Thinking about your own start-up enterprise – potential support by the Life Science Inkubator

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Dr. Frank Striggow

Chief Operating Officer, Life Science Inkubator, Bonn and Dresden

LSI/PI – corporate and financing structure

Investors and shareholders: Max-Planck-Gesellschaft, Max Planck Förderstiftung Foundation, Helmholtz Spitzenforschung für grosse Herausforderungen, Fraunhofer, caesar center of advanced european studies and research, NRW.BANK Wir fördern Ideen, Sparkasse KölnBonn

LSI catalyzing start-ups Life Science Inkubator

Project funding: Bundesministerium für Bildung und Forschung; Ministerium für Innovation, Wissenschaft und Forschung des Landes Nordrhein-Westfalen

LSI Bonn, caesar
since 2009
Management, R&D, Transfer, co-financing via LSI Pre-Seed Fund

Project funding: Europäische Union, Europäischer Fonds für regionale Entwicklung, Europäischer Sozialfonds; Europa fördert Sachsen. EFRE ESF; Staatsministerium für Wissenschaft und Kunst, Freistaat Sachsen; Staatsministerium für Wirtschaft Arbeit und Verkehr, Freistaat Sachsen; Bundesministerium für Bildung und Forschung

LSI catalyzing start-ups Life Science Inkubator | Sachsen in Kooperation mit dresden exists

LSI Saxony, Dresden
since 2013
Management, R&D, Transfer

PI catalyzing start-ups Photonik Inkubator | Niedersachsen

Photonik Inkubator, Göttingen
since 2014
Management, R&D, Transfer

Project funding: Niedersächsisches Ministerium für Wissenschaft und Kultur; Bundesministerium für Bildung und Forschung

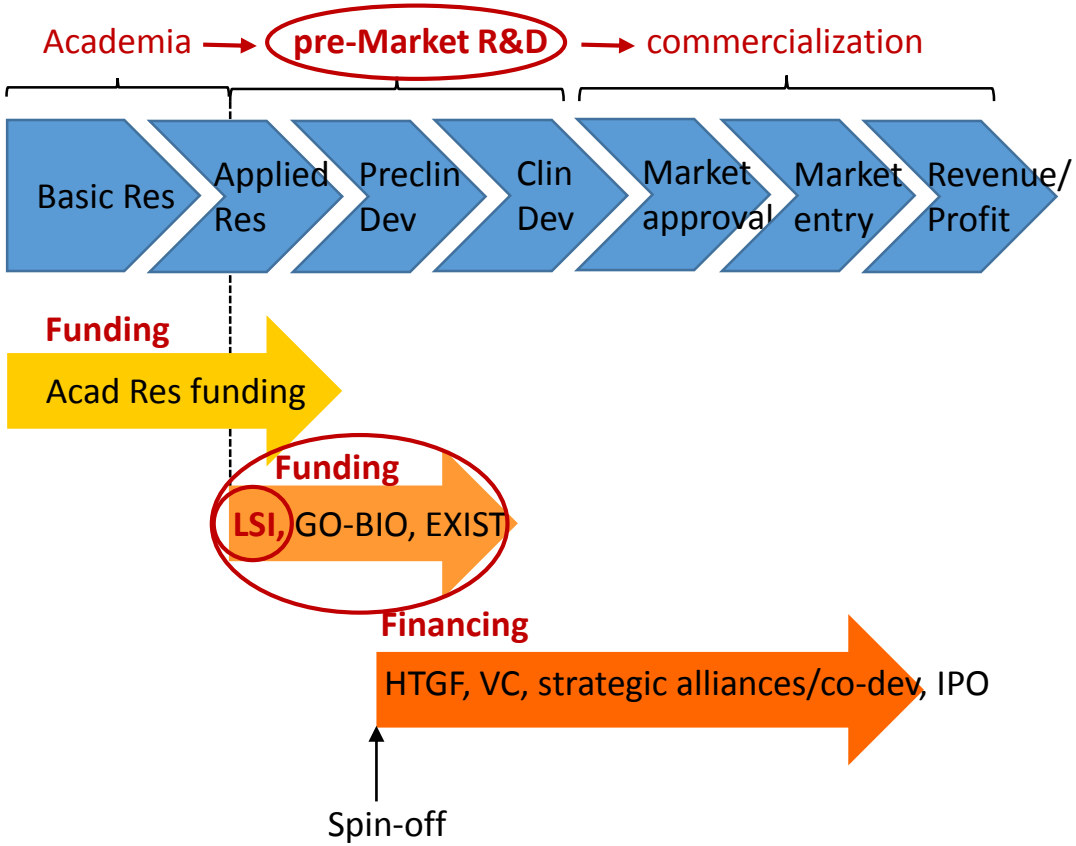
LSI – mission and position

LSI catalyzing start-ups
Life Science Inkubator

→ to bridge/finance the gap between academia and commercialization/business formation

