

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Tempus meeting

*Développement de
partenariat avec les
entreprises en Moldavie*

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TechTransfer
UGent

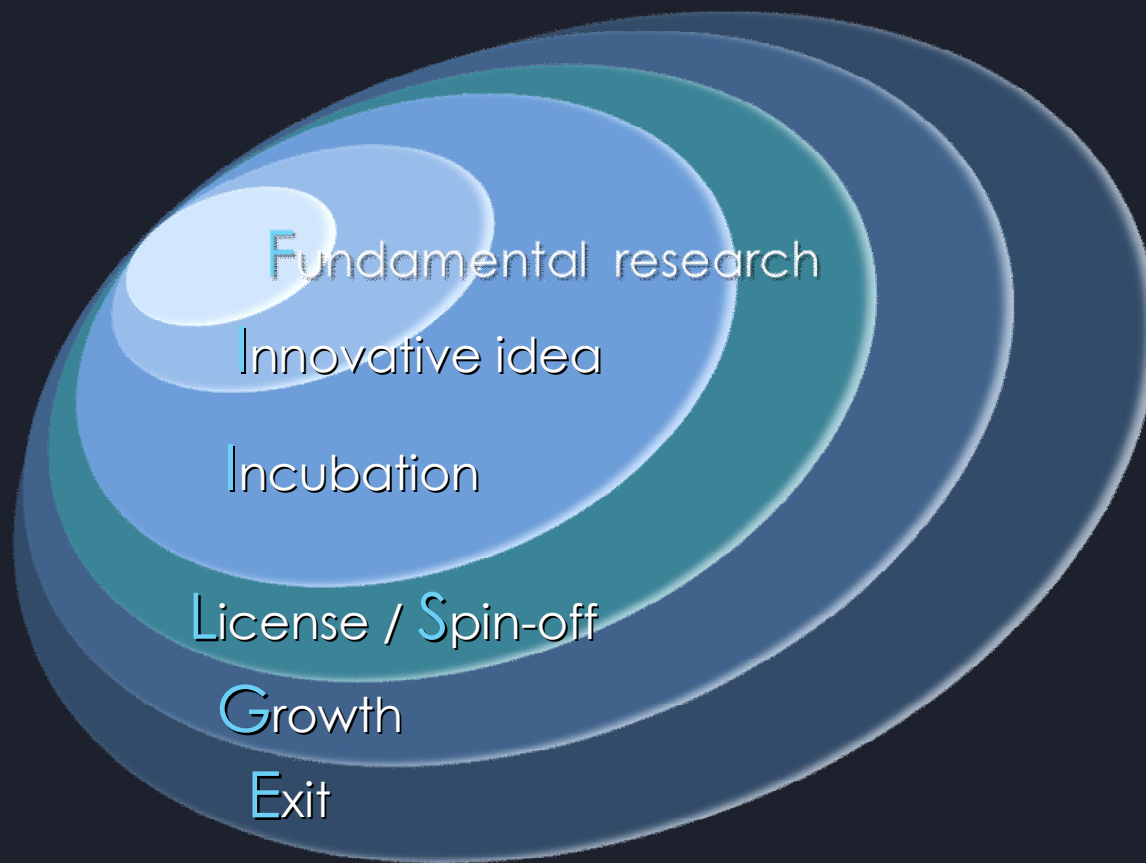


A new challenge for knowledge institutions in an innovation-based economy

- Technological innovation is the primary motor for an innovation-based economy
- Knowledge and research institutions play a key role in this development
 - ❖ Start for conceptualization of high value technological innovations
- Technological innovation and valorization
 - ❖ New – third – major task for knowledge institutions beside research and education

Success factors for technological innovation

- Scientific excellence
 - ❖ *Conditio sine qua non*
- Comprehension of industrial innovation
 - ❖ Identify high potential “fertile” areas
- Optimization of technological innovation
 - ❖ Minimize the gap between academic research and industrial development
 - ❖ Stimulate entrepreneurship



Technology Transfer Process



Innovative idea → Incubation → Spin-off

Main pillars of technological innovation at Ghent University

Unique dual structure to bridge the gap between
scientific research and industrial development

TechTransfer
UGent

Centralized structure with professional
valorization expertise

iof
INDUSTRIEEL
ONDERZOEKSFONDS

Decentralized valorization structure with
high technology expertise

UGent TechTransfer service

- Business unit with own profit and loss responsibility
 - ❖ Financial and organizational autonomy
- Offering professional support
 - ❖ IP & Licensing
 - ❖ Legal support
 - ❖ Business Development
 - ❖ Financial advise
- Valorization awareness and policy
- Management of valorization- and investment funds
 - ❖ IOF and Baekeland Fund

