

Gateway to Swedish ICT in EU

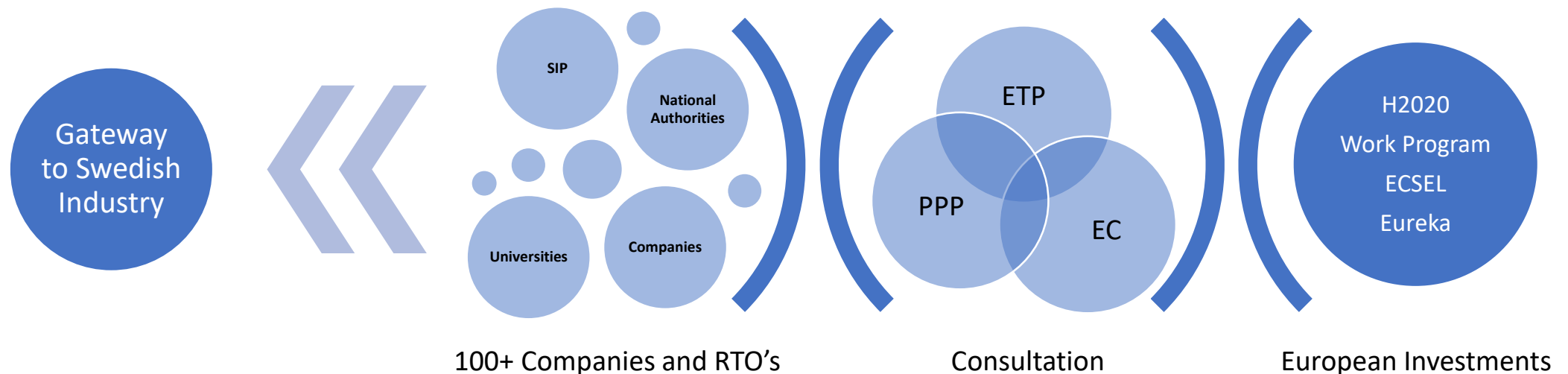


DIGITAL SWEDEN

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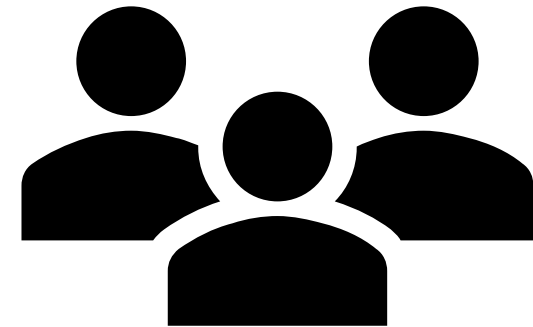
Digital Sweden

- Supporting Internationalization for the Swedish ICT, Electronics & Automation Business
- Influencing Europe by Operating within existing structures (ETP/PPP)
- Promoting Networking with Swedish Stakeholders
- Experts with long Experience from International Cooperation and European Funding System



Digital Sweden - Overview

- Collaborative Cluster of
 - 10 Stakeholders in Sweden
 - 4 Strategic Innovation Programs (national PPPs)
 - 12 professionals, “EU” experts
- Focusing on Electronics, ICT and Automation
- Participation in 16 ETPs, JUs, EUREKA clusters and cPPPs
 - Board level
 - Management boards
 - SRA
- Advocating Swedish Industries Innovation Priorities
- Advocacy is based on SIP strategies (SIO, Agenda, Roadmaps, Reports, etc)
- Represented in Brussels by Charlotte Andersdotter
- Promoting international collaboration
- Advisory group to Swedish Public Authorities
- Forum for information exchange, analysis and learning



