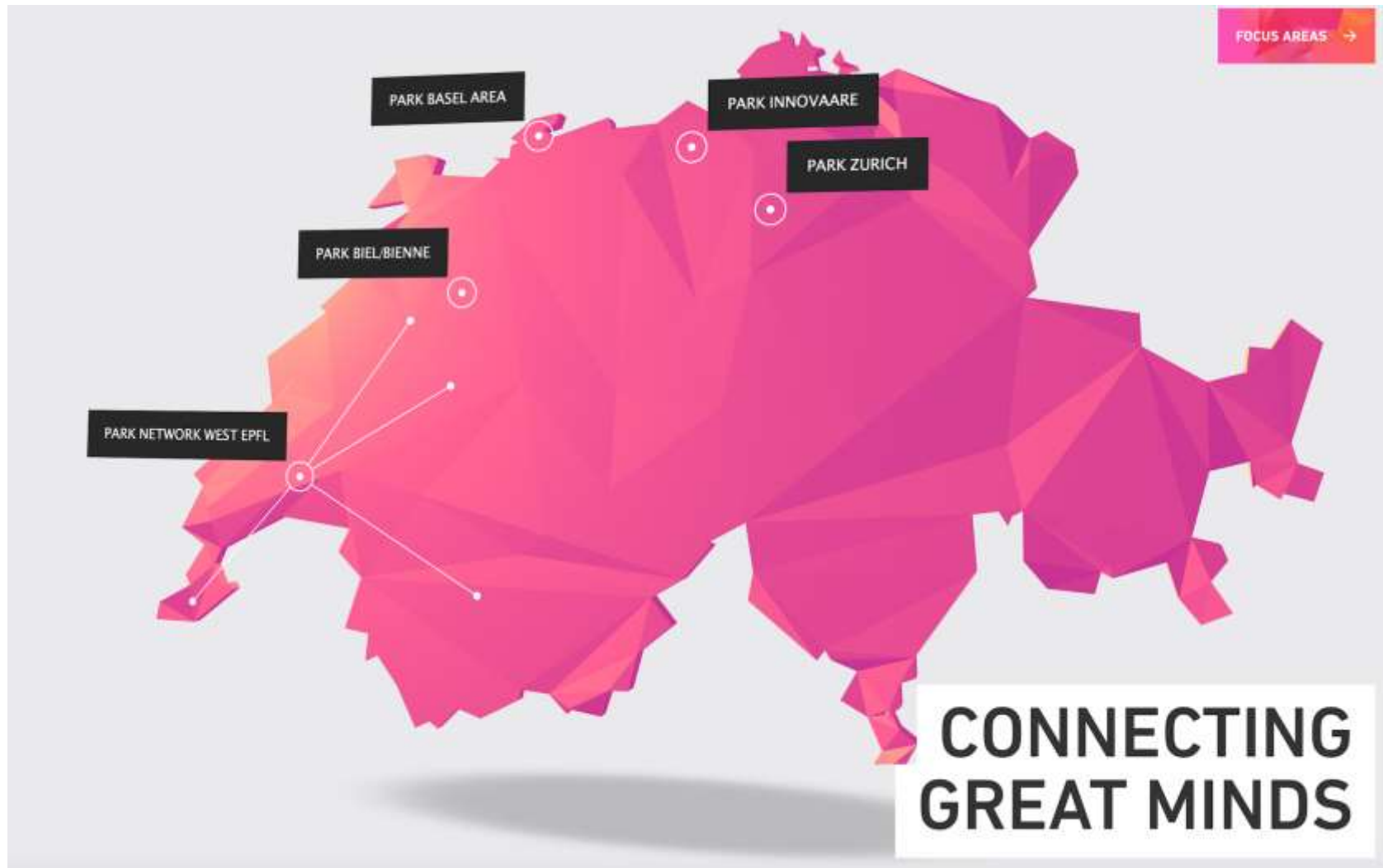


PARK INNOVAARE : THE INNOVATION PARK AT THE PAUL SCHERRER INSTITUT

WP9 Instrumentation: Detectors RTD Meeting
PSI/PARK INNOVAARE, June 13th 2017

Switzerland Innovation 1 network – 5 sites



PARK INNOVAARE

Switzerland Innovation = Federal initiative

CH



Strengthen Switzerland innovation capabilities
Boost economical growth and competitiveness



SWITZERLAND
INNOVATION

350 Mio. CHF

Federal guarantee

FOUNDATION



One Swiss national innovation network with a
direct access to public research infrastructures



