

OITB
pathway

from science to health service

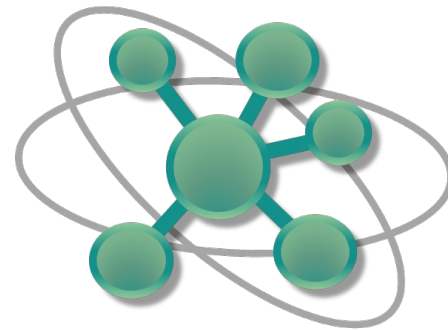
OITB Pathway VoG

i-HTS/EuroScan Autumn
Scientific Meeting
9.11.22, Bilbao
Lars Pithan
Exec



Open innovation test beds and their practical, sustainable application

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OITB
pathway

from science to health service

Sit down and relax

—

let's simply our life

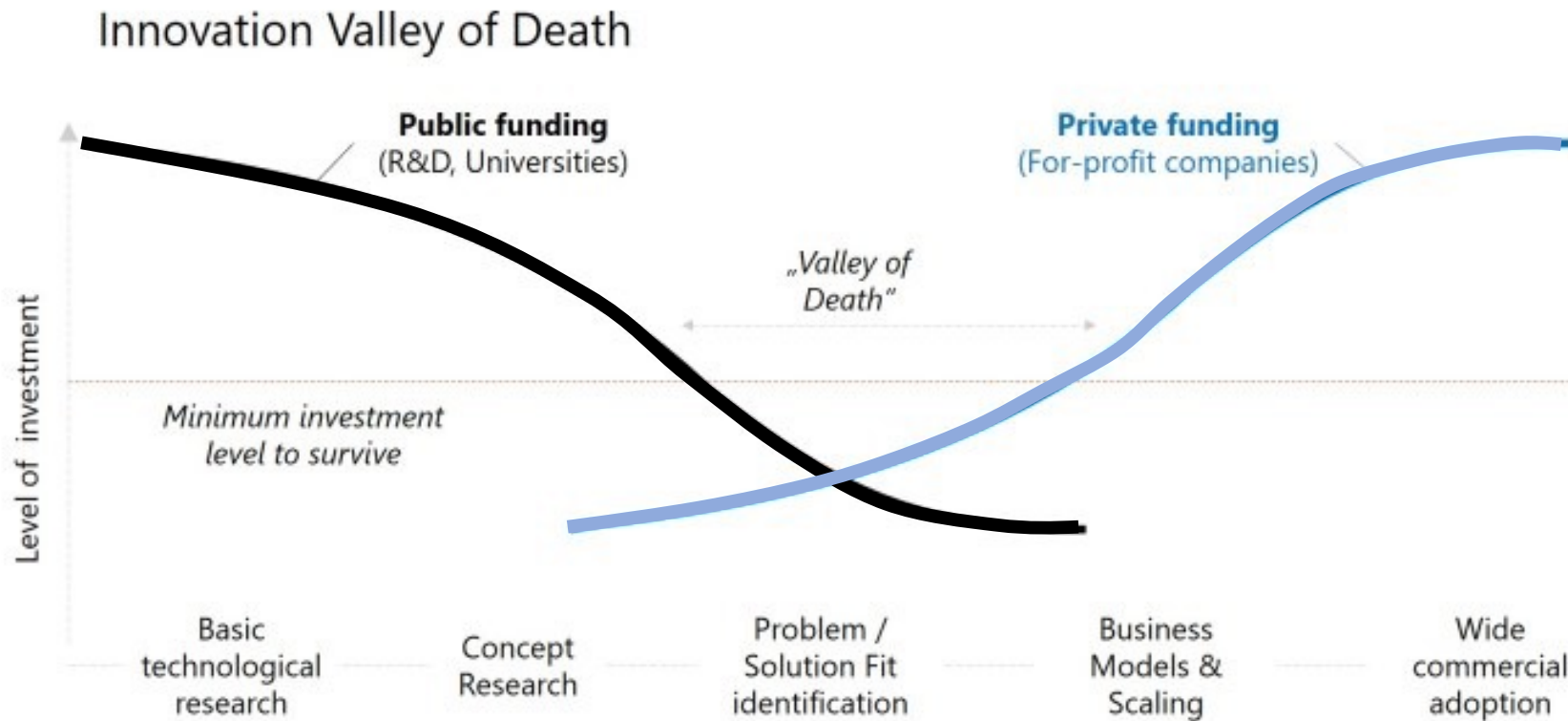
Innovations & Health Services

- First duty of an innovation in health care:
 - improve the outcome (make something better as it is) by
 - first of all: improve the life of a patient (including reduced risk)
 - secondly: improve the interaction between the patient and the social environment
 - thirdly: avoid that a citizen becomes a patient
 - fourthly: take care to make the health care system sustainable
- Secondary issues:
 - enable an effective administration by avoiding bureaucratic approaches
 - ensure that the innovation is reaching health services asap
 - supporting the legal task of health care systems

