CTI – Start-up and entrepreneurship, R&D Funding, KTT-Support

Commission for Technology and Innovation CTI

Individualized support for your business

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Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Commission for Technology and Innovation CTI

Partners in innovation process

Basic research	>	Applied research	>	Product development	>	Market

SNSF
Turns money into knowledge

CTI
Turns knowledge into money

HORIZON 2020

15.09.2014 – 31.12.2016

CH=Associated

CH=Third Party Country

EU →

SBFI ←

Excellent Science (EUR 24.4bn)

- European Research Council EUR 13.1bn ✓
- Future and Emerging Technologies EUR 2.7bn ✓
- Marie-Sklodowska-Curie Actions EUR 6.1bn ✓
- Research Infrastructures EUR 2.5bn ✓

Industrial Leadership (EUR 17bn)

LEIT = Leadership in enabling and industrial technologies
- ICT
- Nano, new materials
- Biotechnology
- manufacturing and processing
- Space
EUR 13.5bn ✓

- Access to Risk Finance EUR 2.9bn ⊘
- Innovation in SMEs EUR 0.6bn ⊘

Societal Challenges (EUR 29.7bn)

- Health EUR 7.5bn ✓
- Food EUR 3.9bn ✓
- Energy EUR 6bn ✓
- Transport EUR 6.3bn ✓
- Climate EUR 3bn ✓
- Inclusive Societies EUR 1.3bn ✓
- Security EUR 1.7bn ✓

EU: Parts of Widening Participation → Spreading Excellence (EUR 0.8bn) ✓

Science for Society (EUR 0.5bn) ✓

European Institute of Innovation and Technology (EIT) EUR 2.7bn ✓

Joint Research Centre (JRC) EUR 1.9bn ✓

Euratom EUR 1.6bn ✓

CTI - Three support areas

Start-up and Entrepreneurship

Training modules,
Coaching,
Start-up Label,
Access to investors

Projects

Joint projects
companies - higher
education institutions,
innovation cheque,
innovation voucher

KTT Support

NTN
Innovation mentors
Platforms

CTI – Start-up and Entrepreneurship, R&D Funding, KTT Support

CTI funds projects in 4 domains

Engineering Sciences

- Machine engineering
- Productions technologies
- Material technologies
- Mechanical and Thermal Engineering
- Electrical Engineering
- Civil Engineering
- Chemical Engineering
- Environment technologies

Enabling Sciences

- Information and communication technologies
- Business leadership
- Spatial plannung, tourism, public administration
- Logistics, integrated production, e-business
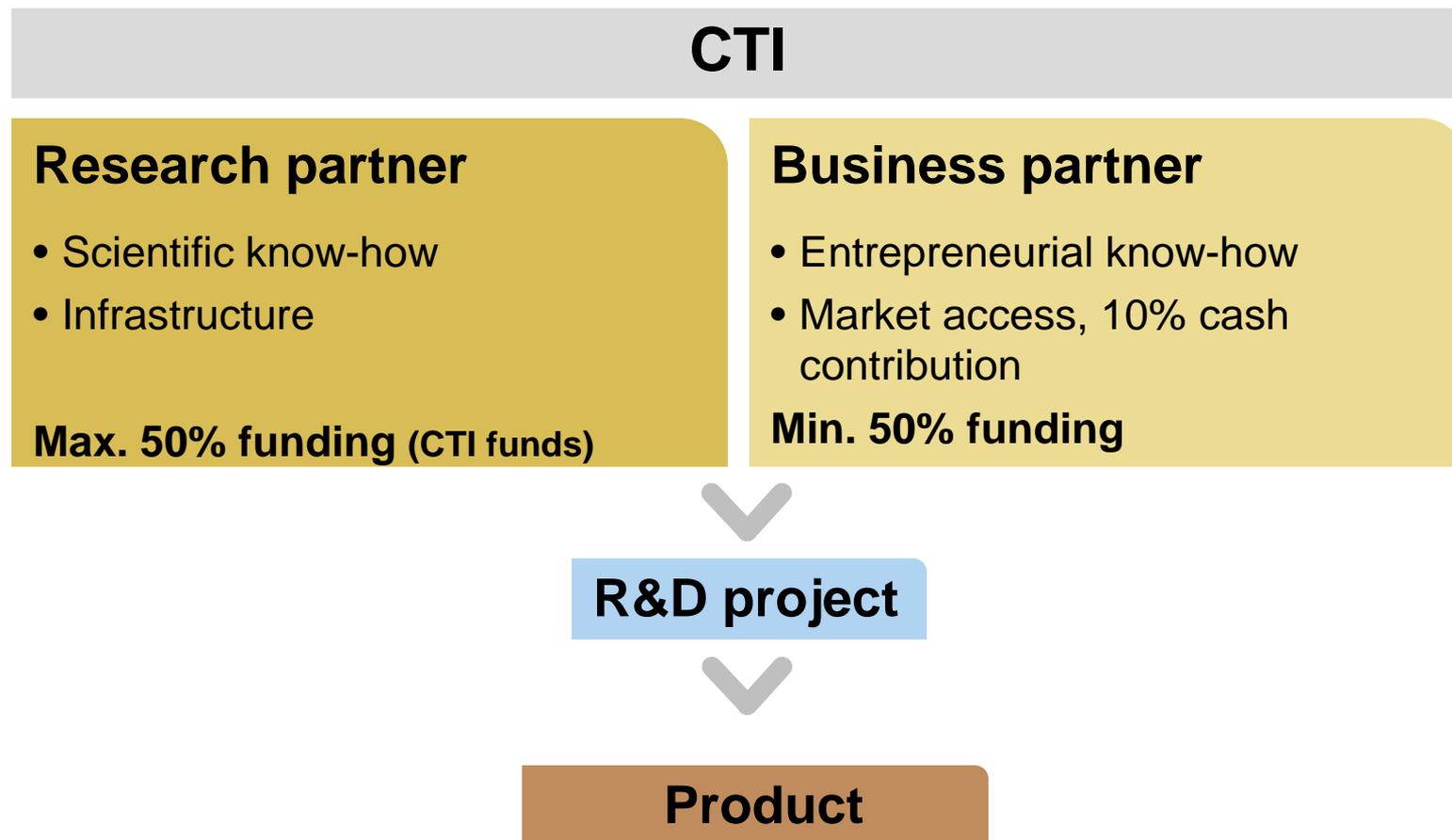- Architecture, design

