

Plattform „Digitalisierung und regionale Entwicklung“, 13. November 25
Swiss Smart Factory: Leading Switzerland's Way
towards Smart and Sustainable Manufacturing

Dr. Dominic Gorecky

Head of Swiss Smart Factory

Partner & Executive Board Member SIPBB

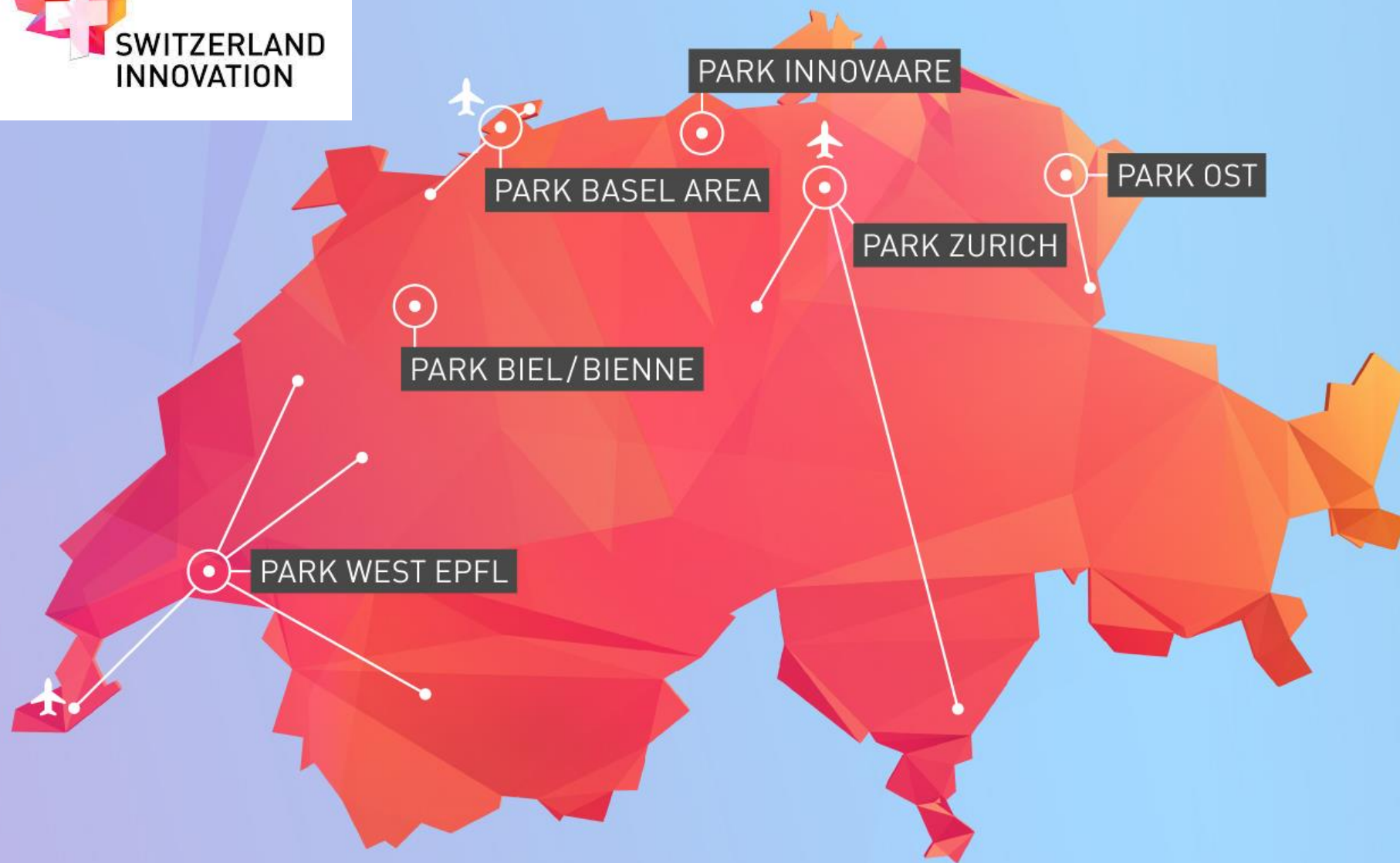
President of the Board “Swiss Robotics Competence Center” (S3C)

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SWITZERLAND
INNOVATION



City of Biel/Bienne

High-Value Manufacturing Hub



...and many more!

New Facility of SIPBB

Bring together, what belongs together

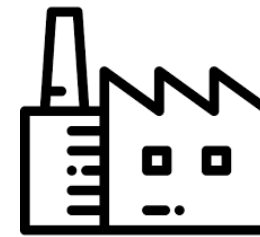


4x Research Centers

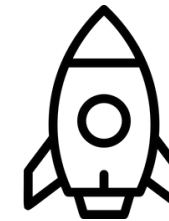


~40 empl.

Big Players / SMEs / Start-ups



INDUSTRIE
~250 empl.



START-UPS
~100 empl.

Science & Education



~10 empl.



