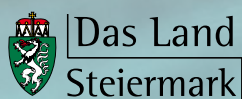




SILICON AUSTRIA LABS

The Austrian Research Center for Electronic Based Systems (EBS)





ELECTRONIC-BASED SYSTEMS (EBS)

The technological backbone of digitization

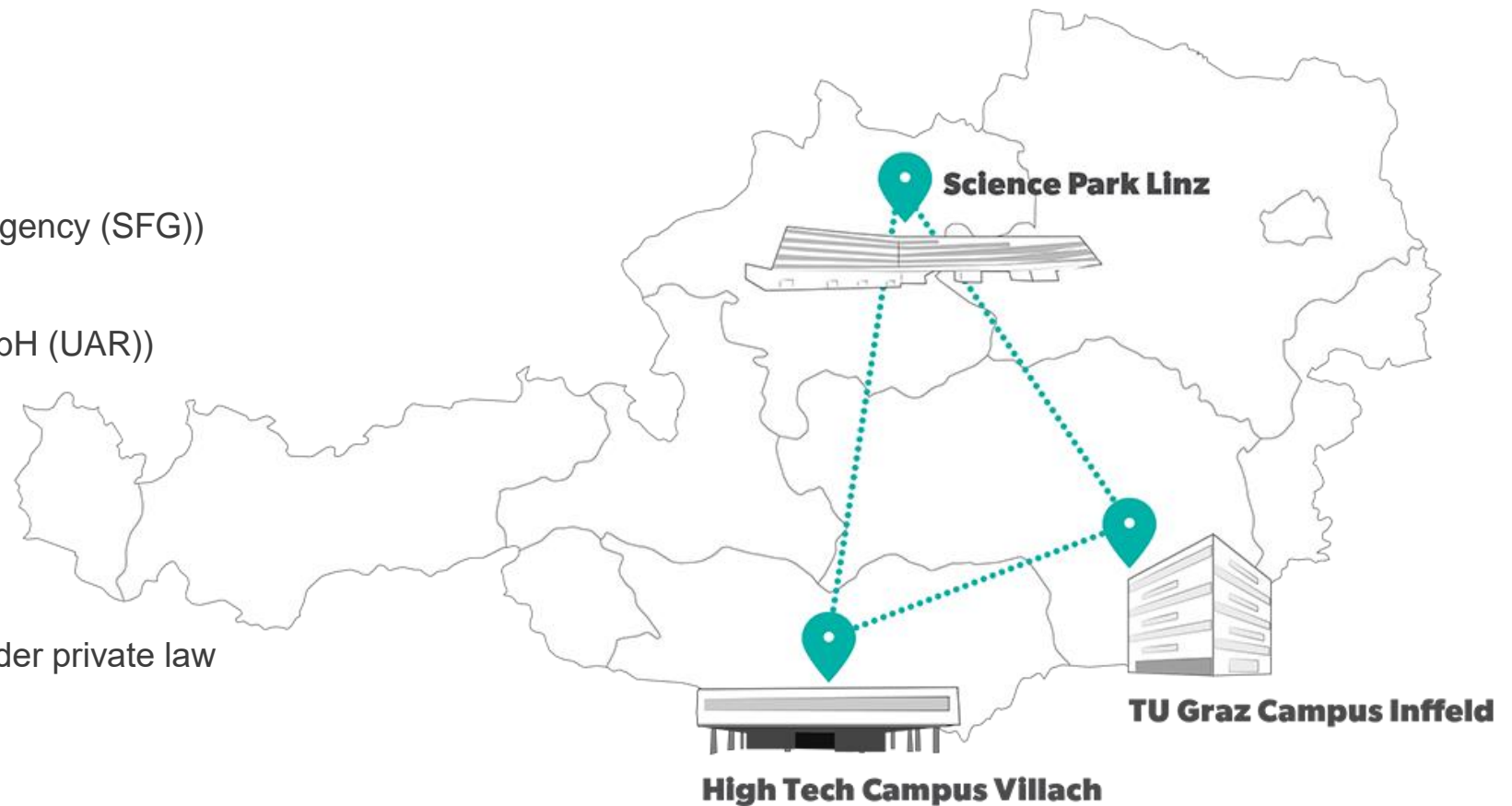
- ≡ are components, assemblies, and devices with microelectronics and nanoelectronics (hardware) as well as the software embedded in them.
- ≡ is laying the foundation for “smart” products and processes, such as for
 - ≡ industry 4.0
 - ≡ autonomous driving
 - ≡ personalized medicine
 - ≡ internet of things
 - ≡ cyber-physical systems
 - ≡ artificial intelligence
 - ≡ and many more.