Industrial Research Fund - IOF



Flemish Government

16 - 17 M€ / year



Strategic & applied scientific research
with economic finality

Ghent University

4,9 M€/year (2010)



**IOF Business
Development Centres**



Project Funding

IOF Business Development Centres

➤ Technology and Business Developers

❖ Liaison function between research and TechTransfer service

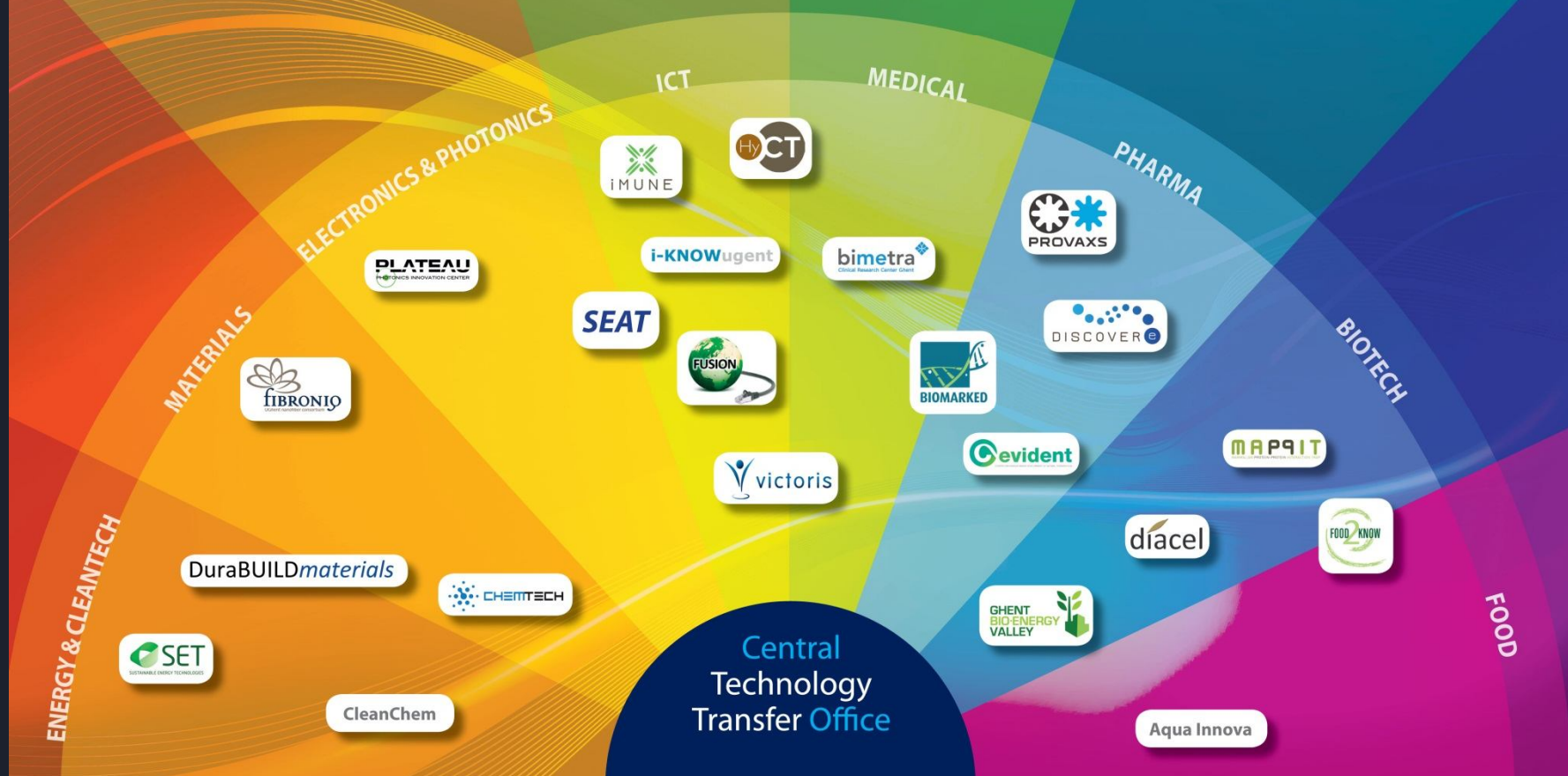
- Intellectual Property protection
- Industrial valorization
 - Industrial co-operations
 - Licensing opportunities
 - Creation of spin-off companies

❖ Liaison function between Industry and Research

- Industrial partnerships
 - Research services
 - Collaborative research

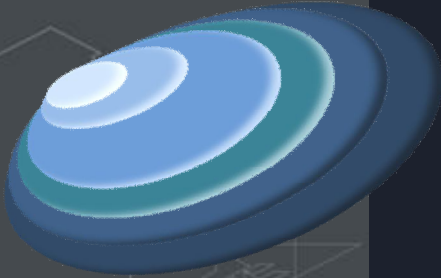
Technology Transfer at Ghent University

Technology transfer at Ghent university wants to facilitate the commercial application of promising technologies developed within the Ghent University Association. Key technology transfer activities include licensing, industrial collaboration programs, and spin-off creation. For its liaison with industry, UGent uses a network of specialized business development centres backed by a Central Technology Transfer Office.

