

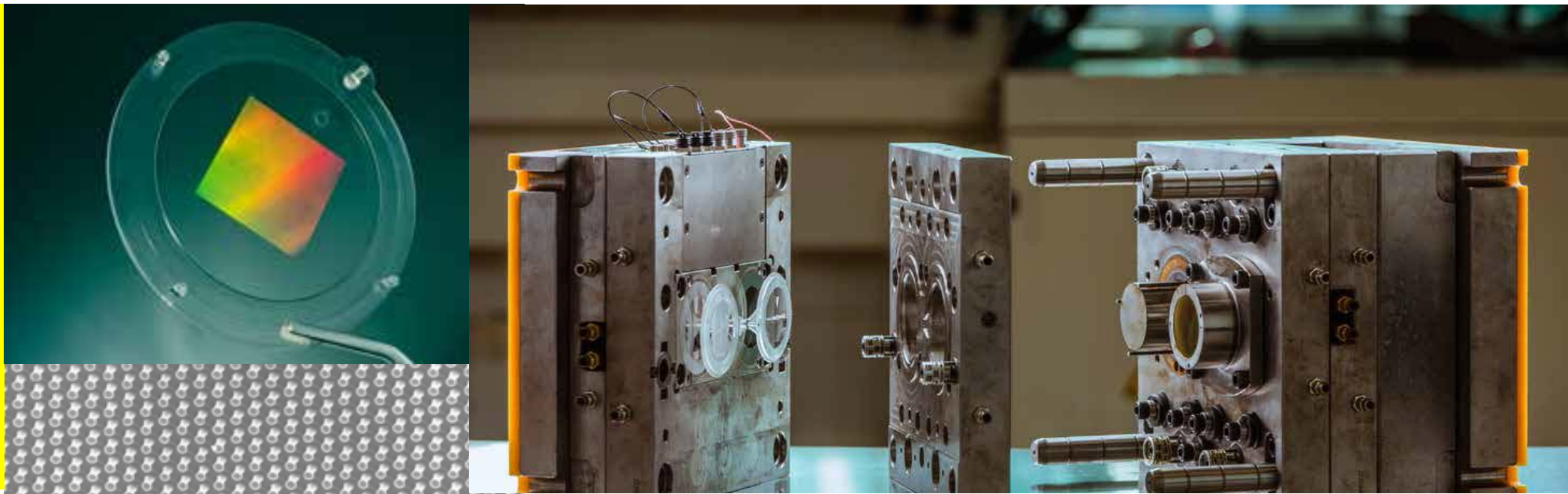
Profile in R&D and Funding

School of Engineering FHNW

R. Schnaidt

Funding Opportunities Workshop November 28th 2016

Swiss Photonics National Network





Facts and figures FHNW 2016

- 11'500 students
(29 Bachelor's, 18 Master's programmes)
- 3'000 post graduation diplomas
(609 MAS, 104 DAS, 2'003 CAS)
42'00 seminar and conference participants
- 822 R&D projects; CHF 120 million
- 2'628 staff (1'913 FTEs)
- Total expenditure: CHF 450 million
- Third-party revenue: CHF 220 million

FHNW School of Engineering

Brugg-Windisch



Key Figures

Students

- Bachelor and Master 1650
- Post Grade Education 400

Staff (head count)

- Total 500

Finances 2015

- Total expenditure CHF 70 Mio.
- Total third-party revenue CHF 40 Mio.