~100 empl. + Students



One-Stop-Shop

>100

State-of-the-Art
Technology
Solutions

>1000
m²

Test-before-
Invest
Environment

>70

Advanced
Technology
Partners

>100

Workshops
per year



Certified Training and
Certification Centre



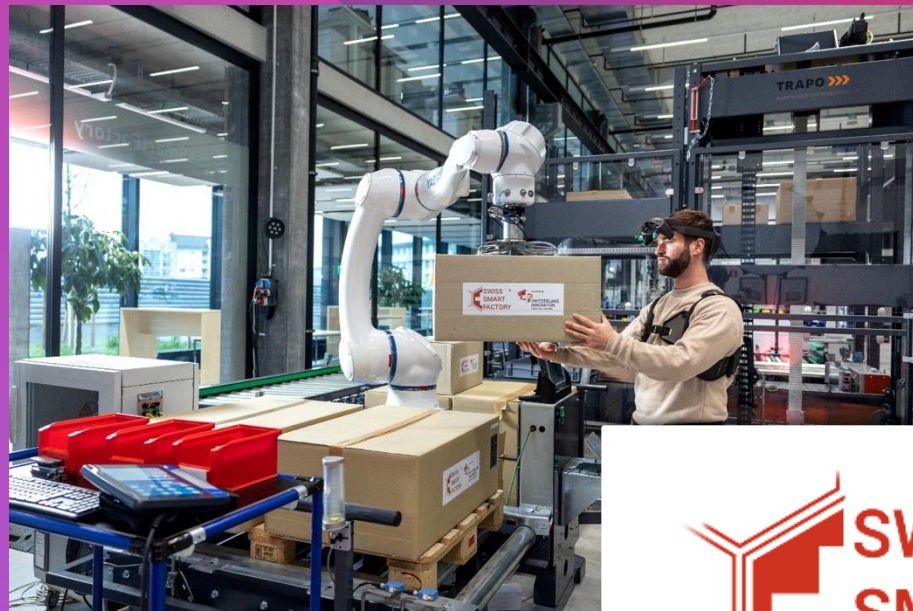
Welcome to the
SWISS SMART FACTORY