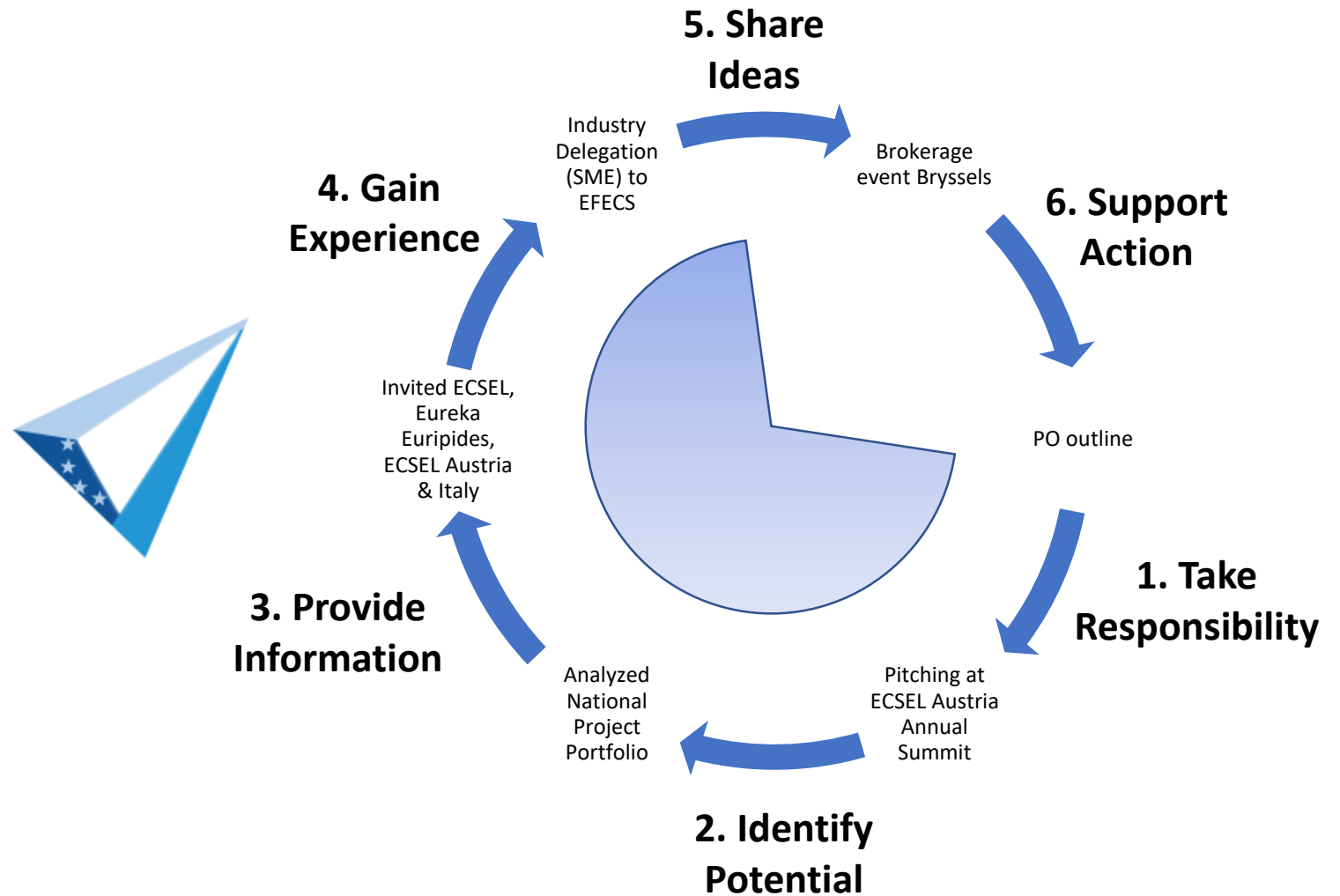
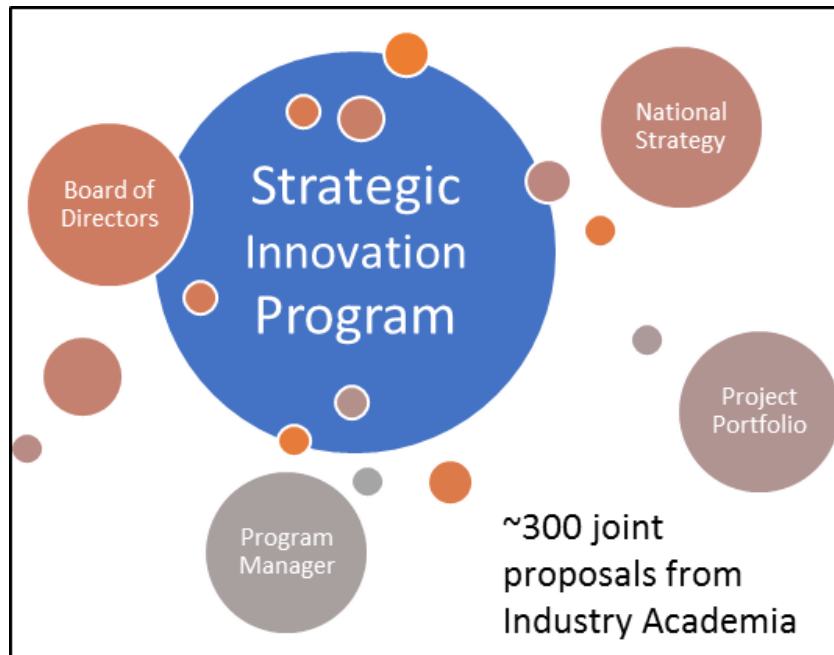
ECSEL Projects with Swedish Participation