Sites: separate and independent legal entities

PARK INNOVAARE

Paul Scherrer Institut = scientific backbone

Source PSI



PSI – base budget	270 M.CHF
+ external funds	100 M.CHF
Permanent employees	2'000
Research fellows	650
PhDs students	330
Industry users	>2'300 / year
Scientific publications	1'200 / year (> 12% of high impact)

A unique set of large research facilities & talent pool
Competitive on a Global Level

PARK INNOVAARE

Private funding and strong industrial support



PARK INNOVAARE

deliveryLAB - since 09/2015



- Office building for innovAARE AG
- Space for Meetings, Workshops, Conferences
- Base for resident companies

PARK INNOVAARE

Where we are



PARK INNOVAARE

Where we are and where we go

Today



2020




PARK INNOVARE

Space to create a platform for R&D collaborations



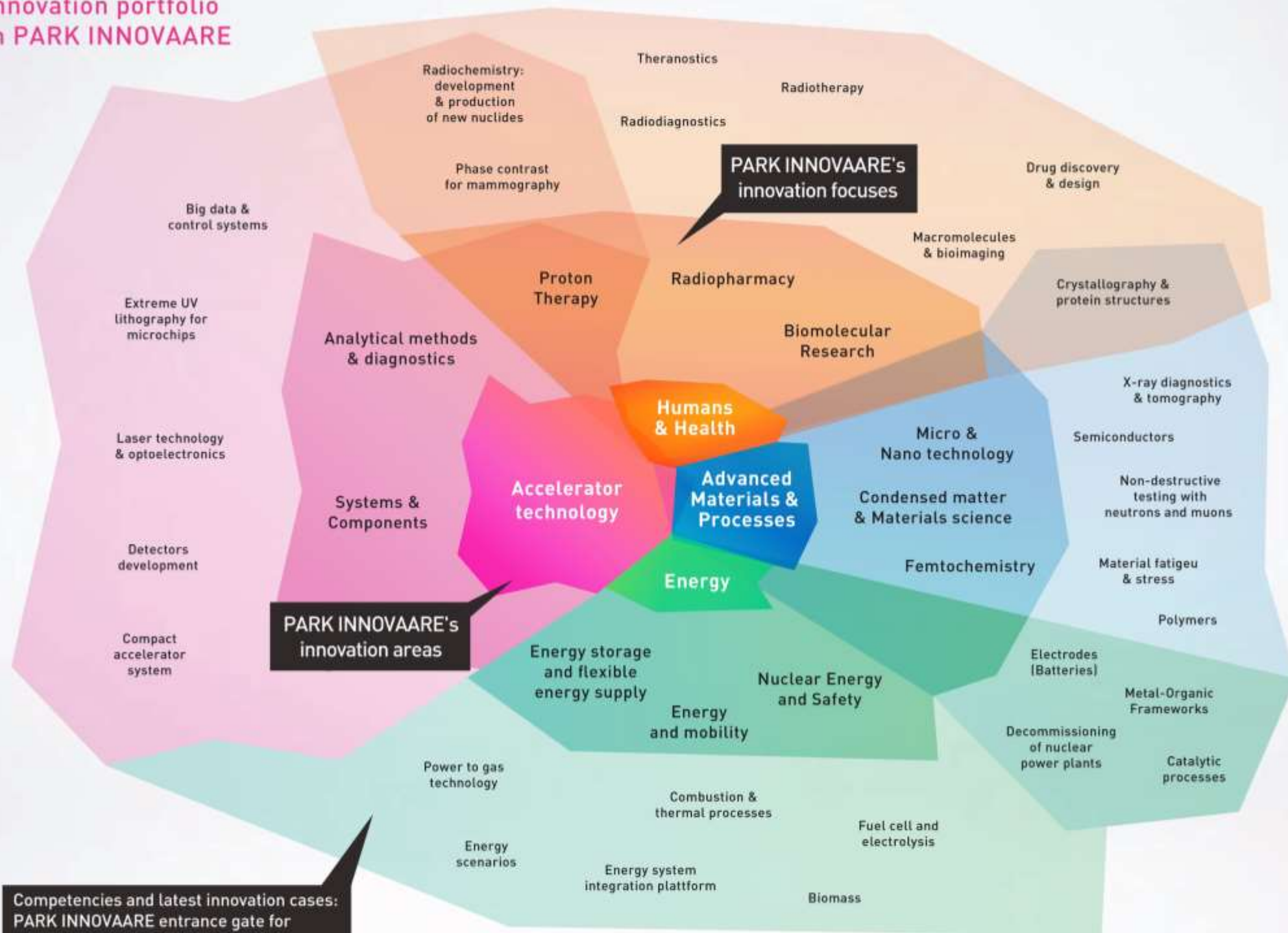
PARK INNOVAARE

Our vision



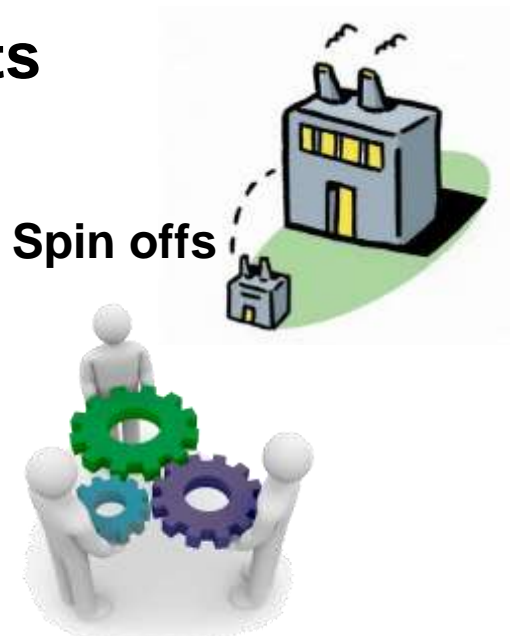
In PARK INNOVAARE, accelerator based innovations are transformed into marketable products and solutions – more rapidly than anywhere else

Innovation portfolio in PARK INNOVAARE



Vision (operated)

Clients



- Be a good host and provide good services:
 - Space (office, labs)
 - Meeting, conference
- Generate awareness for our stakeholders and ourselves:
 - Communication, marketing
- Support our customers with added value:
 - Find funding
 - Create relationships (internally, externally)
 - Consult in technology and innovation management