SHAREHOLDERS & FINANCES

Silicon Austria Labs as a dependable, powerful R&D partner!

- ≡ 50.10 % Republic of Austria
- ≡ 24.95 % Industrial Association (FEEI)
- ≡ 10.00 % Federal state of Carinthia
- ≡ 10,00 % Federal state of Styria
(Styrian Business Promotion Agency (SFG))
- ≡ 4.95 % Federal state of Upper Austria
(Upper Austrian Research GmbH (UAR))

- ≡ LLC (in German “GmbH”), organized under private law
- ≡ **Growing to 360 researchers by 2023**





EMBEDDED SYSTEMS

enable smart interactions

stock photo purchased by SAL



SENSOR SYSTEMS

sensory organs of digital life

photo by rawpixel from freepik



SYSTEM INTEGRATION

combine different things at the best

photo by SAL



photo by senyapello from freepik

POWER ELECTRONICS

convert energy efficiently



photo by vanlajan from freepik

RF SYSTEMS

enable wireless connectivity

SAL COOPERATIVE RESEARCH

bilateral/multilateral consortia

Singular Research:

€ 100 k Company expenses

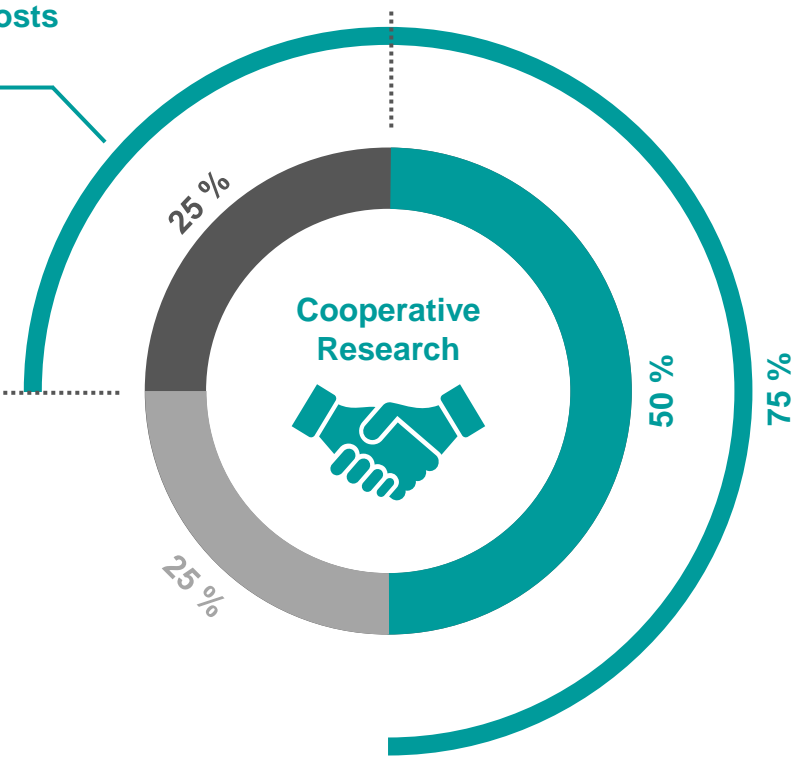
Cooperative Research:

€ 100 k Company expenses
€ 100 k Co-financing by SAL

€ 200 k Project Volume

**Doubling of
project volume**

€ 150 k expenses on SAL's side amounts to approx. 1,360 personnel hours* at actual costs and € 10,500 direct material costs** etc.



WHAT CHARACTERIZES THE “SAL COOPERATIVE RESEARCH”?

€ 50 k In-kind contributions by company
€ 50 k Cash by the company
€ 100 k Co-financing by SAL (in-kind contributions)

€ 200 k Project Volume

* including the use of the whole basic infrastructure / ** excluding potential cleanroom costs / *** effective financing contributions are defined case by case

BENEFITS WITH SAL

Are you still waiting, or are you already innovating?

