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Biotech Booster

We make biotechnology work!

Nettie Buitelaar, Biotech Booster
Dutch Life Sciences Conference 2023





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Why commercialize biotechnology

Biotechnology potential

Valorization/commercialization

Ecosystem

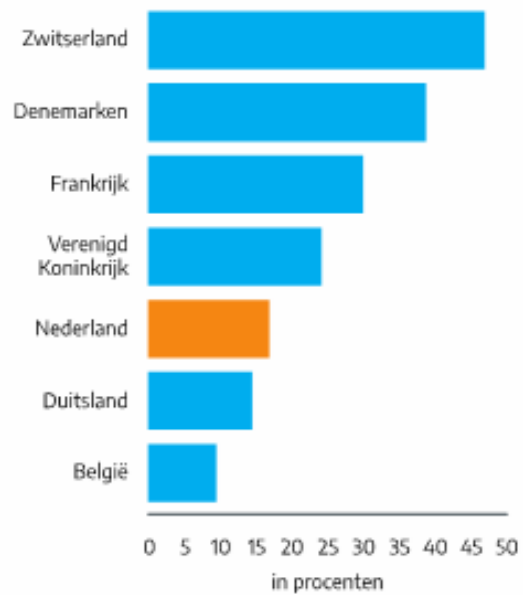


DUTCH KNOWLEDGE NOT TRANSLATED INTO PRODUCTS

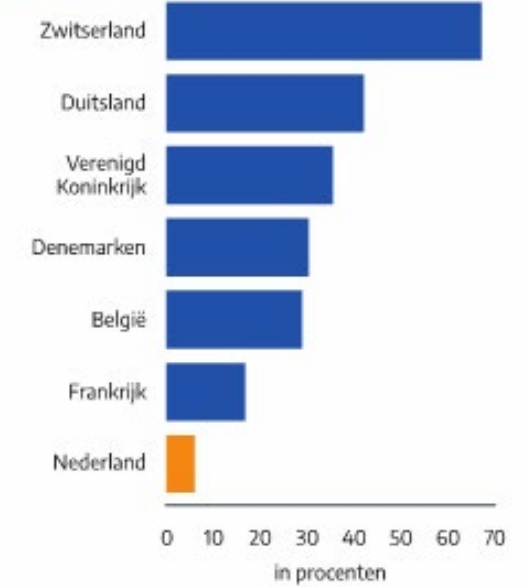
**Life Sciences
Octrooiaanvragen 2019¹**



**Groei life sciences
R&D bedrijven 2015-2019²**



**Groei life sciences R&D
producten in ontwikkeling
2015-2019³**



VALORISATION PARADOX

The Netherlands has a prominent position to commercialize biotechnology innovations, but knowledge is not yet always translated in this direction. There is unused potential!

