

An aerial night view of a city, likely Singapore, with a network overlay of glowing white lines and nodes connecting various points across the urban landscape. The city lights are visible in the background, and the network lines are prominent in the foreground.

BUSINESS FINLAND

ECSEL JU
5 Feb 2020
Non-Confidential



ECSEL Joint Undertaking (<https://www.ecsel.eu/>)

- A Public-Private Partnership (PPP) for Electronic Components and Systems (ECS) for funding research and innovation projects, mainly within the EU – and associated countries NO, CH, TR, IL
- Project scope: improving pan-European competitiveness and technology within the ECS industry
- Partly funded by the EU (1 / 1 funding i.e. EU puts in 1€ for each national 1€)

ECSEL time limit

- The 2020 call is the last one with the current scope and rules!
- In Horizon Europe ECSEL will be replaced by another instrument, currently under the name of KDT, Key Digital Technologies.
- Broader scope – photonics and embedded software
- More funds – the commission aims to double the funds

ECSEL calls for proposals

- Annual 2 phase call for proposals (PO + FPP)
- 2 project categories: Research and Innovation Action (RIA) and Innovation Action (IA). Additionally Flagships or Special Topics
- Total available funding available around 300 M€
- Proposed projects each year: 30 – 50; funded 15 - 20
- Number of participants / project: 10 – 80
- Number of countries / project: 4 – 20
- Project duration typically 36 months

ECSEL, national funding rules

- Companies are welcome to participate alone
- At least 2 Finnish companies must participate if Finnish research organizations (RTO) participate
- In RIA, RTO share must be $< 50\%$ of the total national budget
- In IA, RTO share must be $< 30\%$ of the national budget
- Allocated national annual funding for grants: 7M€

ECSEL, national funding rules, continued

- Funding rates:
 - SMEs' 35% (+ EU: IA 25%; RIA 30%)
 - LEs' 20% (+EU: IA 20%; RIA 25%)
 - RTOs' 38% (+EU 35%)
- Funding is based on grants in RIA
- Funding is based on grants in IA as well, but loans are possible for SMEs' and LEs' with really high TRL (Technology Readiness Level) projects

When to go for ECSEL funding

- Large number of participating countries and partners
- No fear of administrative overhead
- Pan-European impact
- High total costs, over 15M€
- Need to get into the network of the big European players
- Enough resources to pull it off

WORLD IDEAS

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