



**ECSEL-Austria Conference  
Vienna, 18/10/2021**

# **ECSEL Italy Mirror Group**

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# Why ECSEL Italy?



ECSEL Italy has been started with the aim:

- To facilitate / coordinate the participation of Italian industrial and academic research organizations to the Joint Technology Initiative ECSEL and H2020.
- To provide information and networking opportunities.
- To promote the financial and administrative support to ECSEL by Italian Ministries and Regional authorities.
- To coordinate with similar European initiatives like ECSEL Austria and Digital Sweden.
- To continue support under the KDT JU.



# What is ECSEL Italy?



- ECSEL Italy is formed by volunteers from Italian industrial and academic institutions involved in ECSEL.
- Partners of ECSEL Italy are members of the industrial associations supporting ECSEL, like AENEAS, ARTEMIS-IA (now INSIDE) and EPOSS and of the ECSEL PAB
- ECSEL Italy has been funded by participation in Horizon 2020 CSA's InSSlgt and 5E
- The administrative support is provided by AEIT-AMES.



# ECSEL funding (2014-2020)



In the period 2014-2020:

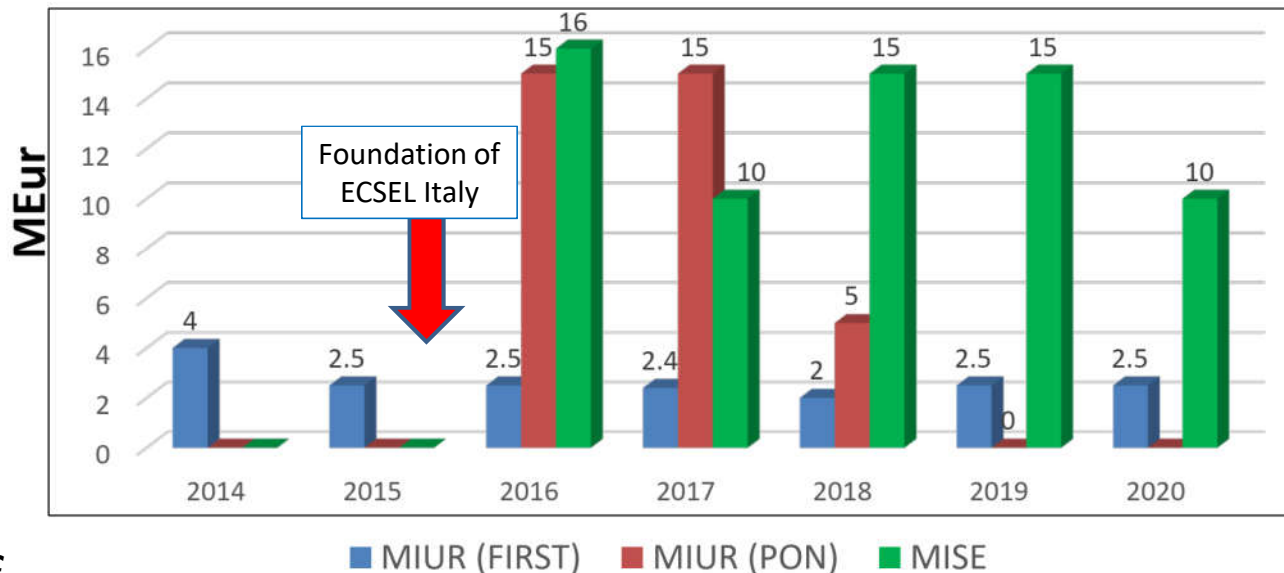
- 18,4 M€ by MUR,
- 66 M€ by MISE
- 35 M€ from structural funds.

(not all of which used)

Total funding = 174 M€

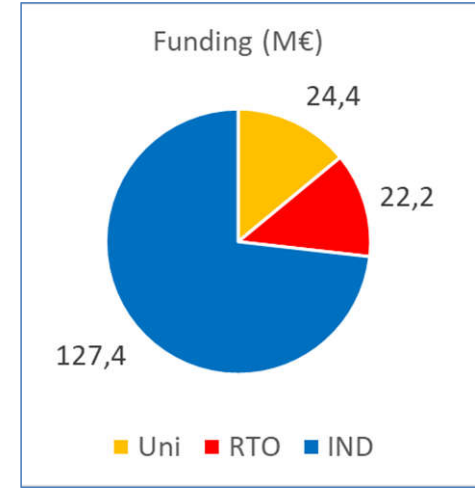
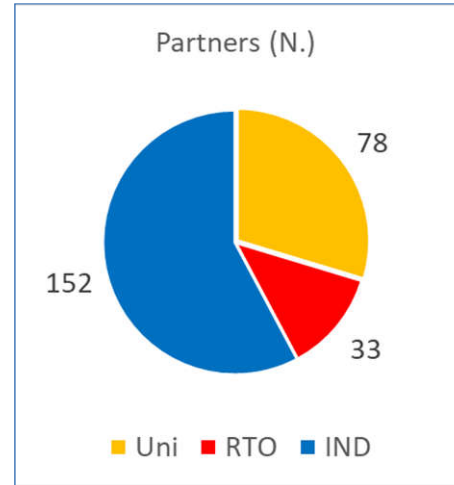
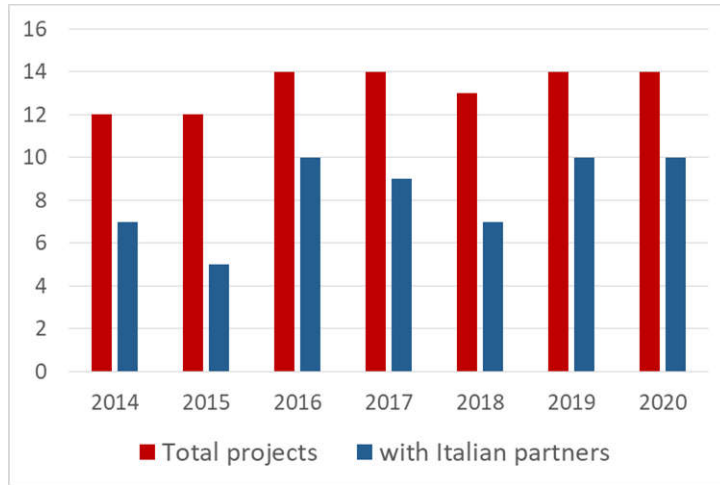
- Italian funding: 73,5 M€
- European funding: 85,6 M€
- Structural funds (PON): 15 M€