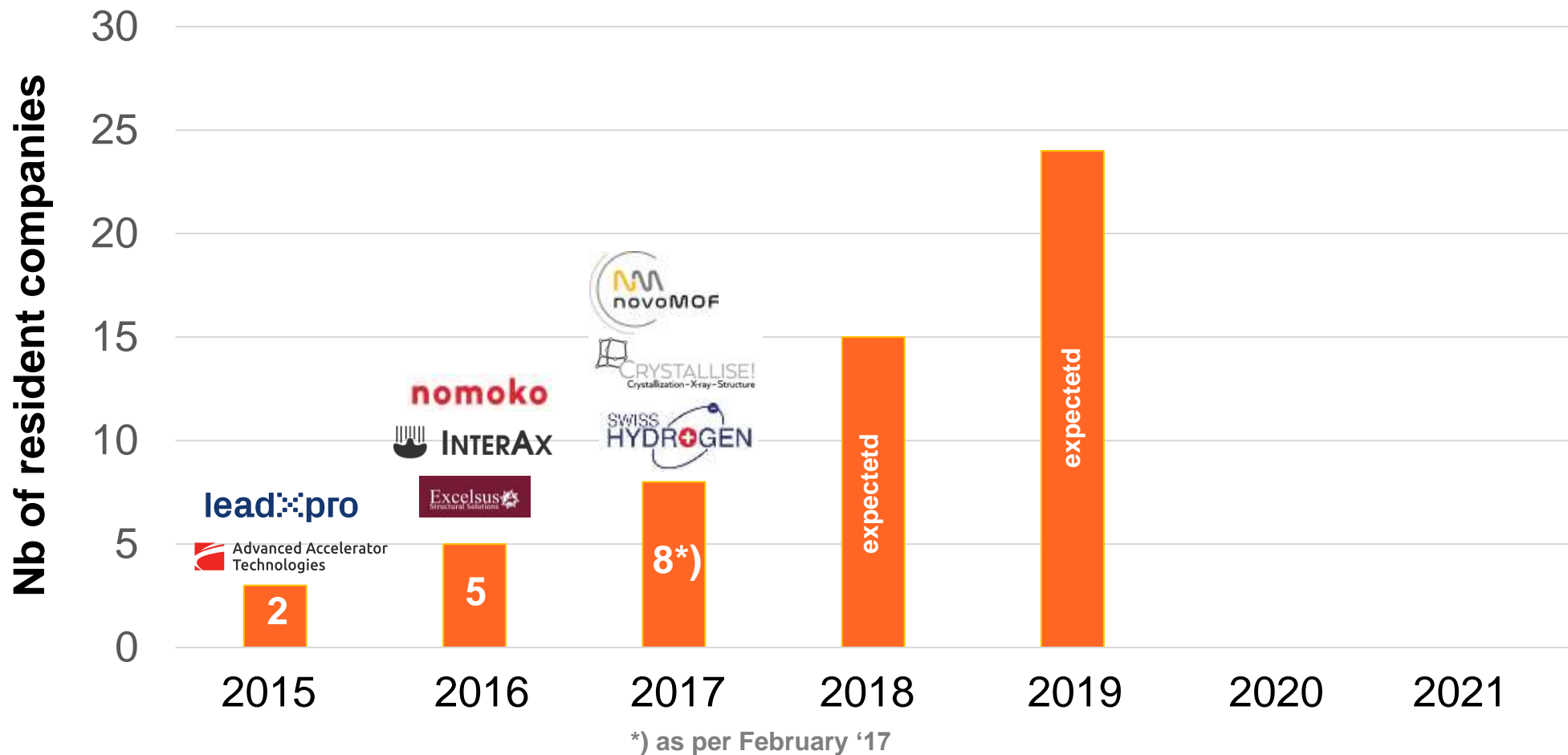
Corporate R&D centers, ww



Corporate R&D centers, ww


















PARK INNOVAARE

Status: March 2017 – 3 new residents



PARK INNOVAARE

Status: April 2017 – 3 new residents

Residents	Focus	Milestones
 Advanced Accelerator Technologies	Joint Venture PSI & key industry partners <i>Accelerator Technologies (AT)</i>	Bring Synchrotron Xray source to the industry Design of a compact accelerator achieved
 lead:pro	Membrane protein <i>Biotech / Pharma</i>	Co-operation agreement signed with Heptares Therapeutics LTD and BOEHRINGER INGELHEIM
 INTERAX	Drug-screening packages <i>Biotech / Pharma</i>	    
 Excelsus Structural Solutions	X-Ray Powder Diffraction <i>Pharma + use AT</i>	High sensibility detection of impurities in powder 5 years in operation serving pharma clients
 nomoko	1-Giga-Pixel-Camera <i>Optics, VR, Software</i>	   
 novomoF	Metal Organic Framework <i>Materials and Processes</i>	Nominations: Swiss Technology Award 2016 and ZKB Gründerpreis 2017
 CRYSTALLISE! Crystallization - X-ray - Structure	Small Molecules Crystallography <i>Pharma + use AT</i>	Recently obtained the absolute structure of a small molecule with light atoms at SLS (NBD)
 SWISS HYDROGEN	Clean energy production / Hydrogen <i>Energy</i>	Recently started a collaboration with PSI
(...)	up to 4 more residents by mid 2017...	

PARK INNOVAARE

Key elements & success factors

Basis: Large research facilities (particle accelerators)

Principal focus areas