Our Members I



Our Members II

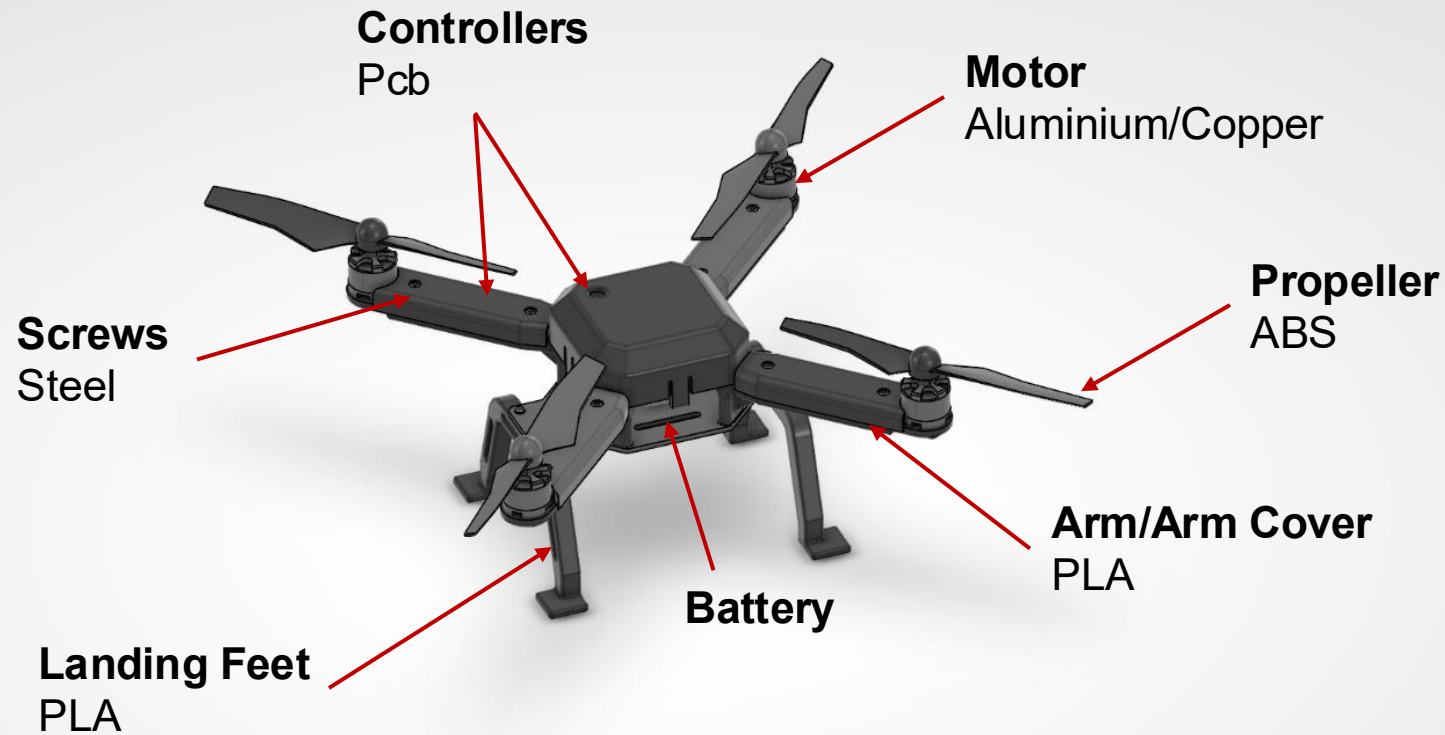


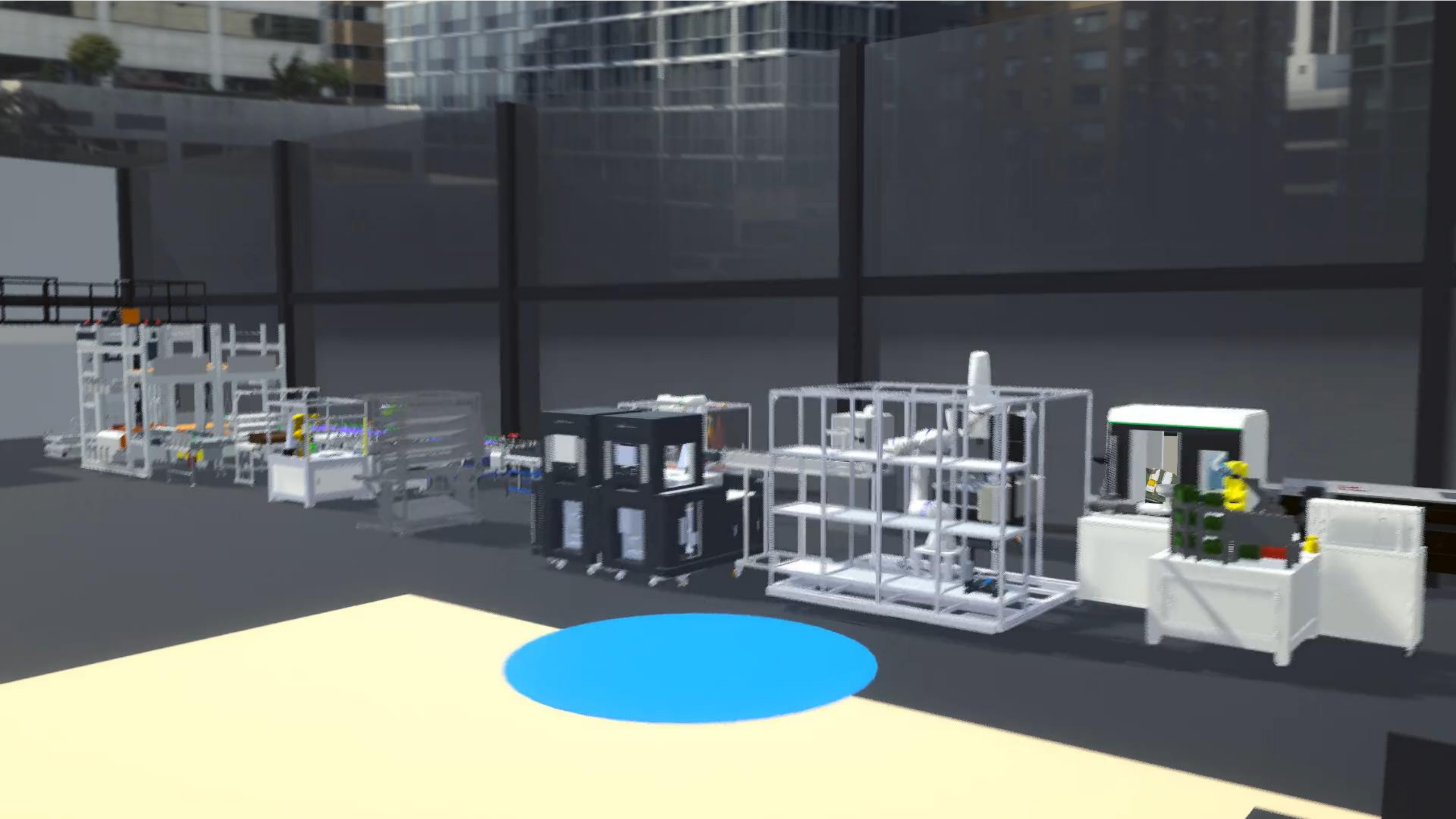


Test, demonstrate, train and innovate

The Product

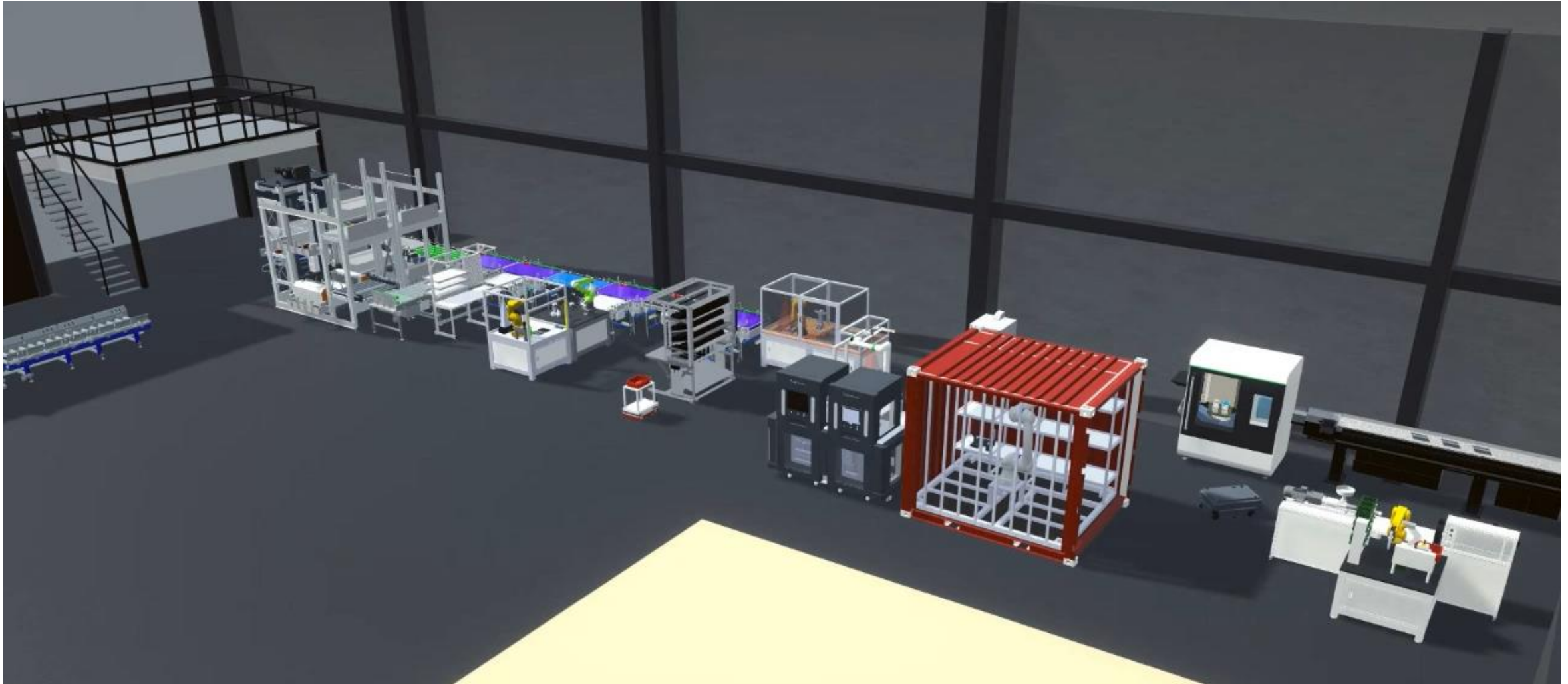
SSF Drone Lighthouse Factory





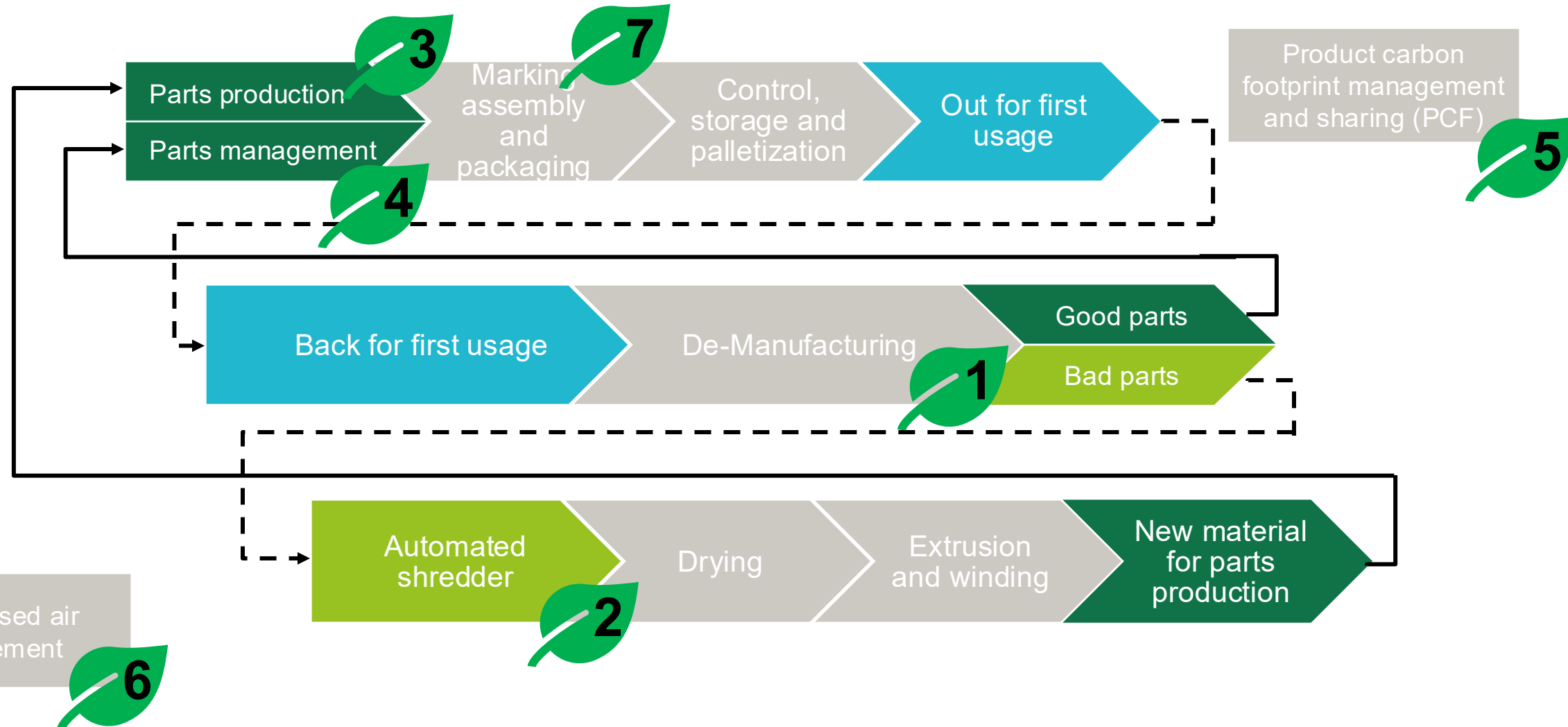
The Sustainability Process

