



**SIE 2024**

Genova, 26/28 Giugno 2024

ICOS Session

# **Chips Mirror Group Italy**

Livio Baldi



# ICOS special session



14:15	Introduction	L.Baldi, Chips Mirror Group Italy
14:25	Presentation of the ICOS project	F. Balestra, G-INP
14:45	Economic analysis of the EU & international semiconductor ecosystems	L.Saint-Martin, DECISION
15:15	Technology Highlights in Advanced Computing	R.Duffy, Tyndall
15:35	Technology Highlights in Advanced Functionalities	M.Pfeffer, FhG
15:55	Italian activity for the Chips Act	E.Sangiorgi
16:15	End of the session	

Co-organized by:

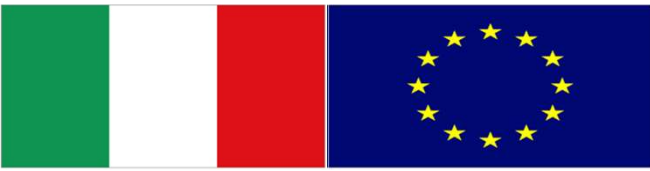




# what is it?



- Chips Mirror Group Italy is an organization including researchers from Italian industrial and academic institutions involved in the **Chips JU** programme:
  - ✓ To facilitate / coordinate the participation of Italian industrial and academic research organizations to the Chips Joint Undertaking (JU)
  - ✓ To promote the support by Italian Public Authorities,
  - ✓ To coordinate with similar initiatives in Europe.
- Chips Mirror Group Italy has the administrative support of AEIT.



# A new name, same story



- Chips Mirror Group Italy started as ECSEL Italy in December 2015 to provide support to Italian researchers interested in the funding of the ECSEL JU calls.
- In order to meet the new challenges of the European Chips Act and of the Chips JU, ECSEL Italy has become:

## **Chips Mirror Group Italy**





# 2022: European Chips Act



## European Semiconductor Board (Governance)

**Pillar 1**

**Chips for Europe Initiative**

- Initiative on infrastructure building in synergy with the EU's research programmes
- Support to start-ups and SMEs

**Chips JU:**

- Calls
- Pilot Lines

**Pillar 2**

**Security of Supply**

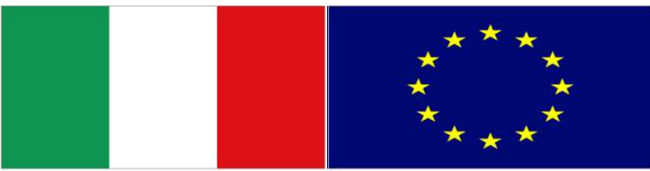
- First-of-a-kind semiconductor production facilities