**Backed by
world class
institutions**

PAUL SCHERRER INSTITUT



n|w Fachhochschule
Nordwestschweiz

**Industrial
support from:**

ABB



DECTRIS®

(...)

Marketable products & solutions

Innovation in Aargau

Other players & programmes

CH – Federal instruments

KTI, Horizon 2020, Venture Kick, Genilem...

Paul Scherrer Institute

Technology Transfer, specific programmes



Kanton of Aargau

Hightech Zentrum (HTZ),
Technopark Aargau,
Forschungsfonds Aargau

PARK INNOVAARE

Opportunities for industrial partners

- **Engagement**

Be a driver in one of the most influential innovation initiative in Switzerland

- **Open innovation**

Attractive platform for R&D projects = co-create in close collaboration with PSI or experiments with your own Spin-off

- **Investment**

Be involve in early stage initiative/project that will have an impact on the market

- **Side- effects**

Source top qualified staff, work with promising start-ups and discover exciting new opportunities

PARK INNOVAARE

More information & discussion



Daniel Kündig
CEO
kuendig@parkinnovaare.ch



Nils Gebhardt
Managing Director
gebhardt@parkinnovaare.ch

Please contact us!

Via email or by phone +41 56 461 7070

THANK YOU!

CONNECT WITH US:



WWW.PARKINNOVAARE.CH

PARK INNOVAARE

Proof of concept



International joint venture

Est. in April 2015

Mission:

The commercialization of the
PSI's know-how in
development, engineering,
operation and maintenance of
particle accelerators and
large research facilities