### ITALY Budget on ECSEL Calls: 2014-2020





# Italian participation (2014-2020)







In the period 2014-2020:

- there have been 253 Italian participations by 116 partners
- Italian partners in 59 research projects over 93 launched (8/13 on Safety&Security)
- Among the top 5 Italian participants, 4 are Universities and RTO









# ECSEL JU Calls 2020

## IA

Proposal	Coordinator	Country	Participants
TRANSFORM	BOSCH	DE	
StorAlge	STM	FR	
Energy ECS	TIETO	FI	
TRANSACT	PHILIPS MEDICAL SYSTEMS	NL	30
GaN4AP	DISTRETTO TECNOLOGICO SICILIA MICROE NANO SISTEMI		41
ID2PPAC	ASML	NL	28

## RIA

Proposal	Coordinator	Country	Participants
HiEFFICIENT	AVL	AT	
DAIS	RISE	SE	48
YESvGaN	BOSCH	DE	
AI4CSM	INFINEON	DE	
AI-TWILIGHT	SIGNIFY	NL	
AID0aRt	MAELARDALENS HOEGSKOLA	SE	
MATQu	FhG	DE	18
IMOCO4.E	SIOUX	NL	



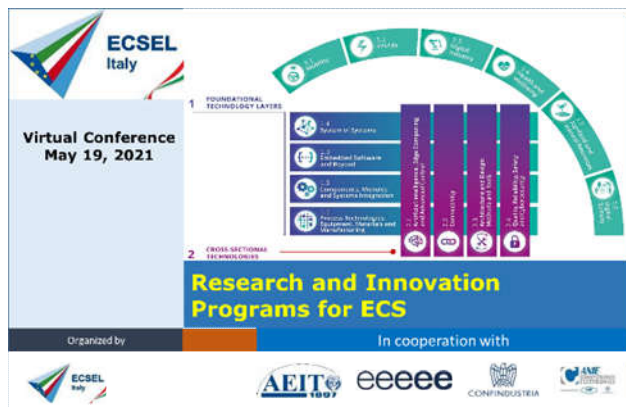
# ECSEL Italy Days



- The main promotion activity of ECSEL Italy has been the ECSEL Italy Day and brokerage event.
- Traditionally divided into two parts, with networking spaces:
  - Institutional presentations by ECSEL Office, funding Ministries and other agencies;
  - Presentations from brokerage events, other ECSEL Mirror Groups and collection of project ideas.
- Up to now, 4 such events have taken place, the last two with participation of ECSEL Austria and Swedish associations



# Activities 2021



- Due to the delay in approval of the KDT JU, no ECSEL Italy Day in 2021, but a virtual workshop of Research and Innovation Programs for ECS on May 19.
- Participation by Italian funding authorities, ECSEL Office, ECSEL Austria and Smarter Electronic Systems Sweden.
- Around 100 attendees online



- ECSEL session at the yearly meeting of SIE (Società Italiana di Elettronica)
- Presentations of Horizon Europe, ECS SRIA and 5E metaroadmap.





# What next?



- AEIT Automotive Conference now at its 5<sup>th</sup> edition.
  - Full online
  - ECSEL Panel session in the afternoon of November 18.
  - Presentations of 4 ECSEL Automotive projects followed by round table.
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- First calls of the KDT JU may take place end 2021 - early 2022
  - Next ECS brokerage announced for January 18-19
  - Next event of ECSEL Italy is planned for January 26 or 27, 2022 in Bologna.





## Final considerations

- The ECSEL Mirror Group Italy has proved to be a valid information and networking instrument for Italian participants.
- It has been able to operate also without Italian public funding.
- The Italian participation in ECSEL has increased since its start. For IPCEI2 and related activities the Ministry of Industry has allocated more than 700 million Euro.
- Organizations like the ECSEL Mirror Groups of Austria and Italy and Swedish associations could be established also in other countries to extend information and networking activities for potential partners.



# Thank you!

<http://www.aeit.it/ecsel>

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## Steering Committee