SSF Drone Lighthouse Factory

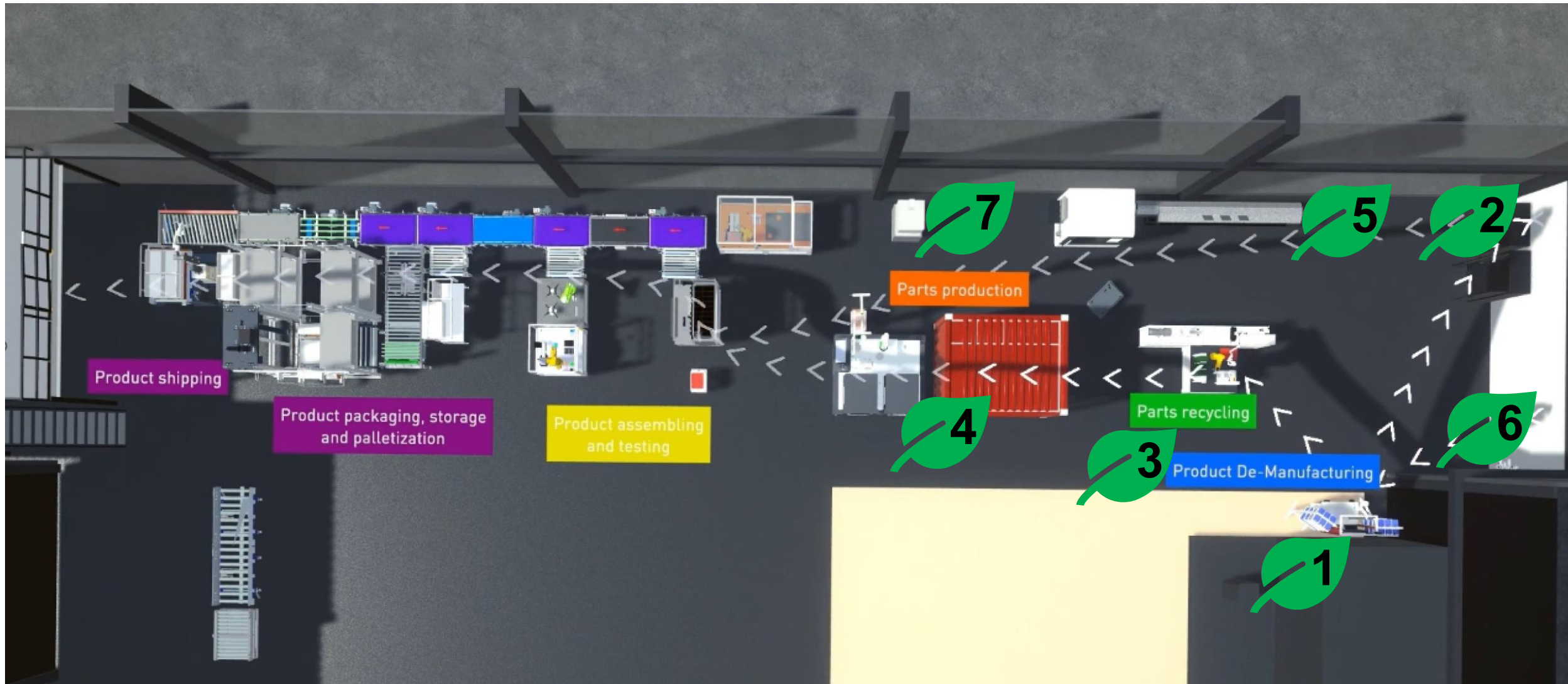


The Process

SSF Drone Lighthouse Factory



The Sustainability Tour



Key Sections – Compressed air energy



5 Management SMC AMS



TODAY WE PRESENT YOU OUR COMPRESSED AIR
INSTALLATION INSTALLED AND INTEGRATED WITH...