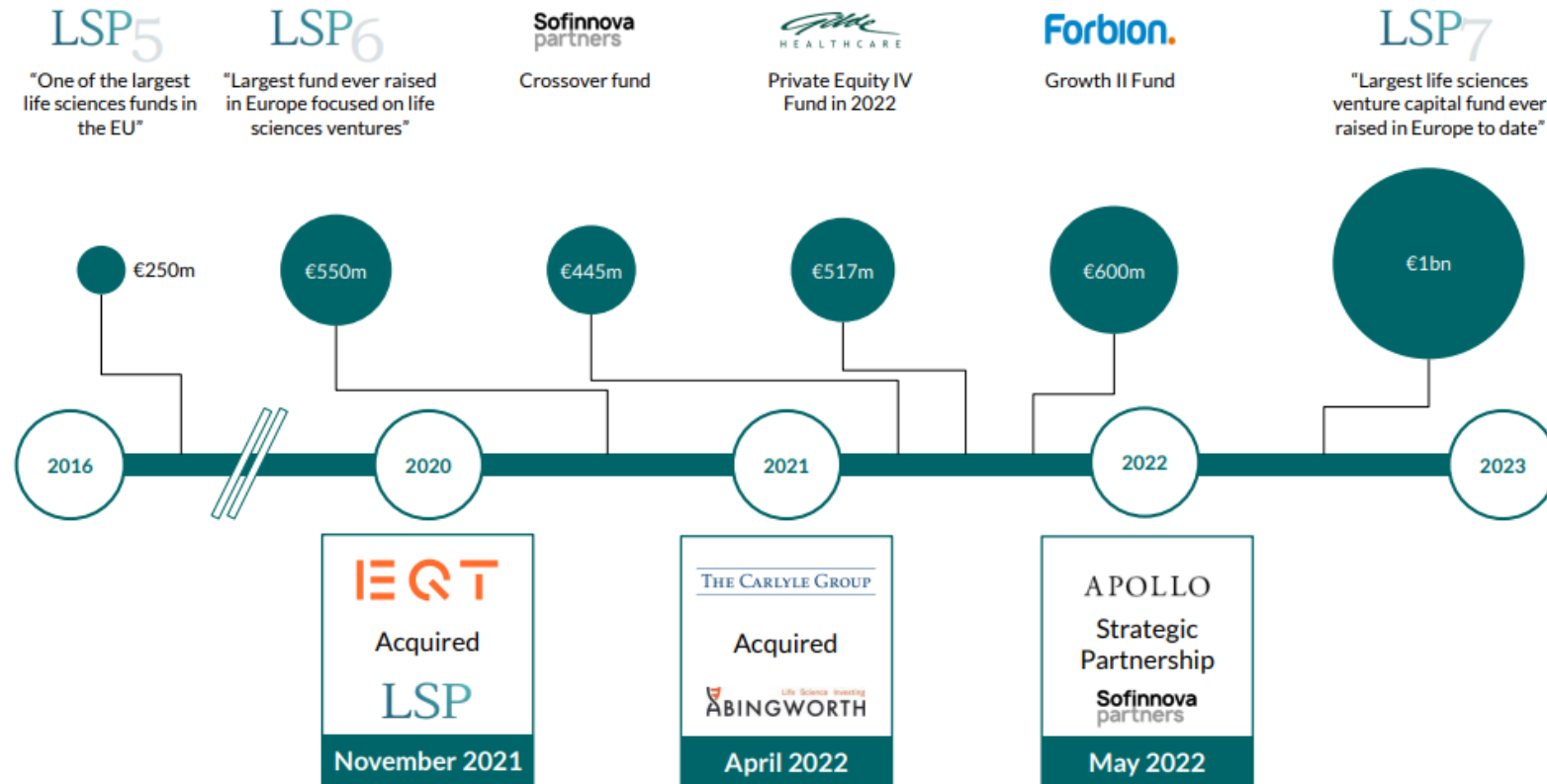


Excellent knowledge



Disruptive innovation

Life sciences funds are larger than ever and are consolidating amongst each other





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Purposes of Biotech Booster

- Improve the efficiency of biotechnology science commercialization
- Strengthen the Dutch biotechnology ecosystem





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What is Biotech Booster?

- Biotech Booster is a program of the National Growth Fund to accelerate the transfer of biotechnology innovations to the market and society
- Make impact!
- Close collaboration between seasoned entrepreneurs and academia
- Financial support in early phase of development
- Mentoring and training





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Key facts Biotech Booster

- €250M
- 30 business developers (universities & university medical centers)
- 10 impact developers (universities of applied science)
- Until 2032
- >500 projects expected





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Thematic clusters (I)

National teams providing local support to projects from public and private partners.

- Industrial/Production - TC1
- Agri/Food - TC2
- Medical/Therapeutical - TC3
- Diagnostics/Services - TC4
- Platform/Discovery & Development - TC5