- Budget
 - 5,5 MEUR
 - ~30 k€ for coordination a proposal
 - ~30 k€ annually for project coordination
- Approval rate: ~35%
- Generally underspending of national budget

	2017	2018
Unique Organizations (3600 companies, 50k employees)	39	38
Projects with Swedish Participation	16 (37)	12 (27)
Participation Rate	16/37 = 43%	12/27 = 44%
Projects with Swedish Coordination	2	1
Grants applied for	10 M€	14M€
Grants applied for / Available Grant	1.8	2.4
Approved Projects	4	4 (12 org)
Approved Budget	4.0 M€ (73%)	4.5 M€ (80%)

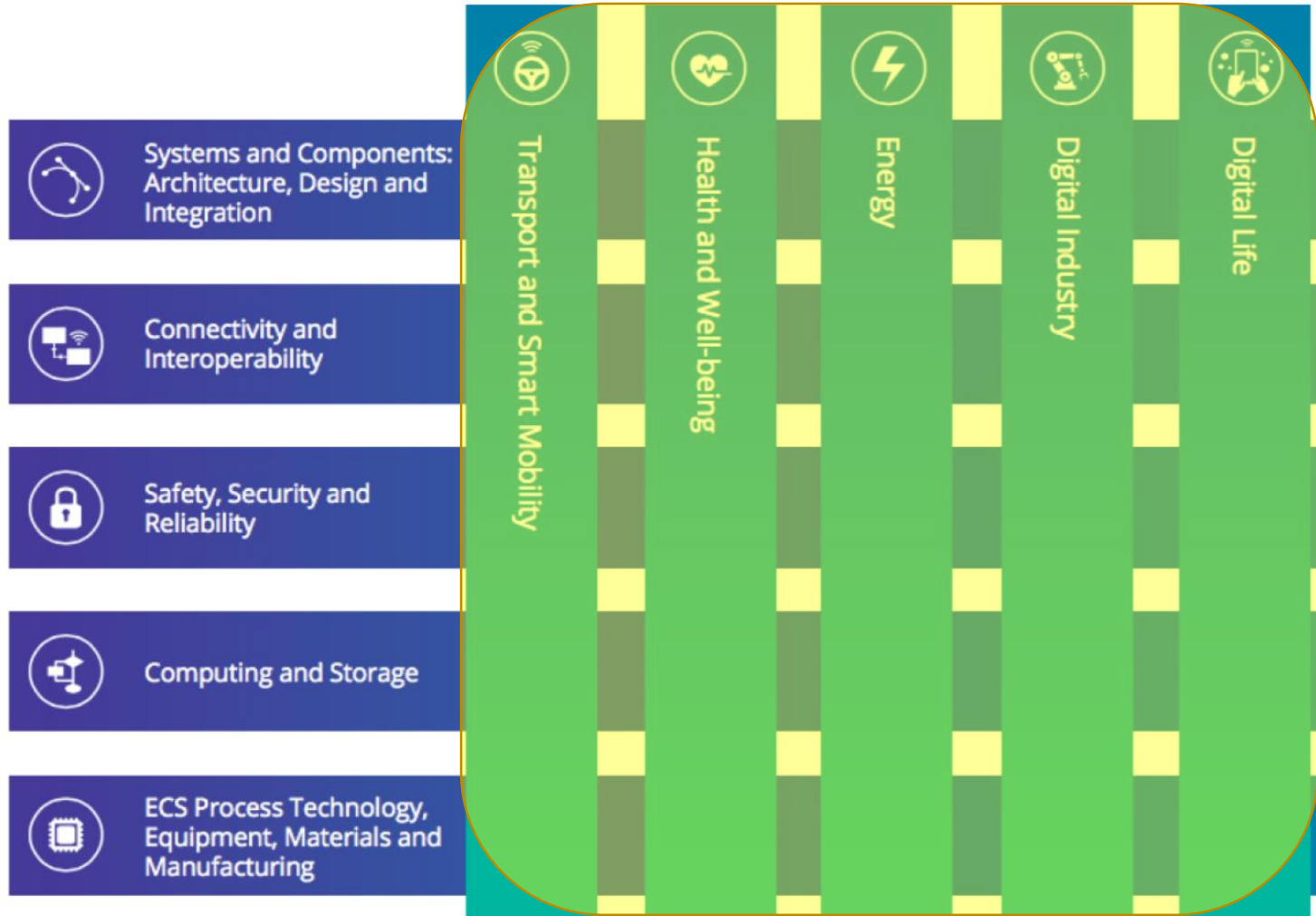