BALLUFF

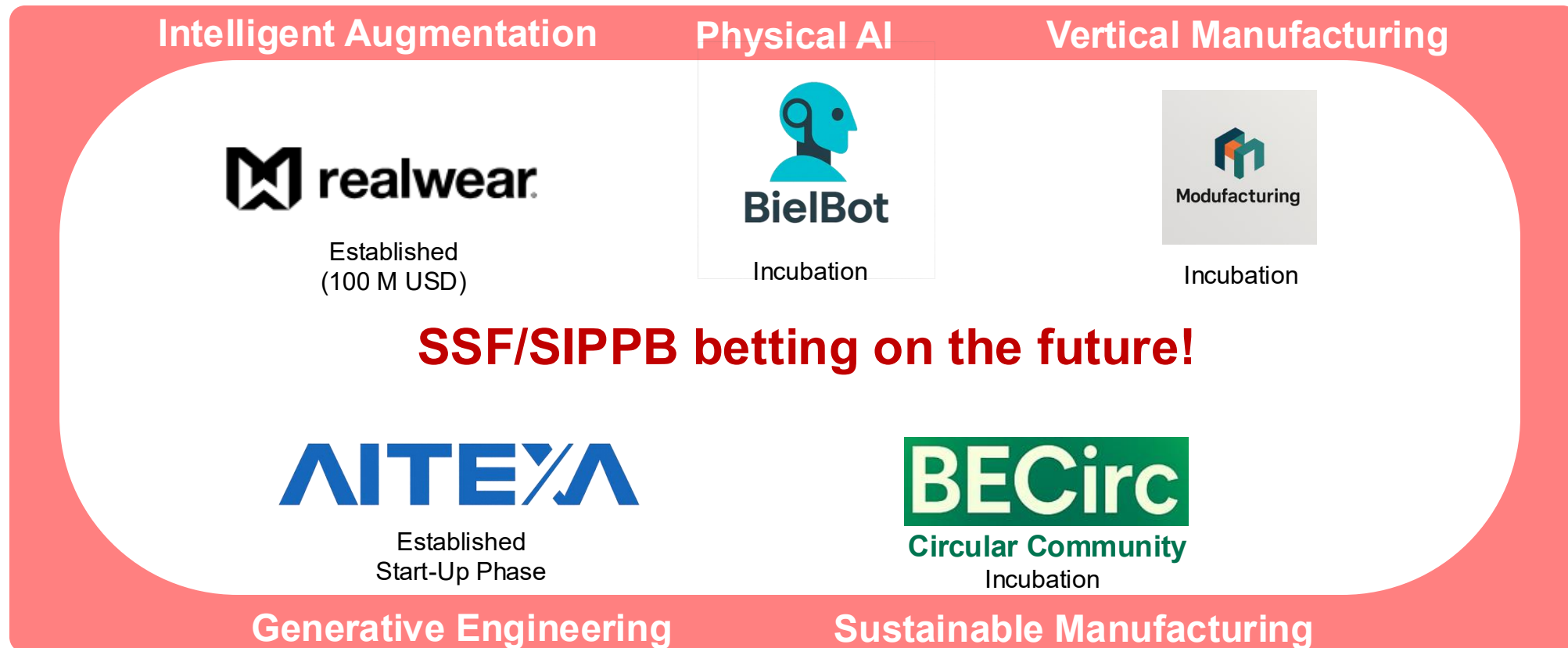


hilscher



... FOR THE LIGHTHOUSE PROJECT 4.0

SSF Industry 5.0 Start/Scale-up Portfolio (Planned)



International Smart Factory Academy



Learn from cutting-edge leaders in industry and technology.



Experience hands-on training in innovative learning programmes.



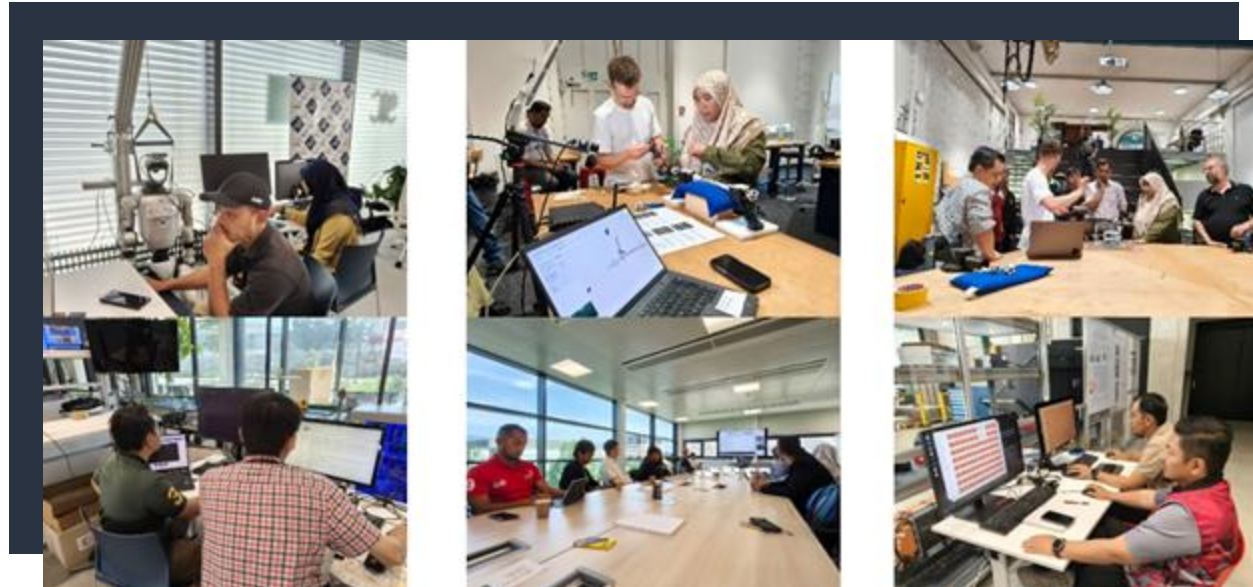
Acquire all the skills and competencies needed for the future of manufacturing.