**Attract new fabs in Europe**

**Pillar 3**

**Monitoring and Crisis Response**

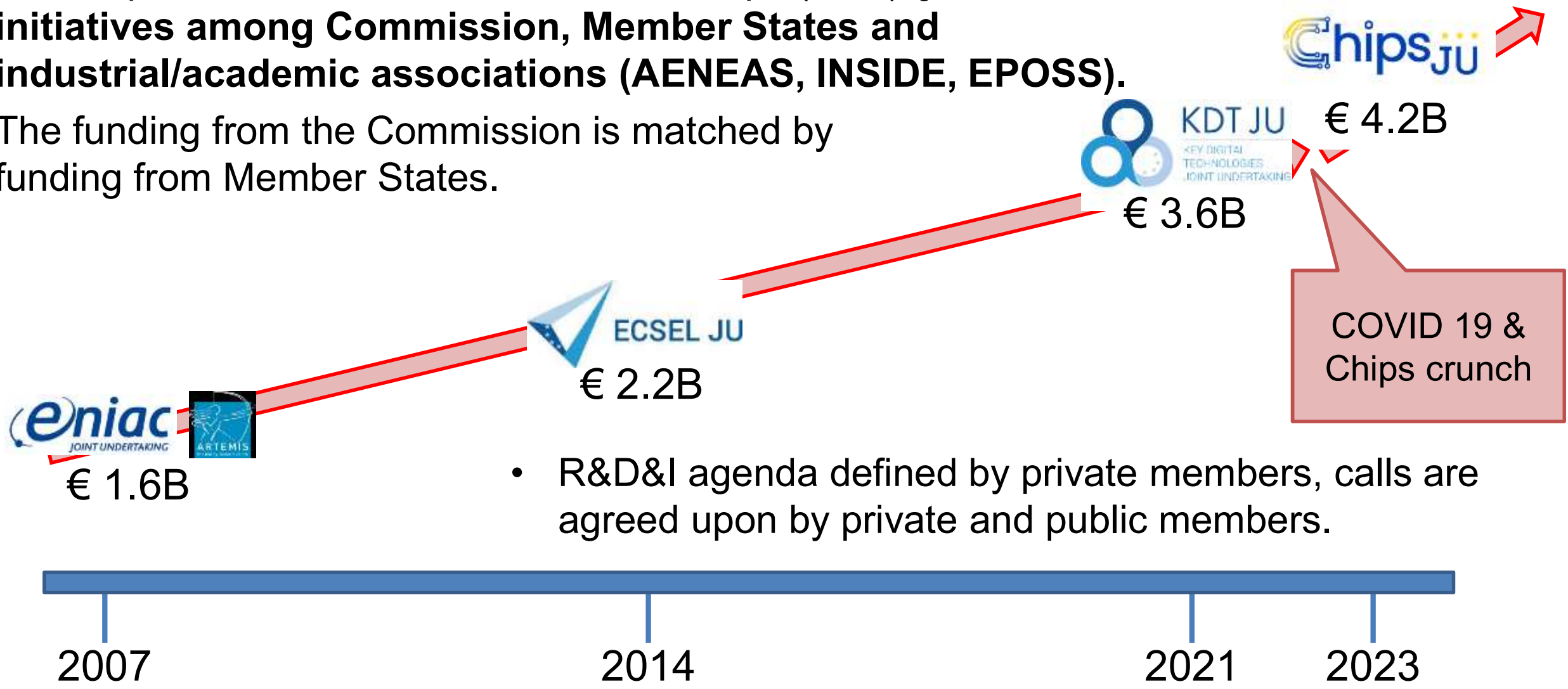
- Monitoring and alerting
- Crisis coordination mechanism with MS
- Strong Commission powers in times of crisis