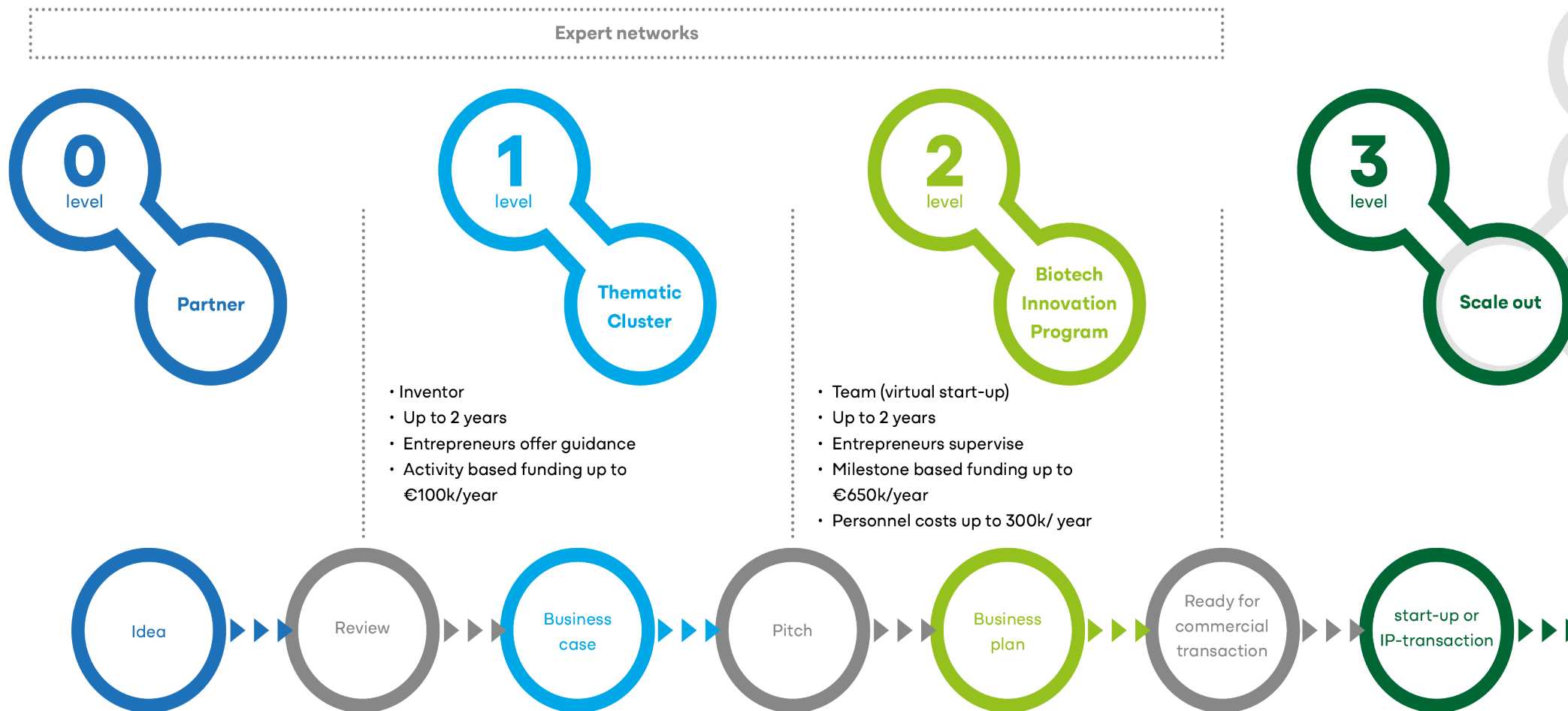


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Thematic clusters Biotech Booster(II)

- are open clusters for idea driven projects
 - Partners can join/leave, not-exclusive.
 - Inventors drive initiation of new projects.
- have a national role and local presence
 - National themes (in five clusters) to connect people and ideas.
 - Local presence to access networks, facilities and support local projects.
- have a TC office that support projects on level 1
 - TC office is a distributed team with a variety of roles.
 - Business Developers to scout and support projects at national level.
 - Impact Developers to link talent and innovative SME's.
 - Project Managers to oversee and report.
- connect experts and talent
 - Maintain a network of public and private partners.







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Role of entrepreneurs in Biotech Booster

Database of > 120 biotech entrepreneurs:

- Advice TC on level 1 project
- Support project team + TC level 1
- Evaluate pitches for entry level 2
- Member of Project Steering Committee
- Scale out negotiations
- Mentoring
- Business, regulatory,...expertise





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Strengthen ecosystem

- Entrepreneurs/scientists/tech transfer
- Mentoring
- Use networks
- Boston example





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Boston trip June 2023

Massachusetts
Massachusetts is the world's leading hub for life sciences. It is home to a thriving life sciences community, renowned universities and hospitals that are global leaders in biotech research, and the most highly educated workforce in the US. Massachusetts is the perfect breeding ground for both small and large biotechnology companies to flourish.



>100,000
employees working
in biopharma¹

2
Boston hospitals rank
among the best in
the country²

≈1,000
biotech companies
in Boston³

3 of the Top 4
NIH-funded independent
hospitals are in Massachusetts¹

114
colleges

26%
of all VC investment nationally
are received by Massachusetts
biopharma companies



- #1** Global Connectedness Index (DHL)
- >104,000** employees in the LSH sector
- >3,000** LSH R&D companies⁴
- 12** research universities
- 700+** Public Private Partnerships⁴
- 2 of the Top 5** European hospitals⁵ are situated in the Netherlands
- Home to European Medicine Agency and European Patent Office

The Netherlands
The Netherlands provides a key location for life science businesses. The dynamic and thriving Dutch Life Sciences & Health sector is characterised by outstanding clusters and world-class universities with a long history of strategic partnerships that link science, industry and government. As the home to 3,100 innovative life sciences companies and the European Medicines Agency, the Netherlands is one of the most concentrated Life Sciences & Health clusters in the world.





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Boston trip June 2023

Visits to:

- OSATT, het Office of Strategic Alliances & Technology Transfer van MIT
- Henri Termeer foundation
- BioLabs
- (+ many companies and labs)

Common theme: the ecosystem!!





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Timelines Biotech Booster

- Construction phase was concluded end of May 2023.
- Implementation phase June – Q4 2023/Q1 2024.
- Execution phase starts Q1 2024





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