Degree Programs

Bachelor programs

- Electrical Engineering and Communication Technology
- Energy and Environmental Technology
- Mechanical Engineering
- Computer Science / iCompetence
- Mechatronics Trinational
- Business Engineering
- Systems Engineering
- Optometry

Master program

- Master of Science in Engineering MSE



Research fields - School of Engineering

- Sensor Technology and Microelectronics **IAST** and **IME**
- Automation **IA**
- Electrical Energy **IAST**
- Thermal and Fluid Engineering **ITFE**
- Bioenergy and Resource Efficiency **IBRE**
- Product and Production Engineering **IPPE**
- Polymer Engineering **IKT**
- Nano Technology for Polymer Products **INKA**
- Mobile and Distributed Systems **IMVS**
- 4D Technologies and Data Spaces **I4DS**
- Optometry **IO**
- Business Engineering **IBE**

Key Figures 2015 aR&D

New Projects: 100

Running Projects: 220

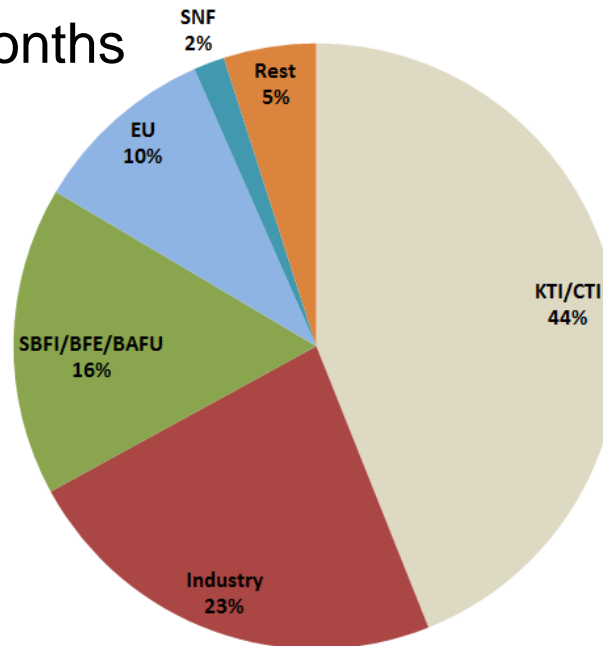
Total costs: **CHF 24 Mio.**

Third party funds: **CHF 18 Mio.**

Work basket: 17 months

320 Researches in 12 Institutes

200 FTE in Projects

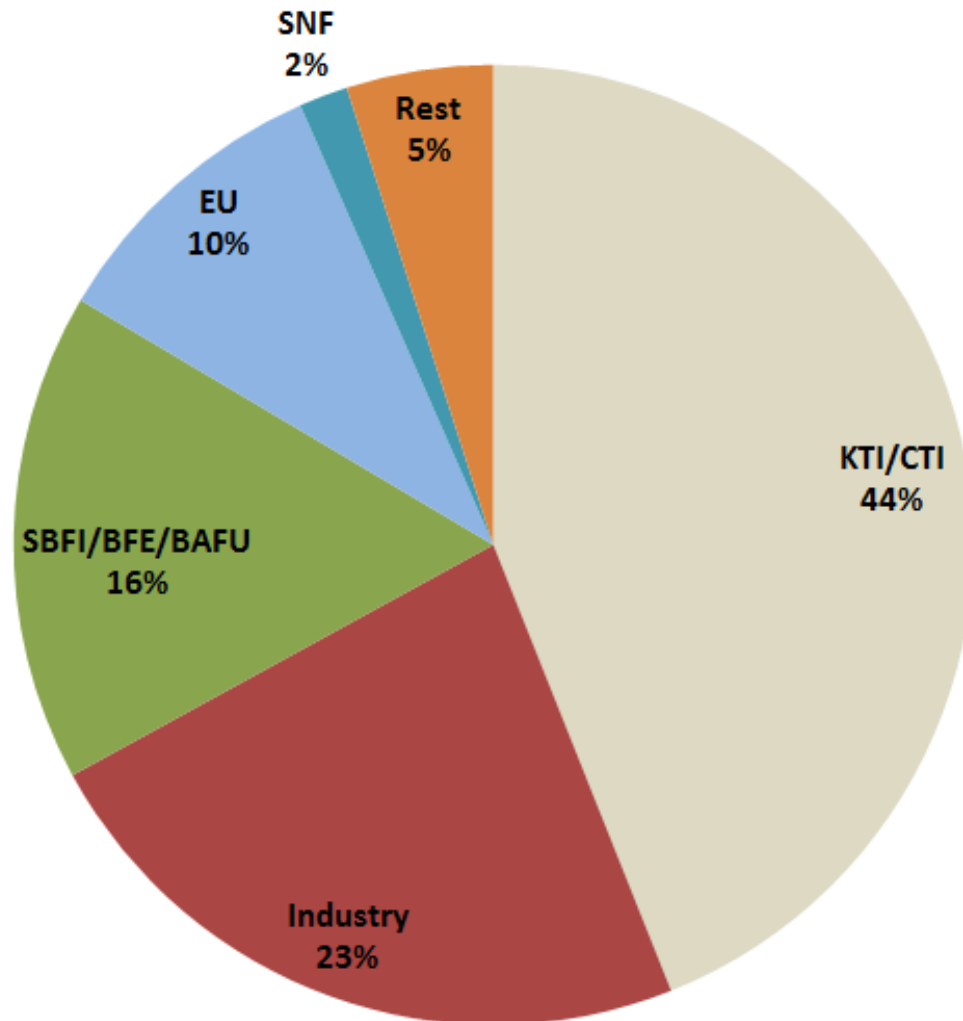


Third party funds

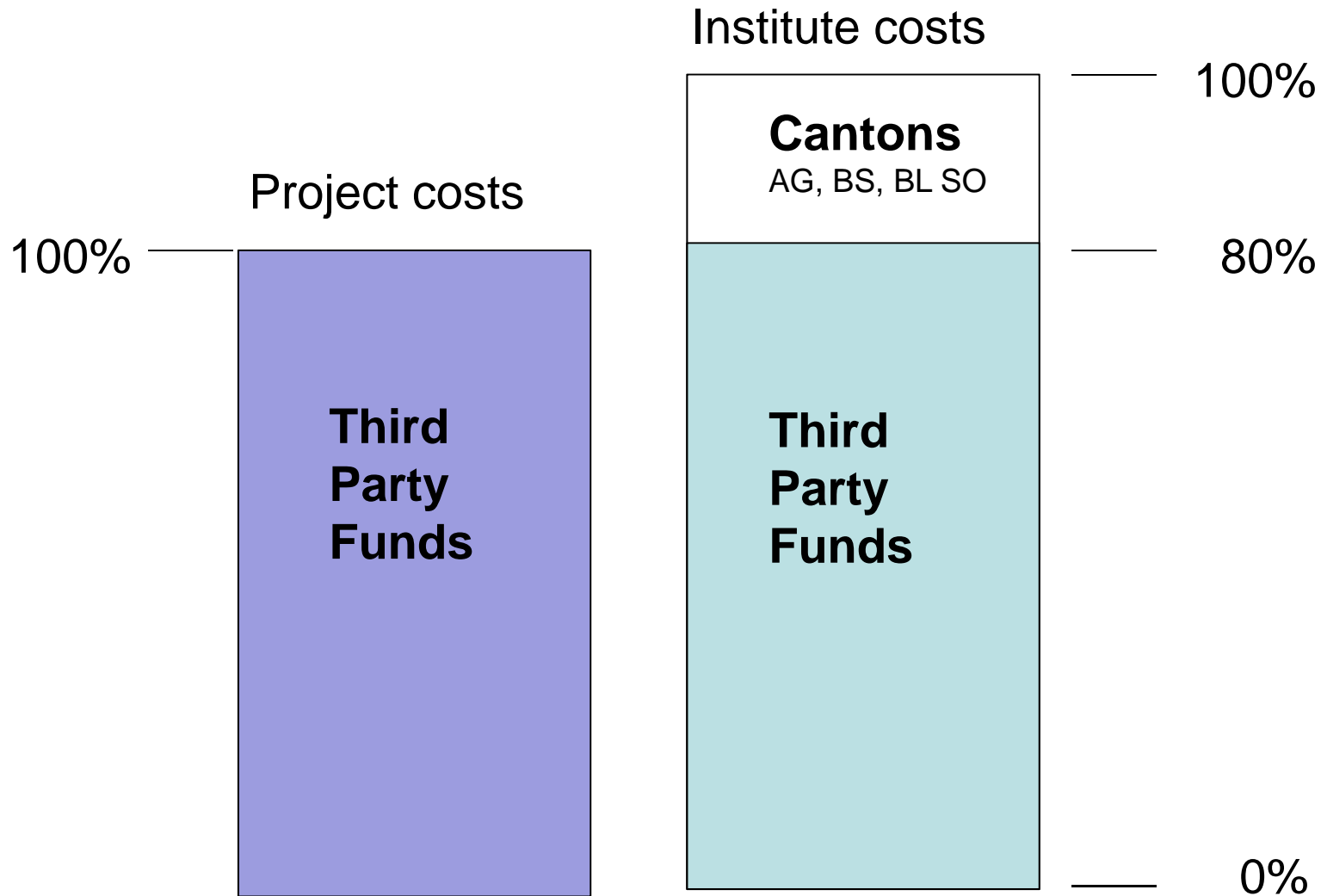


Funding Research: Distribution