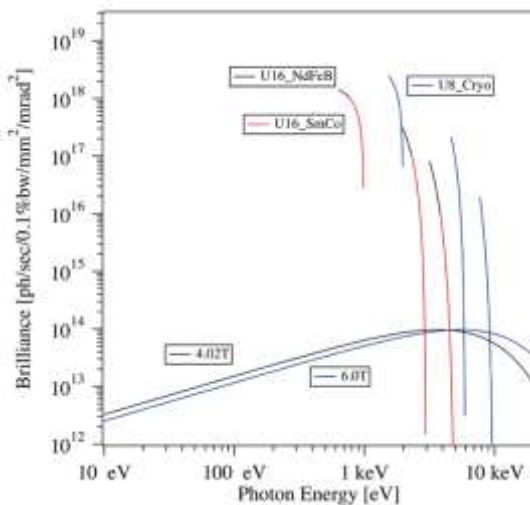


PARK INNOVAARE

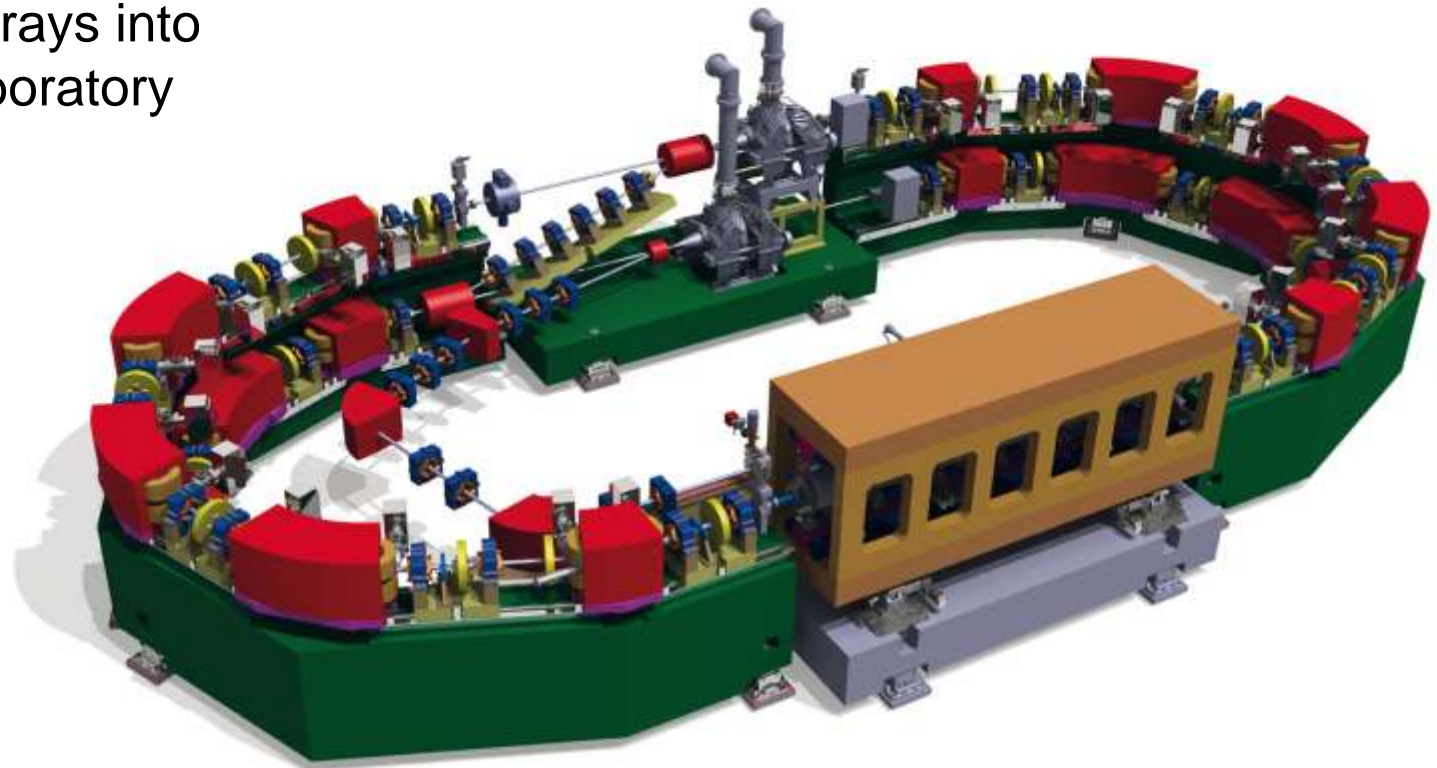
Proof of concept



Bring Synchrotron X-rays into
your Factory and Laboratory



Copyright: AAT,PSI



PARK INNOVAARE

Facts about us

- **Missions**

Creating a platform for R&D collaborations between industries and academies and thus accelerate innovation

- **Strong Focuses**

Driven by the PSI's expertise, focus on Accelerator Technology, Advanced Materials and Processes, Humans and Health, and Energy

- **The deliveryLAB** (and future building in 2020)

Attractive conditions and services for research groups and start-ups to develop

- **Strong incubational network**

PSI Technology Transfer, Aargau Services, Hightech Zentrum Aargau and a community of 28 industrial shareholders