

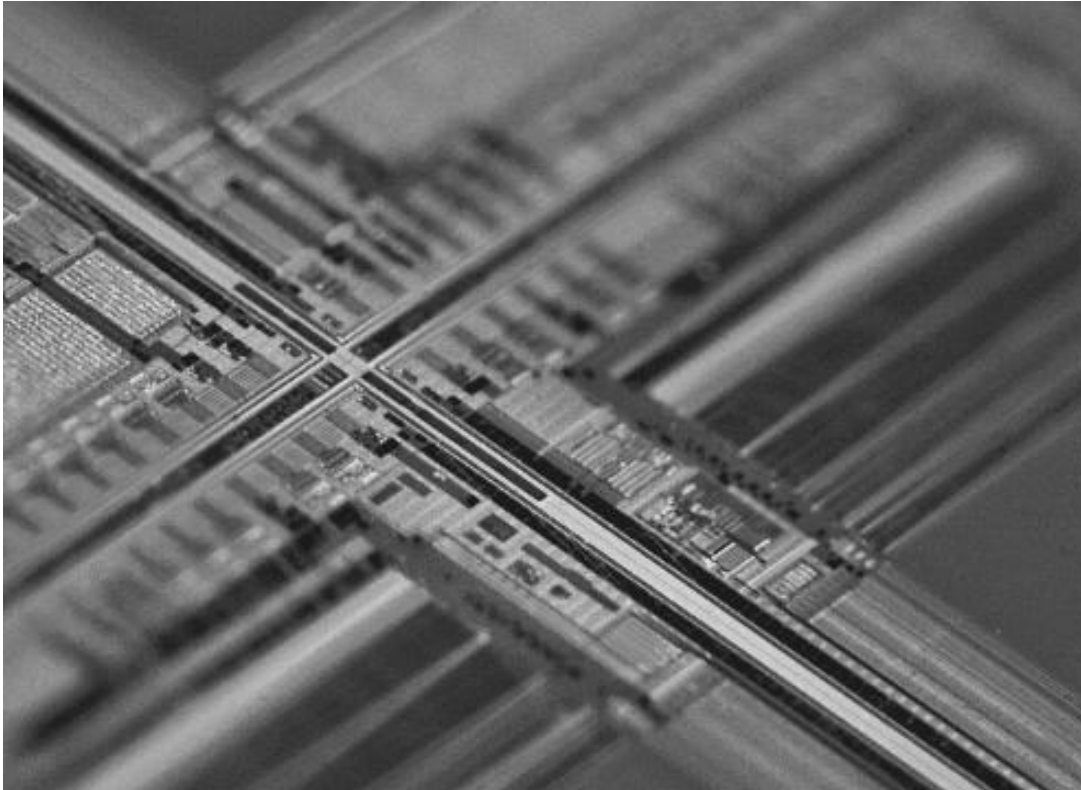
CADETTI Project

Centre for Access to DEsign Technologies and Training in Italy

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THE CHALLENGE



Whoever controls chip design and manufacturing controls Artificial Intelligence, security, the energy transition, and the global economy.

The challenge lies in not lagging behind, ensuring we are not simple passive spectators of the technological future.

EUROPEAN CHIPS ACT

Developing an in-depth understanding of the global semiconductor supply chain

Strengthening research and **technological leadership**

Addressing the skills shortage and attracting new talent

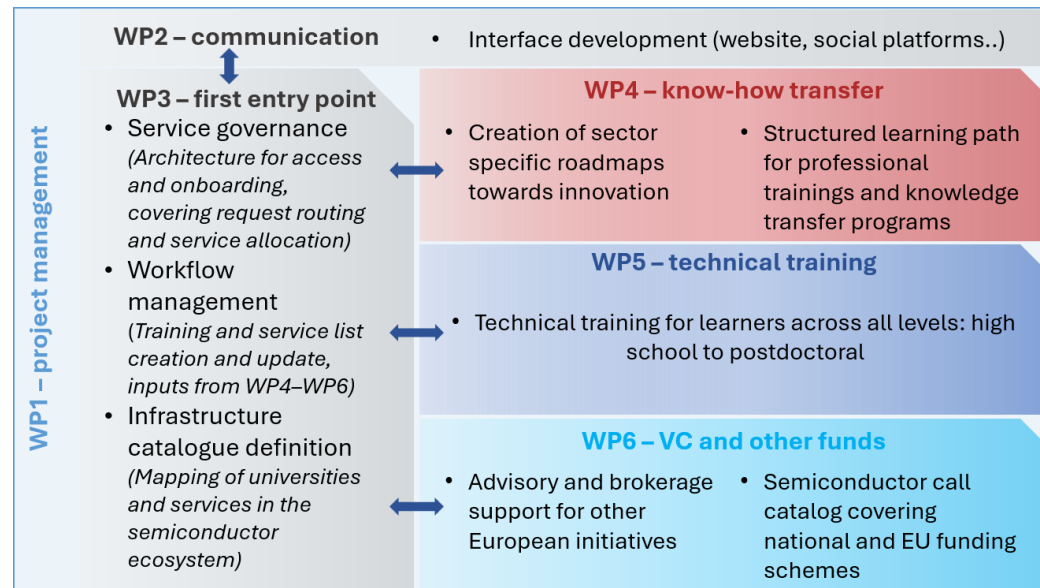
Putting in place an adequate framework to **increase production** by 2030