Join a network of international leaders and decision-makers who are ahead of the curve in manufacturing trends.



International Smart Factory Academy

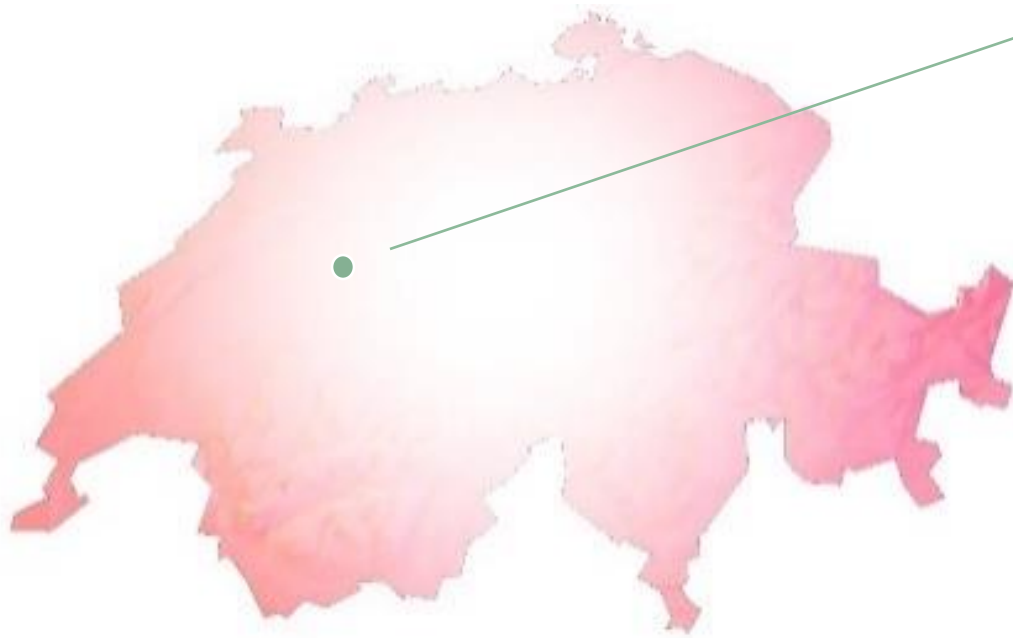


“Train-the-Trainer” Artificial Intelligence – Technology Immersion Program

1 week in Malaysia
3 weeks in Switzerland



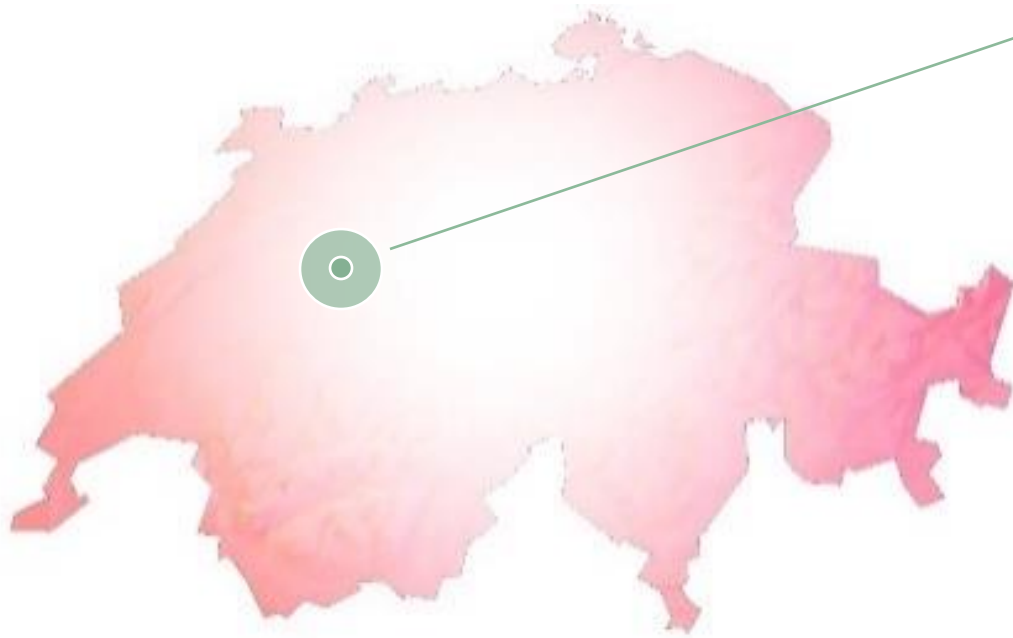
SSF-Vision



SSF-Vision

→ Creation of a Lighthouse-Factory as
a center of a “One-Stop-Shop”

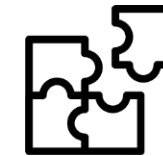
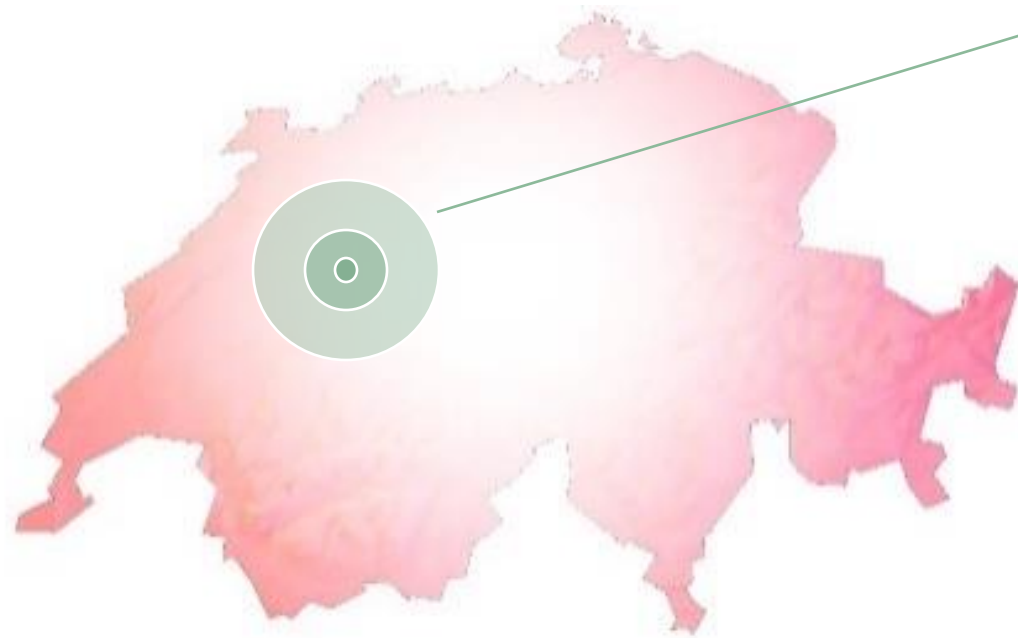
SSF-Lighthouse-Infrastructure