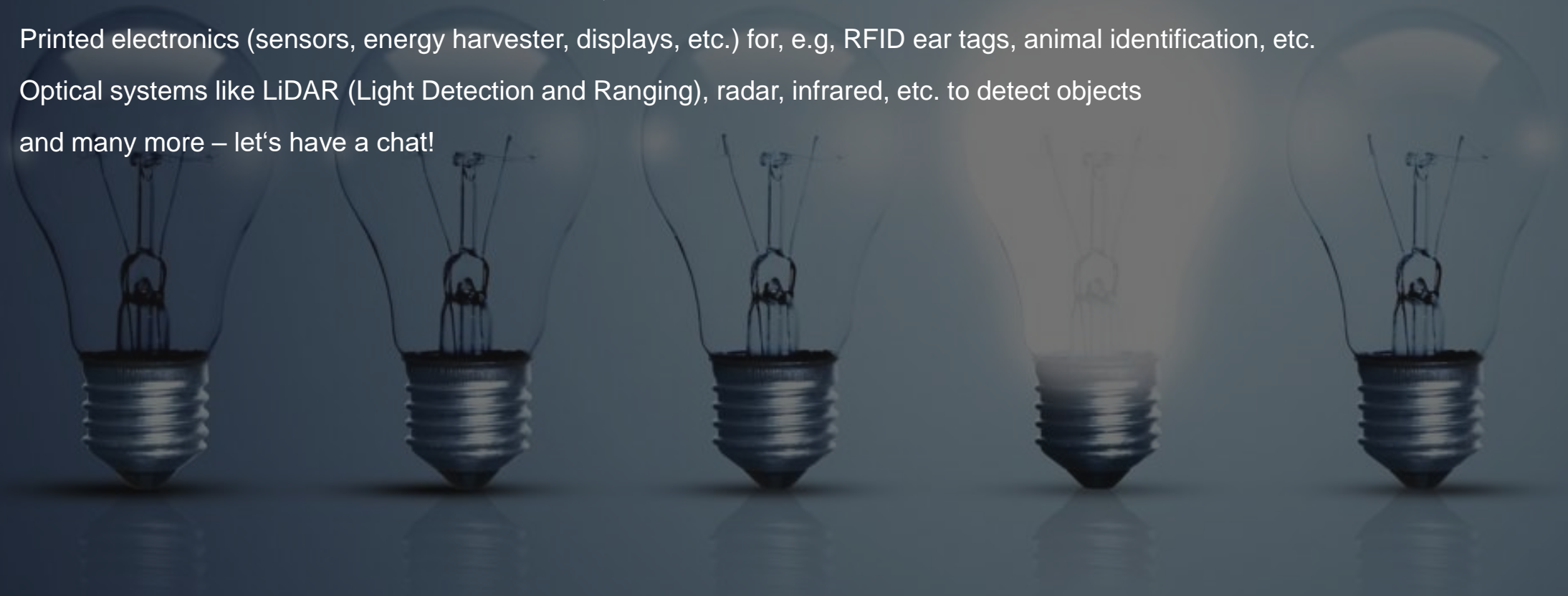
- ≡ No “funding jungle”, only one model
- ≡ not tied to a company size or an industry sector
- ≡ no need to write an application
- ≡ no deadlines
- ≡ fast and unbureaucratic realization
- ≡ project management by SAL



SOME IDEAS

Unfold your future

- ≡ AI for precision farming, intelligent spraying, predictive analytics, to detect animals / obstacles, etc.
- ≡ Sensors to monitor, e.g, the soil moisture, control micro-climate conditions, detect pesticides, etc.
- ≡ Predictive maintenance for machines like tractors, etc.
- ≡ Printed electronics (sensors, energy harvester, displays, etc.) for, e.g, RFID ear tags, animal identification, etc.
- ≡ Optical systems like LiDAR (Light Detection and Ranging), radar, infrared, etc. to detect objects
- ≡ and many more – let's have a chat!



UNFOLD THE FUTURE

WWW.SILICON-AUSTRIA-LABS.COM