

~ independent *NGO* developing the *biotech*
innovation *ecosystem* in the *Baltics* and *CEE*



ANDRII SHEKHIREV

CO-FOUNDER, BIOCATALYST

15+ years building startups (and counting),
mid-term goal: bring on the Bio Revolution!

OUR SCOPE

- ♥ Health: diagnostics, treatment, prevention
- ⌘ Agriculture: farming, forestry, aquaculture
- 🍷 Food: precision fermentation, cell based
- ⚗️ Industrial: biochemicals, biomaterials, energy
- ♻️ Circularity: upcycling, bioconversion
- 🏗️ Enablers: equipment, infrastructure, software

STARTUPS

- _Incubation
- _Infrastructure
- _Mentorship
- _Financing

TALENT

- _iGEM Latvia
- _InnoLab
- _Biomaker kits
- _Hackathons

EVENTS

- _Conferences
- _Seminars
- _Workshops
- _Networking

INSIGHTS

- _Sector report
- _Policy advice
- _Consortia
- _Action plan

SUPPORTING the SPIN-OFFS

VENTURE CREATION

Going from idea/tech
to functioning startup

INCUBATION

Helping achieve
first milestones

INFRASTRUCTURE

Physical, personal,
organizational, legal



BOOSTING LIFE SCIENCES RESEARCH TRANSLATION > IN THE BALTICS AND CEE

INNOVATION ECOSYSTEM?...



STATUS QUO: BIOMEDICAL INNOVATION in CEE

Helpful

Harmful

Internal

STRENGTHS

- Track record of high-class **R&D**
- High quality **talent** pool
- **Cost** advantage vs innovation leaders

WEAKNESSES

- Lack of **focus** and coordinated **strategy**
- Continuing **brain drain**
- Low activity of **legacy** industry

External

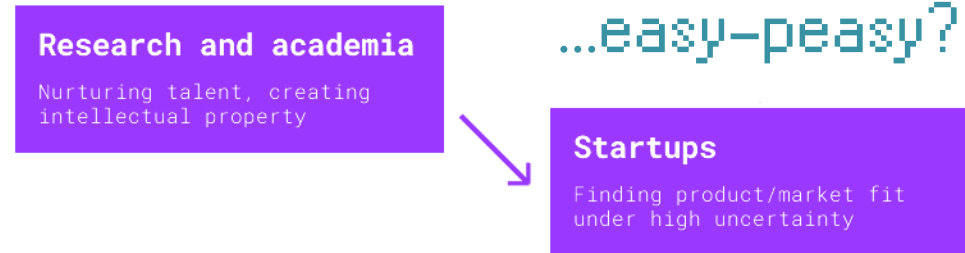
OPPORTUNITIES

- **Niche** specialization(s)
- **Regional** collaboration
- Plentiful **funding** available across EU