SSF-Lighthouse-Infrastructure

→ Pulling in relevant partners

SSF-Partner-Network

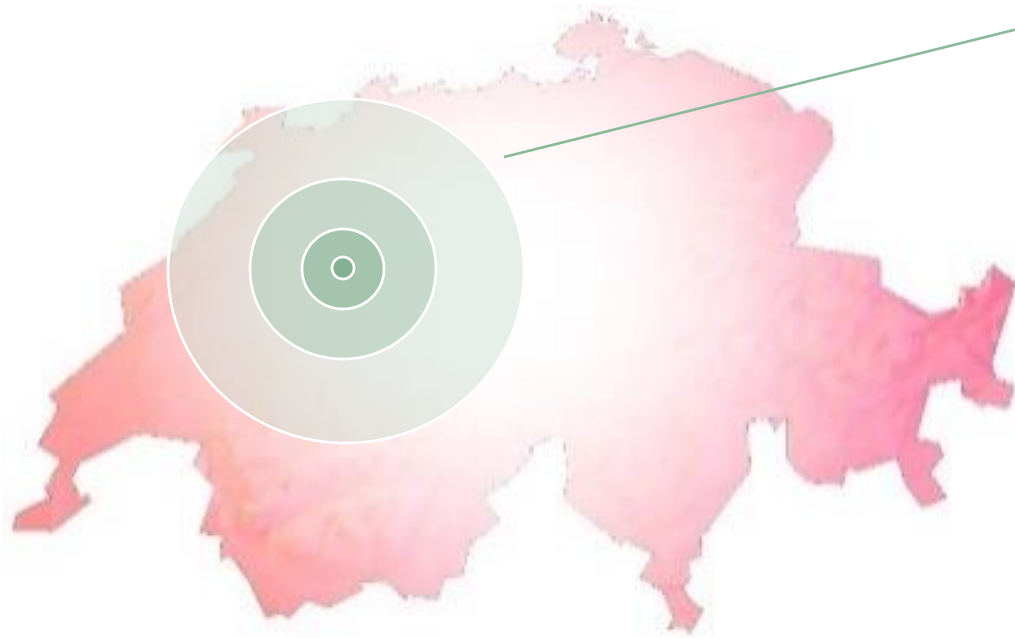


SSF-Partner-Network

- Supporters (financial, expertise, reputation)
- Technology experts and hw/sw sponsors
- End-users and “reflection” partners
- Project partners, clients, lobby ...