# The Joint Technology Initiatives (JTI)



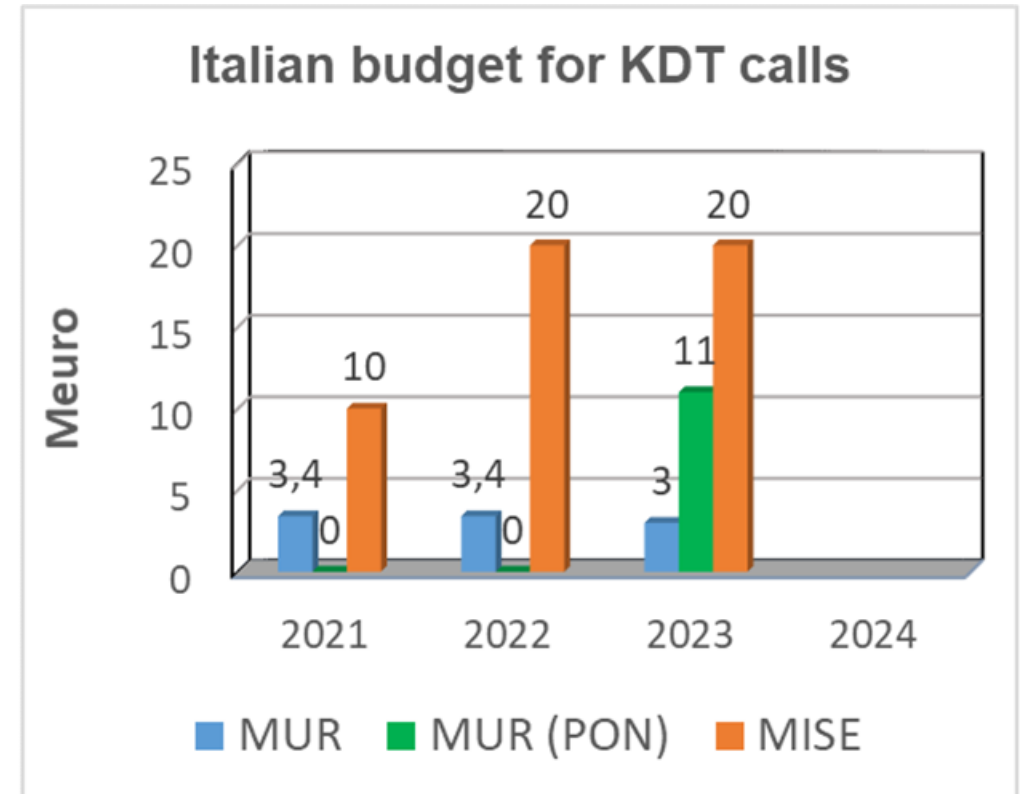
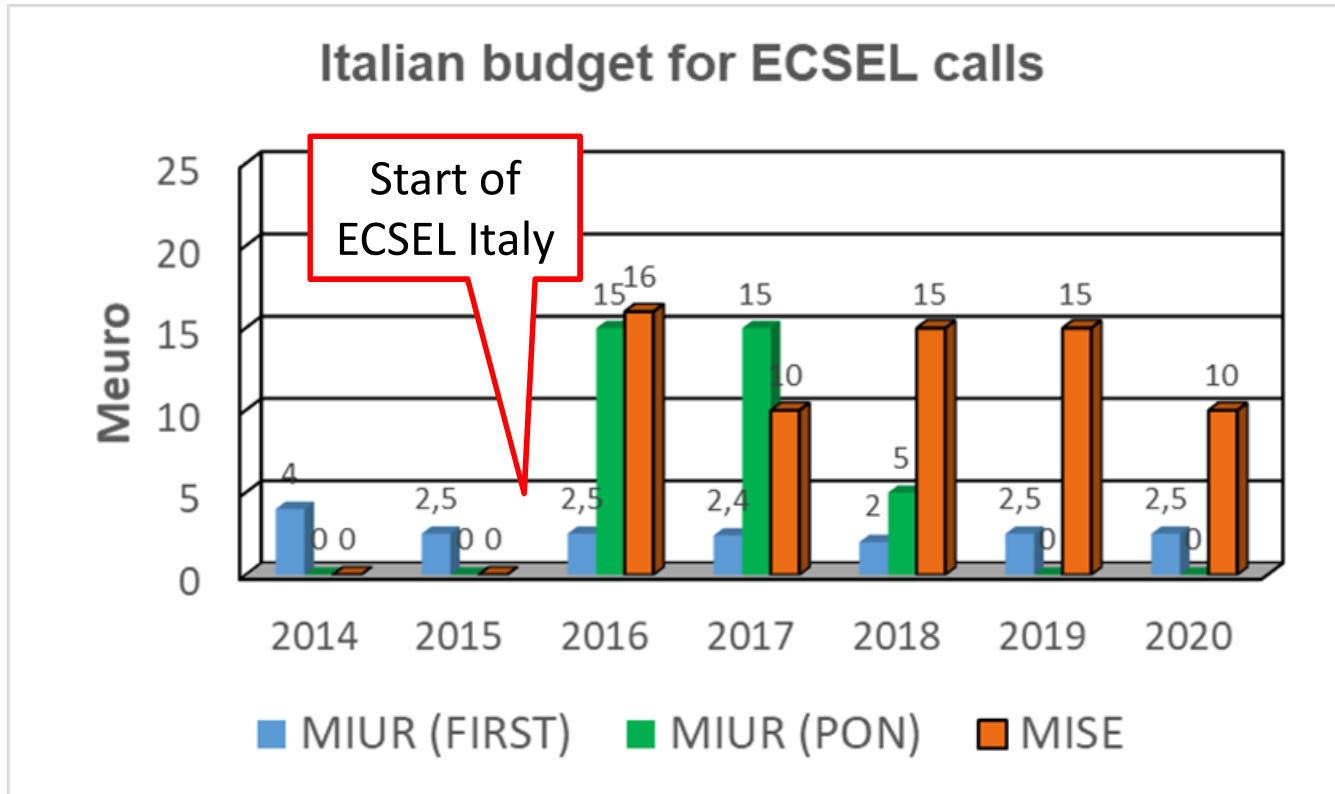
- JTI are part of the Public-Private Partnerships (PPP): **joint R&D&I initiatives among Commission, Member States and industrial/academic associations (AENEAS, INSIDE, EPOSS).**
- The funding from the Commission is matched by funding from Member States.