→ IMPORTANT: We finance R&D projects BEFORE your company/business is established (incubation)

→ business start-up after incubation



LSI – technology fields of interest

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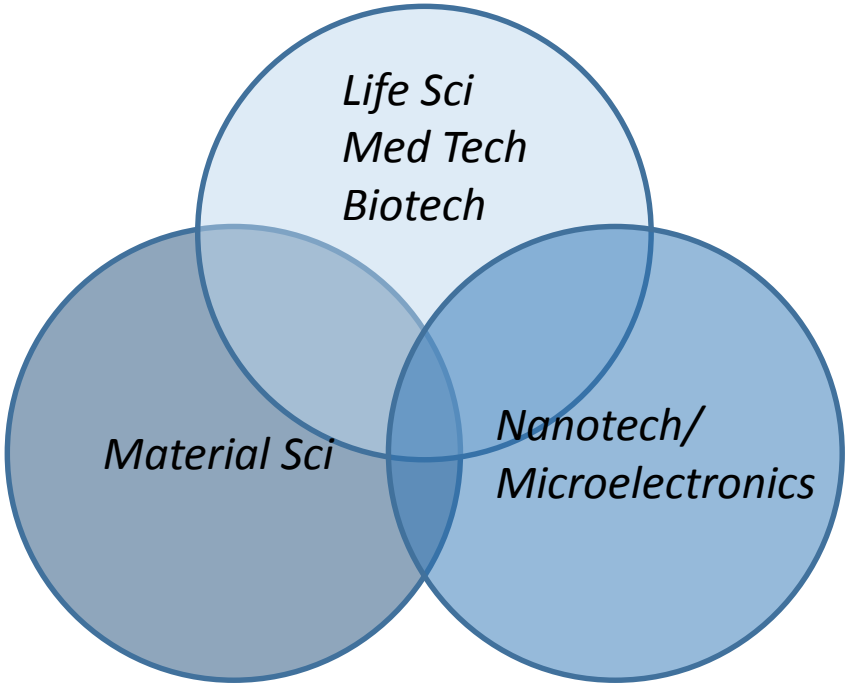
Certainly, *Life Sci, Med Tech, Biotech*
and over cross technologies, incl.
Material Sci, Nanotech, Microelectronics



LSI – what we are looking for
(via scouting and evaluation)

- scientific and technological excellence
- the right people (!!!) – sophisticated team leader and team with entrepreneurial spirit
- serious willingness and ability to focus on product development and commercialization
- plausible product and business idea
- corresponding project plan
- valid business case (not a complete business plan)
  - market need/size/entry barriers
  - time lines until profitability/break-even
  - total financing volume

"LSI is continuously seeking highly motivated scientists and teams providing scientific excellence and entrepreneurial spirit. In particular, we are looking for ambitious personalities who are interested and willing to transfer validated scientific projects into innovative commercial applications."

LSI – our offer

LSI catalyzing start-ups
Life Science Inkubator

- Incubation concept, unique in Germany based on 5 pillars:

Evaluation	Project Financing	Project Management	Personnel Development	Project Transfer

- before incubation:
  - intense project and team evaluation/Due Diligence, further project development
  - verification and specification of business model, R&D plan and financing needs during incubation/ post incubation
- Incubation at LSI:
  - max. 1.5 m € project funding by the local state or BMBF incl. personnel costs, infrastructure (lab, office, equipment), consumables, third-party contracts
  - contract of employment with LSI according TV-L/TVÖD
  - teams relocate to LSI (Bonn, NRW or Dresden, Saxony)
  - duration of incubation: up to 3 years
  - continuous support by LSI team/infrastructure/network
  - personal project manager, project meetings bi-weekly and upon request
  - Internal/external coaching regarding R&D, team development, IP, legal affairs, set-up of business plan, financing, business/corporate development etc.
- post incubation (→ goals):
  - company formation/spin-off based on follow-on financing
  - co-investment option by LSI pre-seed fund