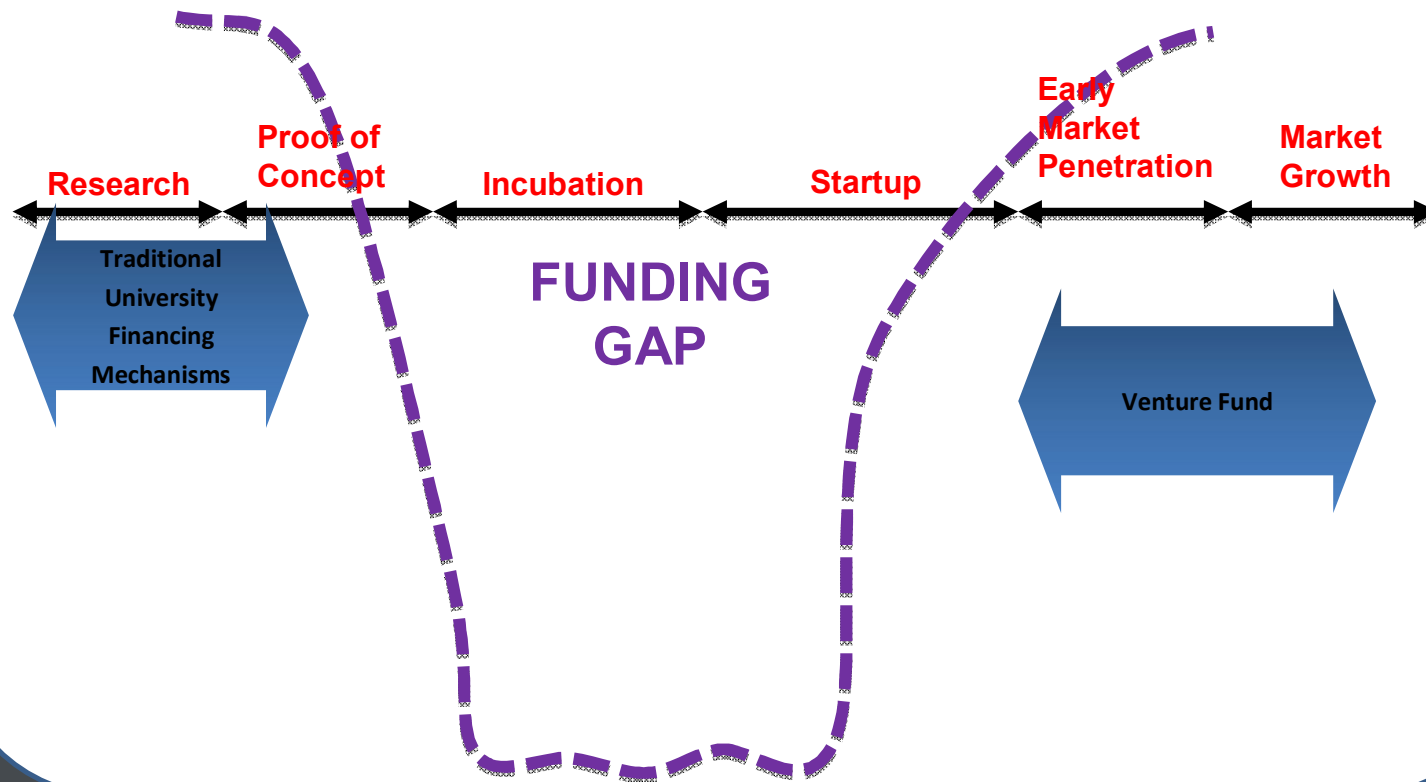


IOF Business Development Centres

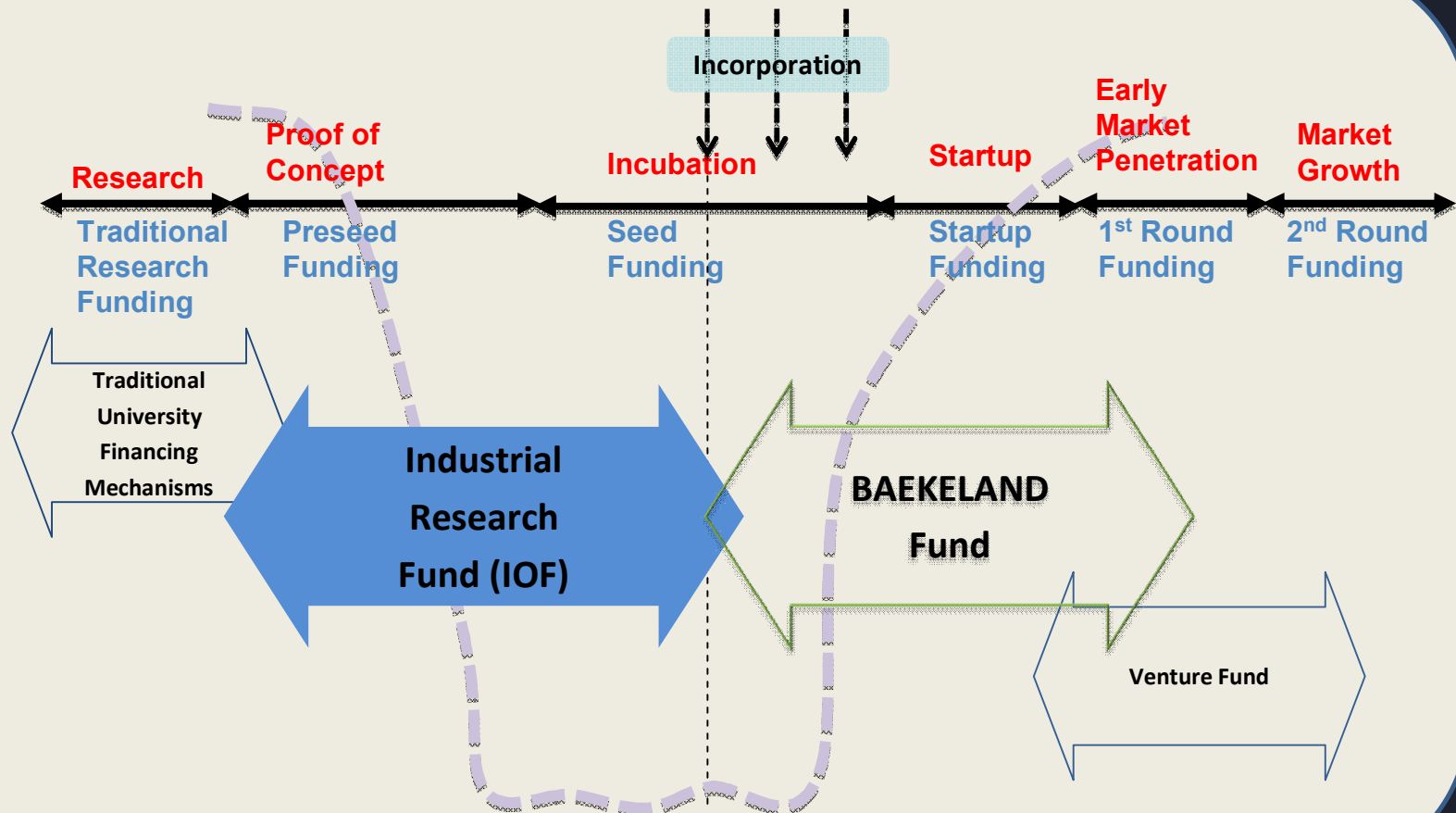


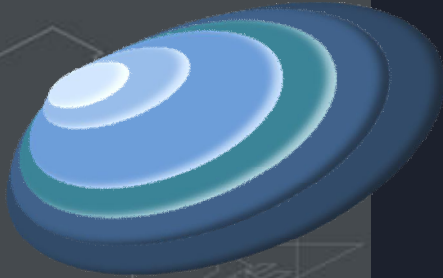


Innovative idea → Incubation → Spin-off



Industrial Research Fund (IOF) – Project funding





Incubation → Spin-off → Exit

UGent seed capital fund

- ❖ **Baekeland Fund II (closed end, 12 years)**
 - Seed- and 'early stage' phase financing UGent spin-offs
 - Capital: 11,2 M euro
 - Partners: Partners AUGent
Fortis Private Equity
KBC Private Equity
Ethias
Volksvermogen
ARKimedes
- ❖ **Baekeland Fund – BI3**
 - From 2012 onwards
 - Capital: 35 M euro

BAEKELAND FONDS



IOF Project Funding



5 spin-offs established



Alenco



6 spin-offs in incubation phase