SIP Smarter Electronic System \leftrightarrow ECSEL & Eureka

National Ecosystem



The 113 Swedish ECS projects granted under SES 2014-18 - all over the ECSEL theme map

KEY APPLICATION AREAS



SES competence HUBs:

- ✓ Antenna, microwave and THz systems
- ✓ Printed Electronics
- ✓ Photonics
- ✓ Micro- and nano- electronics
- ✓ Embedded systems
- ✓ Advanced electronics production
- ✓ Power electronics
- ✓ Reliability in electronic hardware

extra HUBs:

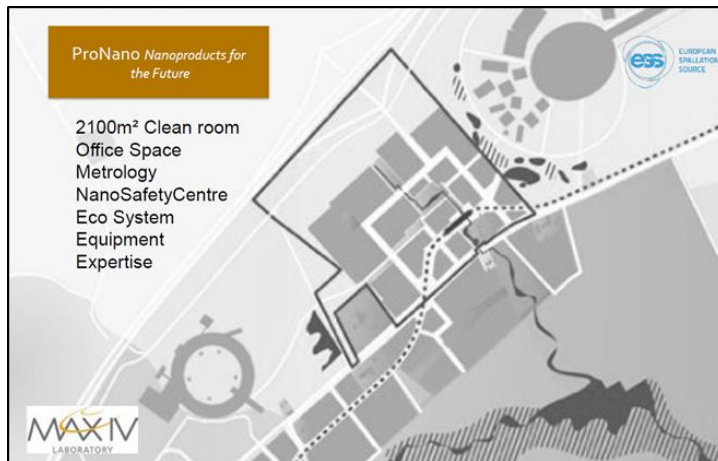
- ✓ Embedded sensor systems for health
- ✓ Integrated Circuits and systems