Steps to project funding

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A Submission of project concept/Idea

B Initial presentation at LSI

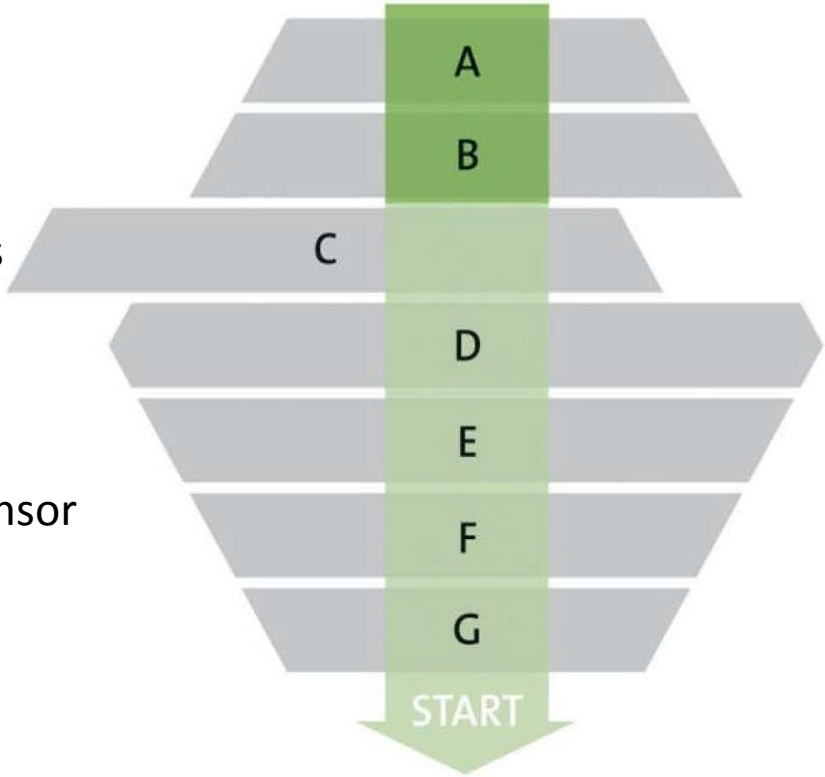
C project shaping, submission of documents

D Due Diligence

E Presentation to LSI investment committee

F Grant Application and Approval to/by sponsor

G Contracts, Start of Incubation



Total time line: appr. 12 months

Incubation at LSI/LSI Saxony – number of previous projects and outcome

LSI Bonn:
6 projects finished → 3 exits + 2 failures, currently 2 projects in transfer (EPN, VesselSens), 2 in incubation (InfanDx, Silvacx)

LSI Saxony:
2 projects started in 2013 → 1 failure (Cell's kitchen), currently 1 project in transfer (NanoscopiX), 2 in incubation (ProDetekt, SmartNanotubes)

NEUWAY PHARMA

CNS-specific drug delivery technology
Financing partners: Wellington, LSI Pre-Seed-Fonds, business angels
A round: 2.7 m €, pre-money evaluation >5 m €
B round: 3.15 m €, pre-money evaluation >7.7 m €

bomedus

Small fiber matrix stimulation™ for chronic and acute pain treatment
Financing partners: HTGF, LSI Pre-Seed-Fonds, business angels
A round: 3.4 m €
B round: NRW.Bank, business angel: 2.5 m €

EPIVIOS

Biomarkers for early diagnosis of bladder and prostata cancer
Financing partners: HTGF, LSI Pre-Seed-Fonds, TTHU GmbH/Univ Düsseldorf, business angels
seed round: 0.6 m €

Contacts

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Life Science Inkubator GmbH
Ludwig-Erhard-Allee 2
D-53175 Bonn
Germany
www.life-science-inkubator.de

Dr. Jörg Fregien
Chief Executive Officer
0228 / 227790 0
fregien@life-science-inkubator.de

Dr. Frank Striggow
Chief Operating Officer
0228 / 227790 33 or 0351 / 7965380
striggow@life-science-inkubator.de