Systems & Health Services

- What we have:
 - increasing requirements regarding regulation, reimbursement, evidence generation leading to bureaucratic processes and extending time to health service
 - more administrative and less health services
- Why we have this? (just some topics)
 - more and more people in administrative tasks without being involved within health services (unknown requirements and focussed just on their task)
 - very strong focus on specific topics without having an overall strategy
 - unawareness of needs and requirements within health care services

Public Investment & private capital and health innovations



We have to support the business development, to raise confidence for private investment.

We have to support the public investment, to extend the use of resources until the business development is reached.



Open Innovation Test Beds

Improving access to knowledge
to accelerate European innovation



An European idea to achieve a new level of co-operation

- **Improving access to knowledge to accelerate European innovation**
- to meet Europe's long-term economic, technological and environmental goals.
.... European industry needs to validate, but the regulatory ecosystem is complex and expensive. Open Innovation Test Beds provide access to the physical facilities and services required for the development, testing and upscaling, This CORDIS Results Pack on Open Innovation Test Beds showcases their potential to reduce costs, investment risks and the time to market, As well as improving market access, this model can make advanced to all industrial sectors, boosting Europe's transition to greener technologies.

- To access the full pack please go to:
cordis.europa.eu/article/id/436434.



<https://op.europa.eu/en/publication-detail/-/publication/88a159f4-f10c-11ec-a534-01aa75ed71a1/language-en/format-PDF>

Our Basis – the experiences made in SafeNMedtech

Open Innovation Test Beds
Improving access to knowledge to accelerate European innovation

SAFE-N-MEDTECH

(Safety testing in the life cycle of nanotechnology-enabled medical technologies for health), coordinated by the Basque Government Department of Health in Spain

The EU-funded SAFE-N-MEDTECH project is creating an open access platform to foster the development of next-generation nanotechnology-based medical devices. The rapid rise of nanotechnology promises to drive innovation across the medical board, from oncology to cardiology, regenerative medicine and dentistry. SAFE-N-MEDTECH aims to provide a broad array of technical, clinical, legal and support services to those companies, especially SMEs, that will form the backbone of a diverse, cutting-edge European nanomedicine sector.

→ safenmt.com



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Consolidating results – making SafeNMedtech sustainable

- From project to sustainable services for health innovation
- From nanotechnologies to health innovations



www.oitb.eu

- describing the needs to support innovations
- describing the needs to be implemented within the European health market
- describing the needs to be supportive for national/regional health care systems and local investors on health services / technologies



OITB Pathway – Our Aims

- one – stop – shop (single-entry-point) approach to get support for:
 - the development of a technology
 - the legal framework for making contracts
 - the quality framework for developing health technologies
 - the knowledge on new health technologies

OITB Pathway – Our Principles

- A service accessed through OITB Pathway is a quality service
- Every collaborator must commit themselves to the "Code of Conduct for Responsible Nanosciences and Nanotechnologies Research" by the European Commission
- We strengthen the European innovation ecosystem and contribute to a healthier society
- Clients will be enabled to take informed decision

OITB Pathway

- describing the needs to support innovations
- describing the needs to be implemented within the European health market
- describing the needs to be supportive for national / regional health care systems and local investors on health services / technologies

OITB Pathway – how to organize the structure

- a not-for-profit platform for services relevant within the development of health technologies
- open register for service providers
- open register for experts
- the awareness platform between developers and investors with extended evidence and impact information

OITB Pathway – the common European approach

- Health is, in fact, organized on a micro level in European health care systems
- Due to existing European and National laws, many decisions, especially on investments, are taken either in private settings, local organisations (e. g. Sweden) or regional administrations (e. g. Spain, Germany, Italy).
- Investment in technical development organizations are done in different locations in Europe (e. g. labs, factories), not every time in the focus of start-ups (often just due to unawareness)
- Approaching a more precise approach in treatment, very often in relation to development and to offer services, the European view is more effective. To collect knowledge in some hotspots and to assure a needed level of volume to be effective.

OITB Pathway – the common European approach

- Quite the opposite is done in relation to public funding on health research for services. Most of the funding on this is provided by EU and national research fundings.
- Some of the public funding is also provided via university funds, while public funding is often provided via regional research funding.

OITB Pathway – Ecosystem

