Smarter Electronic Systems
-a strategic innovation programme to strengthen competitiveness of Swedish electronics sector

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Strategic Innovation Programmes
Strategic innovation areas

- Cooperation Industry - public sector - Academia (PPP)
- Strategic research and innovation agendas
- Strategic innovation programme

SES Founded in 2014 and running to 2026:
+ ~70 companies, total 107 organisations
+ adding >350 new organisations (Large Corps and SME and ROTs) through-out 2014-2022 calls
Smarter Electronic Systems (SES) – a Swedish ECS partnership program

- Cooperation Industry - Public sector - Academia

**Vision**
”by 2025 Swedish electronic systems enable a world-class Swedish industry ”

**3 challenges**
- Increased cooperation and efficiency in the value chains
- Further developed Swedish excellence
- Secure the provision of skills
Excellence

• Areas of Excellence
  • micro-nano electronics
  • power electronics
  • antenna, microwave and terahertz system
  • Sensors
  • photonics
  • printed electronics
  • embedded technology

Focus areas
• electronics packaging
• reliability
• advanced manufacturing technology
• Energy efficiency
  - green sustainable electronics
• Embedded intelligence
Our tools

- Yearly budget ~4.5 M€

- Program office
  - ~3(4) persons
  - OutReach project: Conferences, seminars, fairs
  - Reports and lobbying
  - Managing strategic projects
  - Internationalization

- Strategic projects
  - Activities of interest for many
  - E.g. Testbed for printed electronics and Smartare Elektronikhandboken

- Biannual open calls through Vinnova
  - Pre-studies (~3-5 MSEK/year)
  - Innovation projects (~30-40 (50) MSEK/year)
  - Next call opens Jan’23 | deadline March’23
Public funding for projects

Next opportunities

Research and Innovation projects SES2022:02
• Open January 2023
• Deadline 14 March 2023

Feasibility studies SES2023:02
• Open June 2023
• Deadline Sept 2023
Projects in open calls should contribute to achieve:

- Sustainable and profitable growth in Sweden and Swedish industry
- Strengthen industrial international competitiveness
- Swedish electronics systems contribute to transition towards a sustainable society - Contribution to SDG (AGENDA 2030 !)
  - energy efficiency
  - sustainable environment and health
  - growing population
Forming ~625 SWE ECS project proposals 2014-22

SMARTAREELEKTRONIKSYSTEM.SE
MISSION

STRENGTHEN
SWEDISH ECS COMPANIES PARTICIPATION IN
INTERNATIONAL (EU FUNDED) PROJECTS

PROMOTE ECS PROJECTS TO GO INTERNATIONAL

COLLABORATION WITH OUR SISTER ORGANIZATIONS WITHIN
THE ECSEL/KDT MIRROR GROUP NETWORK
CONTACT:

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responsibilities for Int’l activities:

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Thank you !
Följ oss och engagera dig!
- Prenumerera på nyhetsbrev
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