Examples of Swedish Companies in SIP network



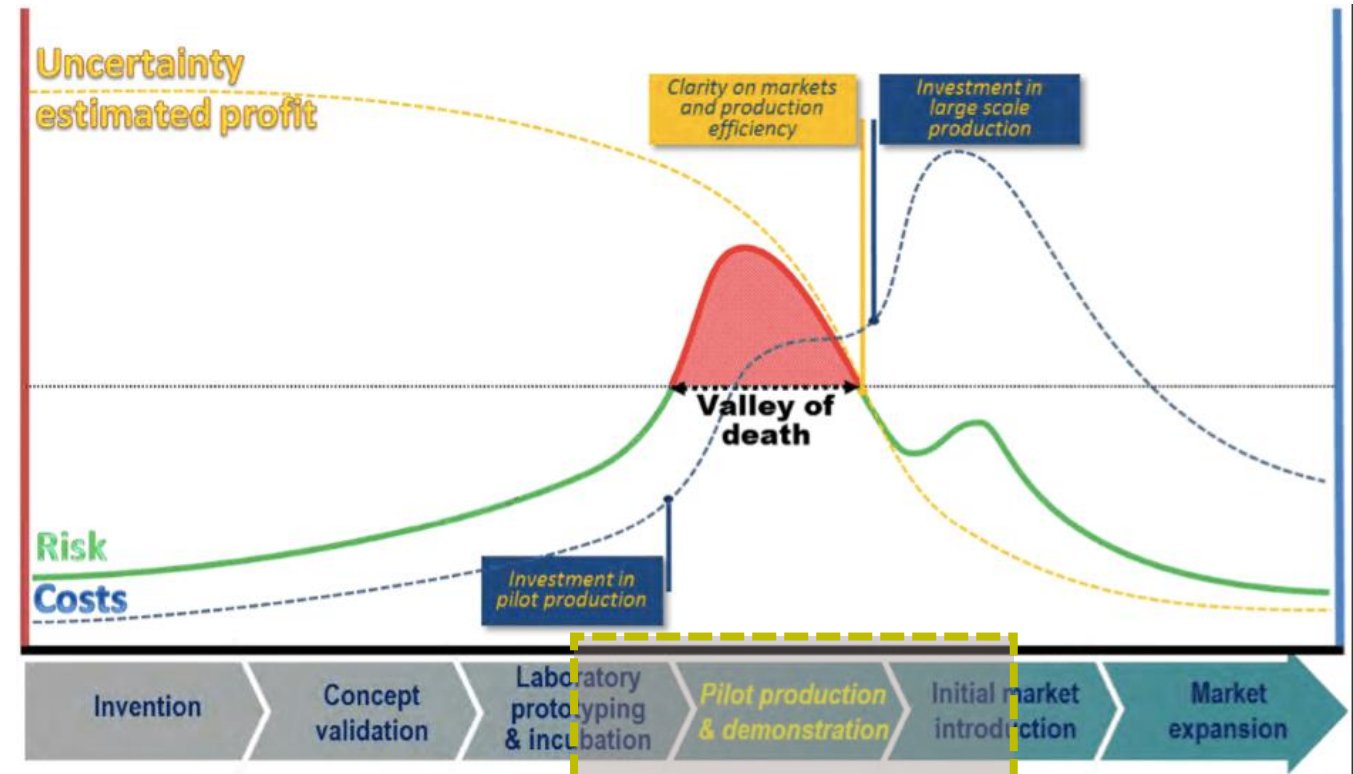
ProNano Pilot Facility

- Swedish Open Innovation Hub for Applied Nano- technology & Materials
- NanoPilot Manufacturing Center
- Commercialization of nanotechnology based products
- **First case: Nitride materials for power electronics & microLED**



PRONANO

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