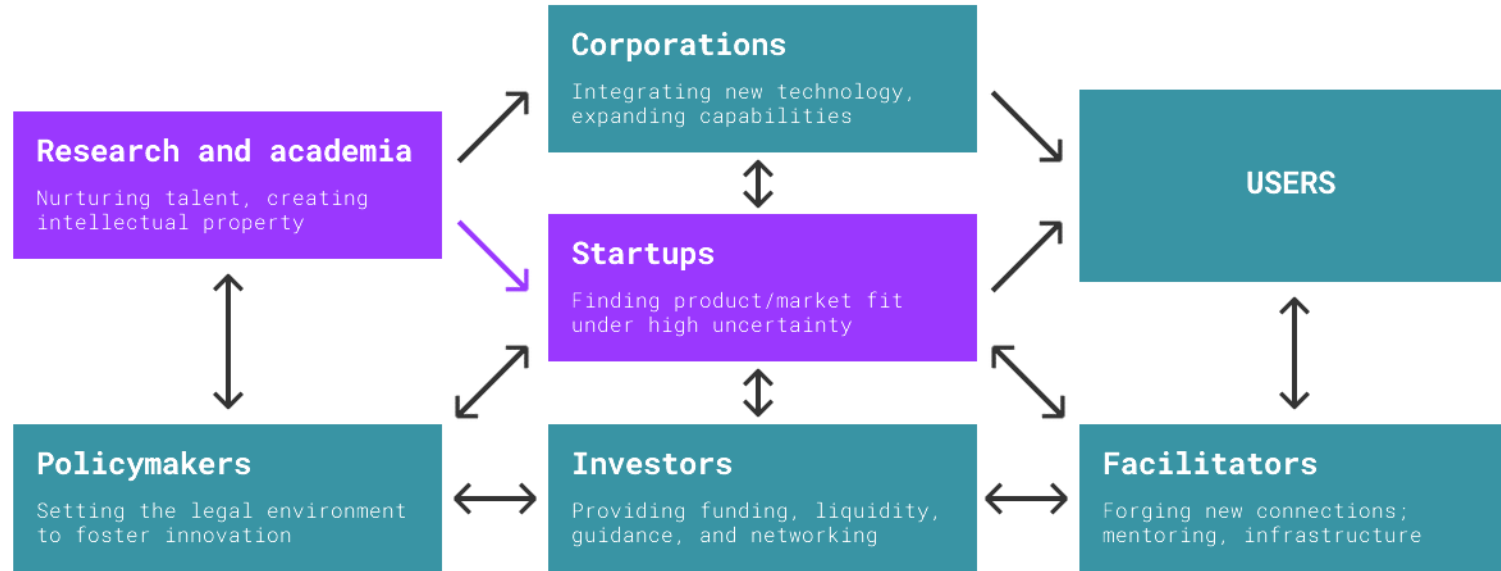
THREATS

- **Falling behind** the innovation curve
- Growing regional/global **competition**
- **Loss** of know-how and capabilities

BUILDING the ECOSYSTEM



BUILDING the ECOSYSTEM

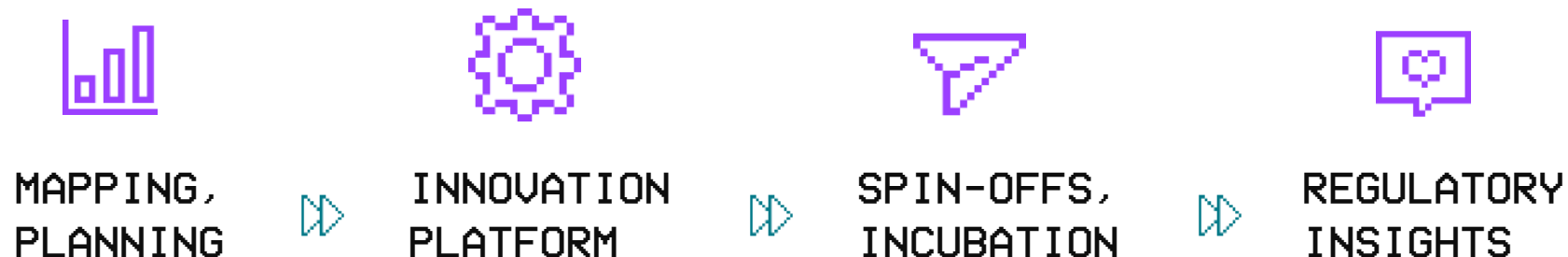


CASE:
BIOMATERIAL
INNOVATION
TRANSLATION



STIMULATING
EXPERIMENTATION
PRACTICES
T*OWARDS*
EUROPEAN
MEDICAL
BIOMATERIALS
ECOSYSTEM
ROBUSTNESS

CASE: BIOMATERIAL INNOVATION TRANSLATION



CASE: BIOMATERIAL INNOVATION TRANSLATION



Joint design for a regulatory sandbox





INNOVATION
ECOSYSTEM!

 [LINKEDIN.COM/COMPANY/BIOCATALYST](https://www.linkedin.com/company/biocatalyst)

 HELLO@BIOCATALYST.EU