Third party funds



Funding Research: Cost coverage



So – Funding is essential for us!

Fortunately ...



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

SBFI



HORIZON 2020

CTI/KTI



SCHWEIZERISCHER NATIONALFONDS
ZUR FÖRDERUNG DER WISSENSCHAFTLICHEN FORSCHUNG



FORSCHUNGSFONDS
AARGAU

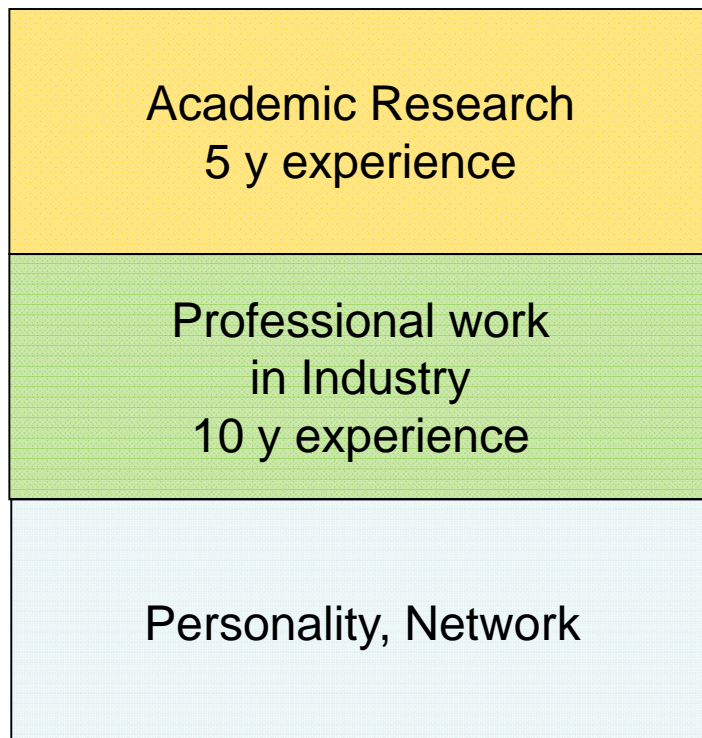
BFE

BAFU

— GEBERT RÜF STIFTUNG —
WISSENSCHAFT.BEWEGEN

... but most important are

... **Contacts and relations to Industry !**



typical age
at entry: 40 years



Prof. Dr. Hannes Lubich

Have a nice an interesting stay in our Campus in Olten!