- Big Players
- SME
- Startups
- National / International

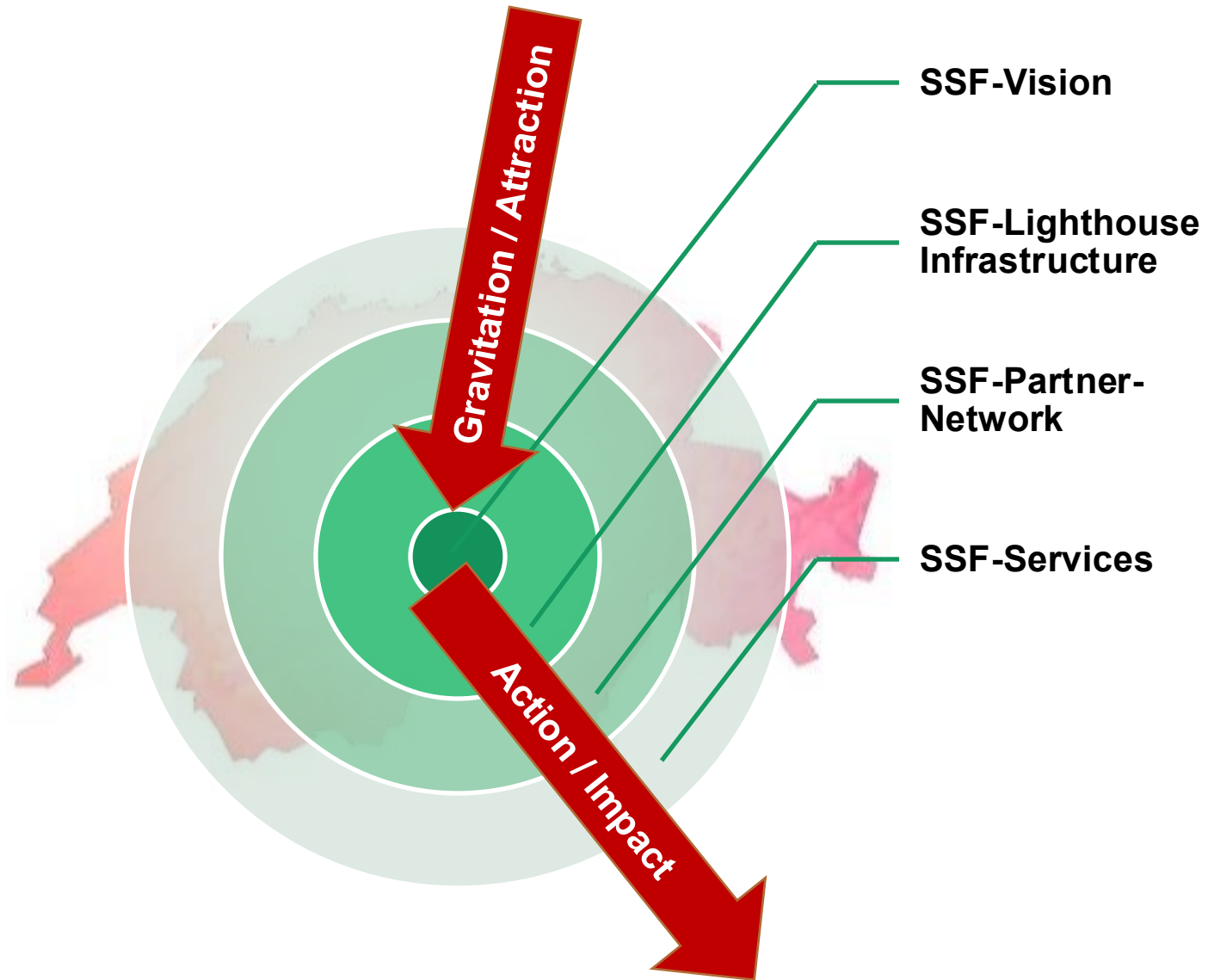
SSF-Partner-Network



SSF-Services

- Technology & Innovation
- Training & Workshops
- Assessments & Consultation
- Marketing & Events

SSF-Model



“Go big or go home”

“Seeing is believing”

**Technology Supermarket /
Training gym
(→ trust and capability building!)**

**“You draw the big picture; your
partners are the puzzle pieces”**

**Your partners must find you,
not the other way around.**

**“Do not reinvent the wheel –
but you might add WIFI to it” ;)**

**Address white spots in the service
landscape /
Understand the needs of the
industry and act accordingly.**



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Welcome to the
SWISS SMART FACTORY

Is the SSF Model a success model or role model for others?

Maybe. What is good?

Quick ramp-up and gain of reputation.

Robust partner ecosystem with network effects.

Driven by industry, less by public money (compared to international benchmark).

Pay-back by market impact and success (new products, successful startups, talents, spread of knowledge)

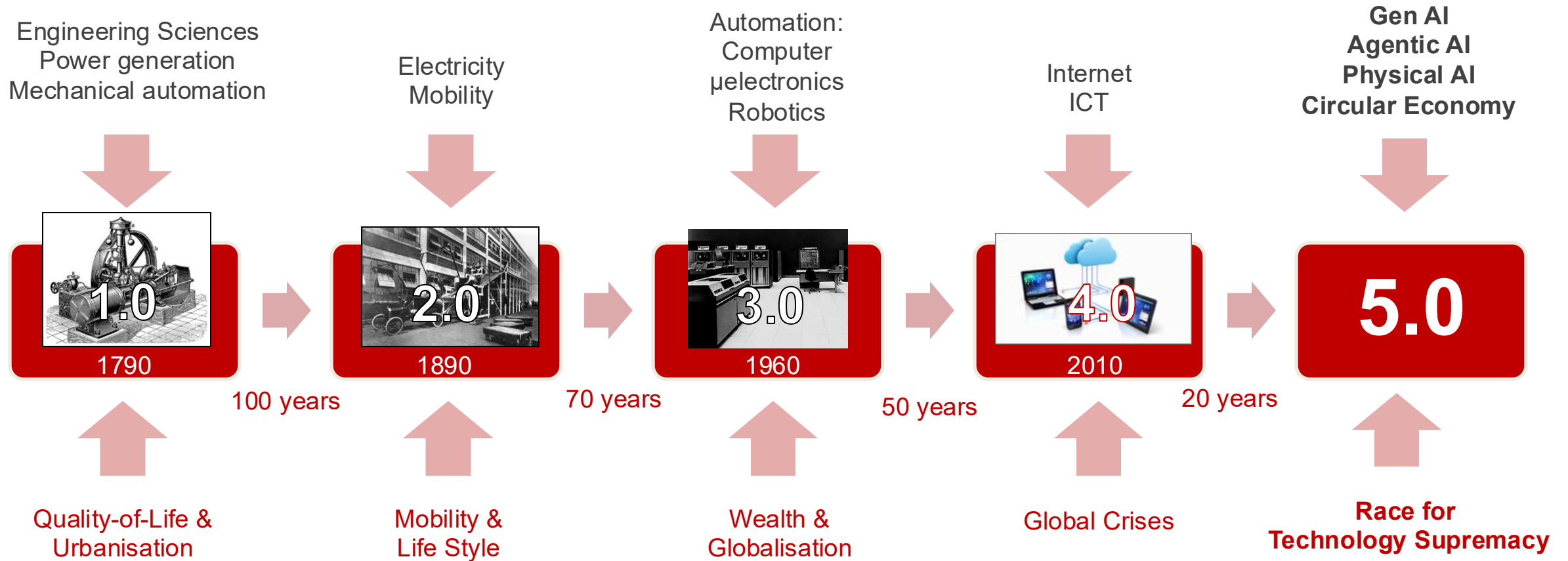
Good level of talents with deep technological capabilities and motivation.

What needs improvement?

Heavy investment in future tech/deep tech.



The Evolution of the Revolutions



Adopted from Prof. Detlef Zühlke

Technology Trends around the World



Smart Factory Events – Towards Industry 5.0



SWISS SMART FACTORY

SWITZERLAND INNOVATION PARK BIEL/BIEUNE

UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION
Progress by innovation

INTERNATIONAL SMART FACTORY SUMMIT

11th – 13th June 2025

At Switzerland Innovation Park Biel/Bienne

GET YOUR TICKET NOW

GET YOUR TICKET NOW

Park Biel/Bienne
At Switzerland Innovation
11th – 13th June 2025

7th International Smart Factory Summit
24th-26th June 2026

1st INTERNATIONAL HUMANOID FORUM

SWITZERLAND

THE FUTURE OF HUMANOID ROBOTICS:
INNOVATION AND COLLABORATION

20th-21st February 2025
Switzerland Innovation Park
Biel/Bienne, Switzerland
Biel/Bienne, Switzerland
Switzerland Innovation Park
20th-21st February 2025

INNOVATION AND COLLABORATION
THE FUTURE OF HUMANOID ROBOTICS:

2nd International Humanoid Forum
19th-20th February 2026

INTERNATIONAL SMART FACTORY SUMMIT

https://www.youtube.com/watch?v=IEw4I8-_HDY

SSF Open Day.

10.12.2025

Switzerland Innovation
Park Biel/Bienne



REGISTER NOW!

- 1000 m² Demonstration
- 40 Exhibitors
- Lighthouse Factory tours