Micro- and Nano-technologies

- Electronics, Optoelectronics, Sensor electronics
- Microsystem technology
- Nanotechnologies
- Miniature systems engineering
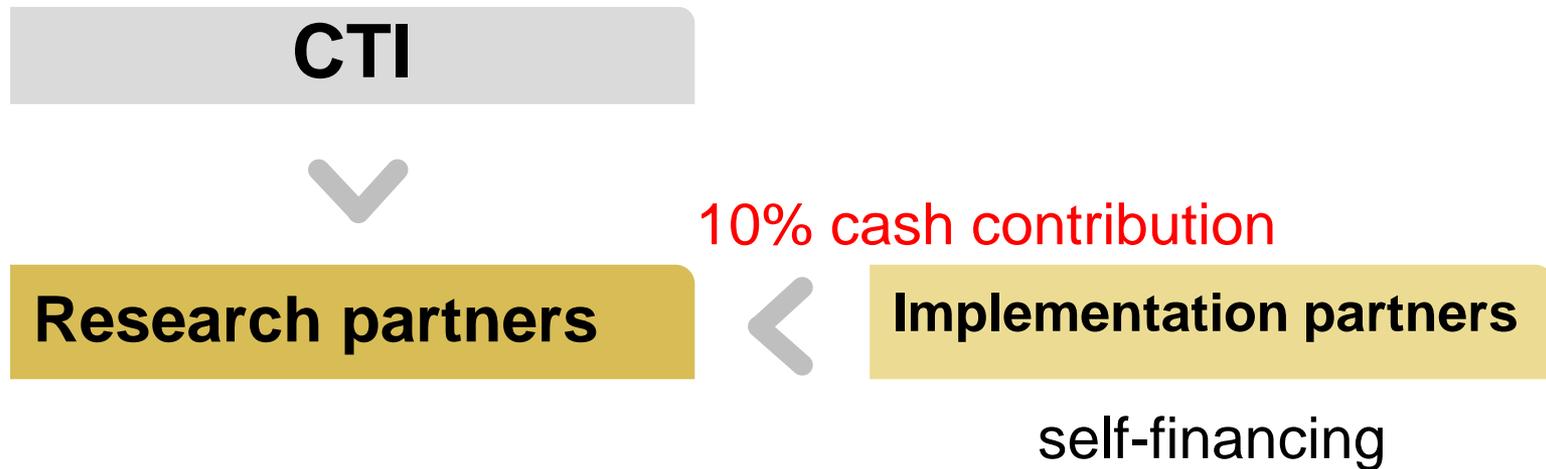- Microelektronics
- Sensors and actuators

Life Sciences

- Medical technology
- Biotechnology, Biochemistry, Pharmacology

The essentials of a CTI project

CTI

Research partner	**Business partner**
• Scientific know-how • Infrastructure **Max. 50% funding (CTI funds)**	• Entrepreneurial know-how • Market access, 10% cash contribution **Min. 50% funding**

⌄

R&D project

⌄

Product

Financial flows

CTI

⌄

10% cash contribution

Research partners   ‹   **Implementation partners**

self-financing

Strong CHF – Special measure: CTI covers cash contribution

Conditions:

- SME < 250 employees

- 50% of turn-over with EU exports

- Valid also for SMEs who are sub-suppliers of export dependent companies.

- Significant added value created in Switzerland

- Valid for project proposals submitted between 1 Aug. – 31 Dec. 2015 (date of submission)

How to apply for CTI project funding

1. Business idea

2. Find a research partner

3. Research partner writes application, company provides details of business goals, implementation concept, benefits (3−4 weeks)

4. Project assessed by CTI experts (6−8 weeks)

5. Contracts, IP, interim and final reports, evaluations

All info on www.kti.admin.ch

Innovation mentor's role and tasks

13 CTI Innovation Mentors (3 Head IMs)

- Mentor as a facilitator/ moderator
- Merging companies with research and vice versa
- Moderating project meetings between business and research partners (How to make a product out of an idea? What is the market potential, the added value for the SME's portfolio, importance for research, sustainability criteria, etc.)
- Critical review of draft proposals (no proposal writing – research partner)
- Additional funding instruments, etc.

Thank you for your kind attention

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