



DE LA RECHERCHE À L'INDUSTRIE

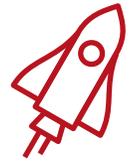
Technology infrastructures as key enabler for a successful EU Chip's Act impact

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Created in **1967** in Grenoble, France
2,000+ people in 2021



3,000+ patents in portfolio
72 startups created over 20 years
4000 new jobs



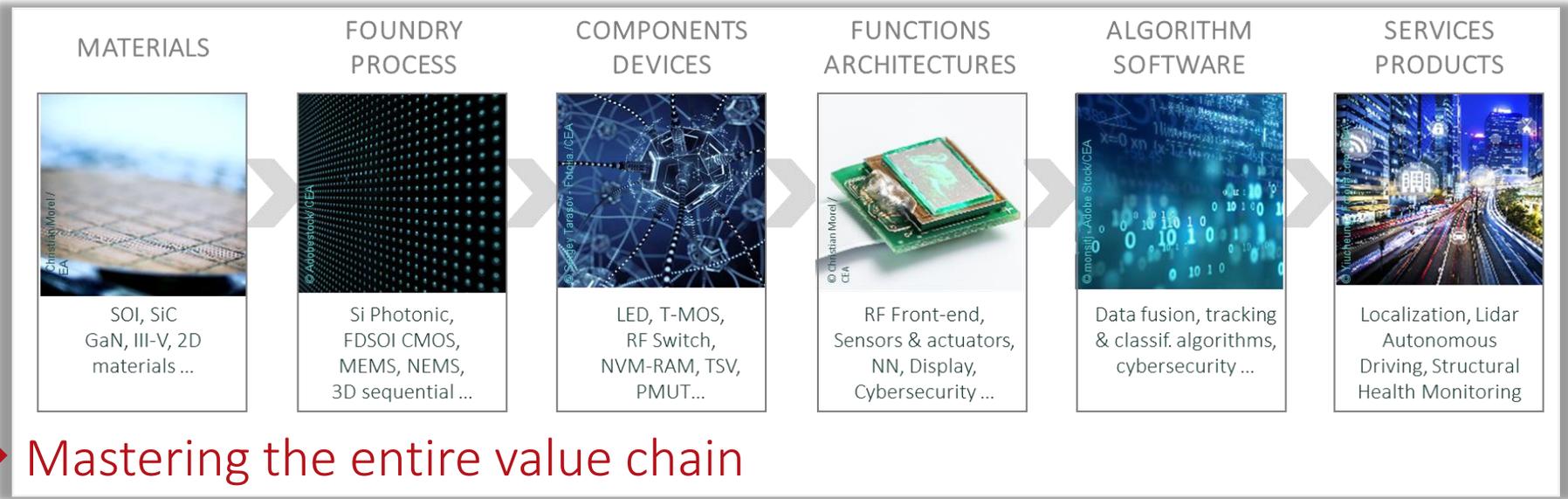
500 state-of-the-art tools
11,000 m² of cleanroom space

330M€ of budget (85% from contracts)

World class
technology infrastructures
@Grenoble



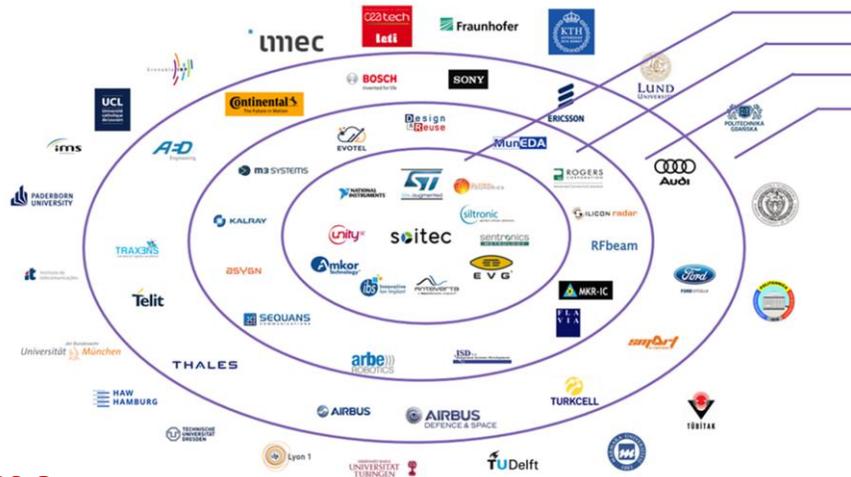
World class technology infrastructures @Grenoble