Reinforcing Europe's **capacity to innovate** in the design, manufacturing and packaging of advanced chips



CADETTI structure, and expected output



- WP1 provides overall coordination and governance of the project, ensuring alignment and coherence across all WPs
- WP2 covers communication and outreach activities, including the development of interfaces such as the website and social media platforms. It's directly linked to WP3, feeding communication into the first entry point
- WP3 represents the core of the competence centre. It defines the services and manages the workflow for request routing towards the operational WPs (4,5 and 6). The interaction with the operational WPs is bidirectional, as the inputs will contribute to the definition and continuous update of an infrastructure catalogue
- WP4 focuses on innovation and knowledge sharing with the creation of sector-specific roadmaps and the development of training paths for professional development and knowledge transfer programs
- WP5 provides technical education across all levels (from high school to postdoctoral), ensuring the skills development is aligned with the ecosystem needs
- WP6 focuses on financial support and access to funding. It provides advisory and brokerage support for European initiatives and develops a catalogue of funding calls related to semiconductors at both national and EU levels
- Entry Point
 - WebSite (redy on July 2026)
 - Mirror Group
 - Other Projects e.g. Design Platform, Pilot Lines,...
 - Infrastructure/s
 - Conferences and trainings

CADETTI some results

PROJECT START: 01 January 2026

• List of Conferences

Code	Event	Organizer	KPI
C1	57 th annual meeting - Italian Society of Electronics	3 rd party event	OE2
C2	Mirror Group 2026	3 rd party event	OE2
C2	EFECS 2026	3 rd party event	OE2, NCC1
C3	MALTA - GCSM	3 rd party event	OE2, NCC1
C4	INSIDE Connect 2026	3 rd party event	OE2, NCC1
C5	ECS brokerage event (aCCCess) 2027	3 rd party event	OE2, NCC1
C6	Chips JU Event 2027	3 rd party event	OE2, NCC1

• List of Training

Code	Event	Organizer	KPI
T1	ETHZ winter school	3 rd party event	OE2
T2	from micro to macro	3 rd party event	OE2
T3	MB technoservices	3 rd party event	OE2
T4	University of Bologna	3 rd party event	OE2
T5	Fondazione Marco Biagi	3 rd party event	OE2
T6	Chips-IT	Organizer	SDT1, SDT2
T7	CADETTI E MALTACC	Co-organizer	SDT1, SDT2
T8	EPoSS, INSIDE	3 rd party event	OE2
T9	kick-off CADETTI WP5	Organizer	SDT1, SDT2

In preparation: Webpage, List and Catalogue of services, collaborations and relative descriptions; analysis and overview of the Italian landscape, with particular attention to regional strengths across the value chain...

Collaborations with other Chips for Europe Initiatives

- Most training sessions will be delivered by the Design Platform project, the Pilot Lines, other Competence Centres. Users or the aCCcess Project
- CADETTI is already participating to aCCcess activities



Systemic Impact and Industrial Role

Building a critical mass of talent: Developing well-rounded specialists capable of navigating the entire value chain.

Supporting crucial industries from SMEs to LEs: Meeting the demands of key sectors (Semiconductors, Automotive, Energy, Security, Aerospace, Health).

The next frontier: Driving a step forward in the Venture Capital and Risk Capital ecosystem.

The skills from design to prototype: supporting spreading the skills needed to manage the full value chain—from concept to prototype.

Microelectronics is the true alchemy of the twenty-first century.

In addition, through a unique path of excellence, young people are the pillar of future technological and economic security for Italy and Europe, if we manage to invest in them.

Thank you!

C. De Luca

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