- R&D&I agenda defined by private members, calls are agreed upon by private and public members.



# Italian budget in ECSEL and KDT JU



- In the period 2014-2020 (ECSEL JU), a total of 119.4 M€ were made available by MUR and MISE. For the KDT JU, 50 M€ from MIMIT, 9.8 M€ from MUR and 11 from PON funds.
- MUR and MIMIT are making available 22 M€ for the first calls of the Chips JU



# Italy and the KDT/Chips JU



## Italian partners in **Chips/KDT** projects with calls published in 2021-2023:

- Involved in 33 projects
- Altogether 178 entries of Italian beneficiaries
- Total project cost 124 M€ for the Italian partners
- Total EU funding 36.5 M€ for the Italian partners

## In the previous **ECSEL JU**:

- Italian partners were involved in 59 projects over 93 launched
- Altogether 279 Italian participations by 139 partners

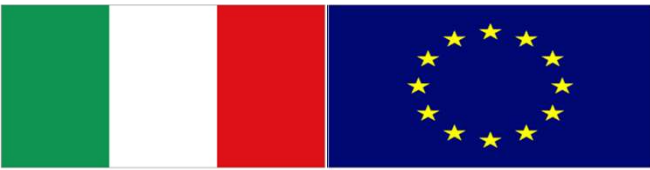




# What can we do for you?



- Disseminate information on Chips JU events and calls.
- Keep informed on future Chips JU and Chips Act initiatives
- Collect project ideas and presentation of partners' competences for future brokerage events.
- Provide feedback and reporting on past brokerage events.
- Provide support and advice in the search for projects partners and proposal preparation.



# In the past: ECSEL Italy Days



- The main activity of ECSEL Italy has been the yearly ECSEL Italy Day and brokerage events.
- The events included presentations by the ECSEL Office, the funding Ministries and other agencies, and news from brokerage events and other Mirror Groups.
- Due to the outbreak of the COVID-19 pandemic, in 2021 and 2022 only online workshops were held on the new KDT JU.





# After the COVID



## 2023

- A KDT JU information Day and brokerage event was held on March 6 at CNR in Rome
- Participation in:
  - yearly meeting of Società Italiana di Elettronica
  - ECS brokerage event 2024

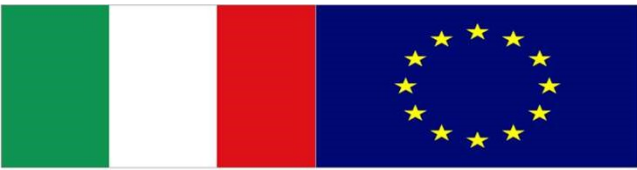


## 2024

- A Chips JU information Day and brokerage event was held on March 6 at Confindustria in Rome

## COMING

- 23-26/06, Genova SIE Riunione Annuale 2024
- 25-27/09, Trento AEIT Annual Conference
- 12-15/11, Monaco SEMICON



# A new web site



In addition to the previous web site,  
hosted by AEIT at:

<https://www.aeit.it/ecsel>,



a new web site is available at:

<https://www.chips-mgi.it/>





# Thank you!

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

## Contacts

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## Steering Committee