e.g. Regional :42k People in Digital sector µelectronics; imaging; displays



e.g. supporting FDSOI development



e.g. contributing to the EU ecosystems



→ Nurturing complete ecosystems

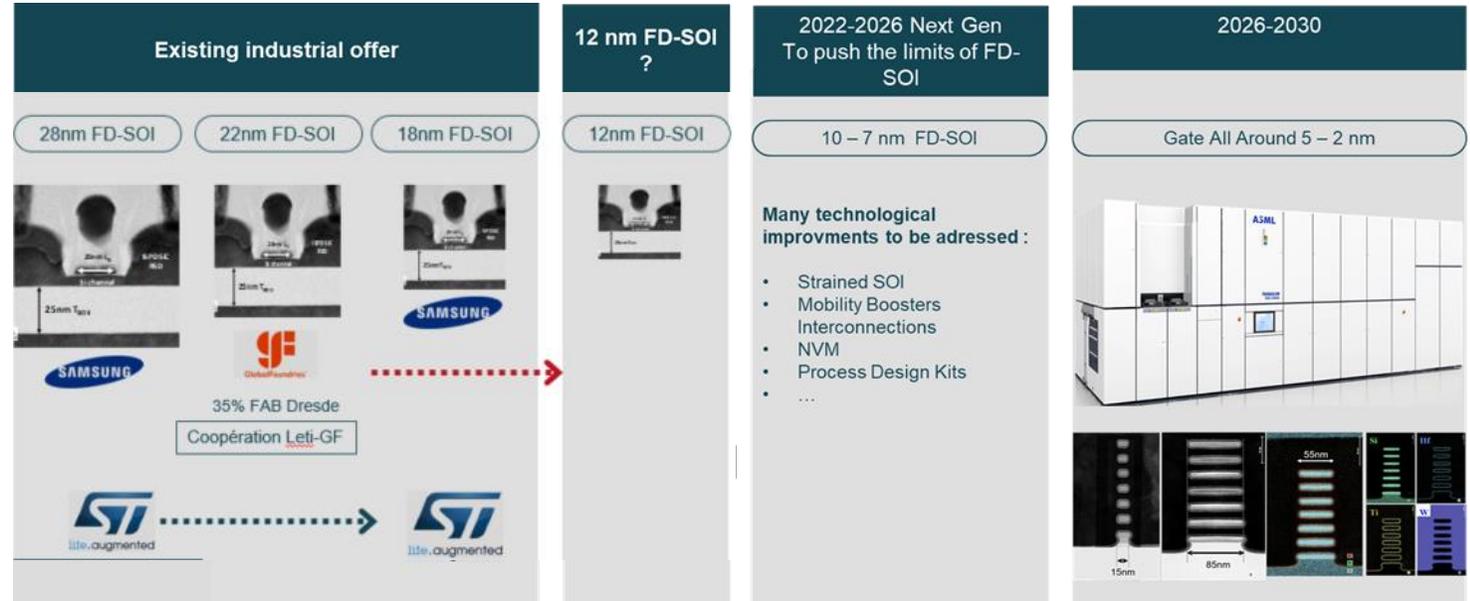
3 complementary Pilots lines to build the ambition of Europe in the next decade

Example of the 10 nm FDSOI and beyond CEA Pilot line

RTO alliance for technology and innovation leadership

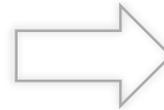


Markets to be addressed: Automotive, 5G/6G, Health, Industry...



RTO's Topics of joint action (under discussion)

- Devices models
- Design enablement
- Low energy computing
- ...



Expected benefits of the Pilot line

- Enhanced support to industry ecosystems
- Easy and open design environment
- Mastering the N+2 and N+3 gen in EU, and the corresponding IPs
- Exploration of disruptive technologies (Neuromorphic, Quantum, ...)
- Prototyping & testing innovative design and system integration

- Next step in RTO's cooperation supporting EU industry players
- Acceleration of EU innovation via efficient Lab2Fab processes & tools