

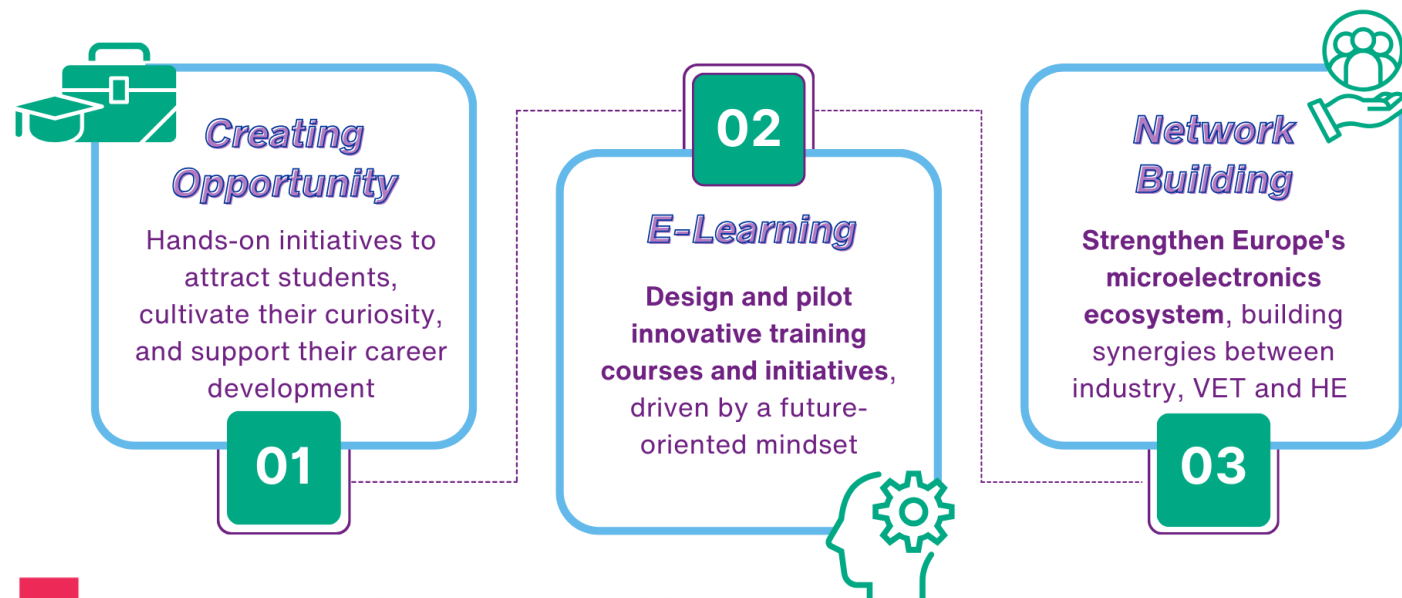
European Chips Skills Academy

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European Chips Skills Academy

Creating an **Alliance** between educational systems and the microelectronics industry to develop a decentralized **Academy** to meet the growing demands for skills.



Year One



ECSA Skills Strategy Report quantified the talent gap in the European Semiconductor industry and highlighted critical skills needs and in-demand job profiles



Created the **Educational Leaders Board** to align curricula across Europe and support high quality course development



Launched the **ECSA E-Learning Platform** for training, education, and networking



Grew the **European Chips Skills Alliance** to over 140 companies/universities



ECS Summer School, developed in collaboration with AENEAS, EPoSS, and Inside

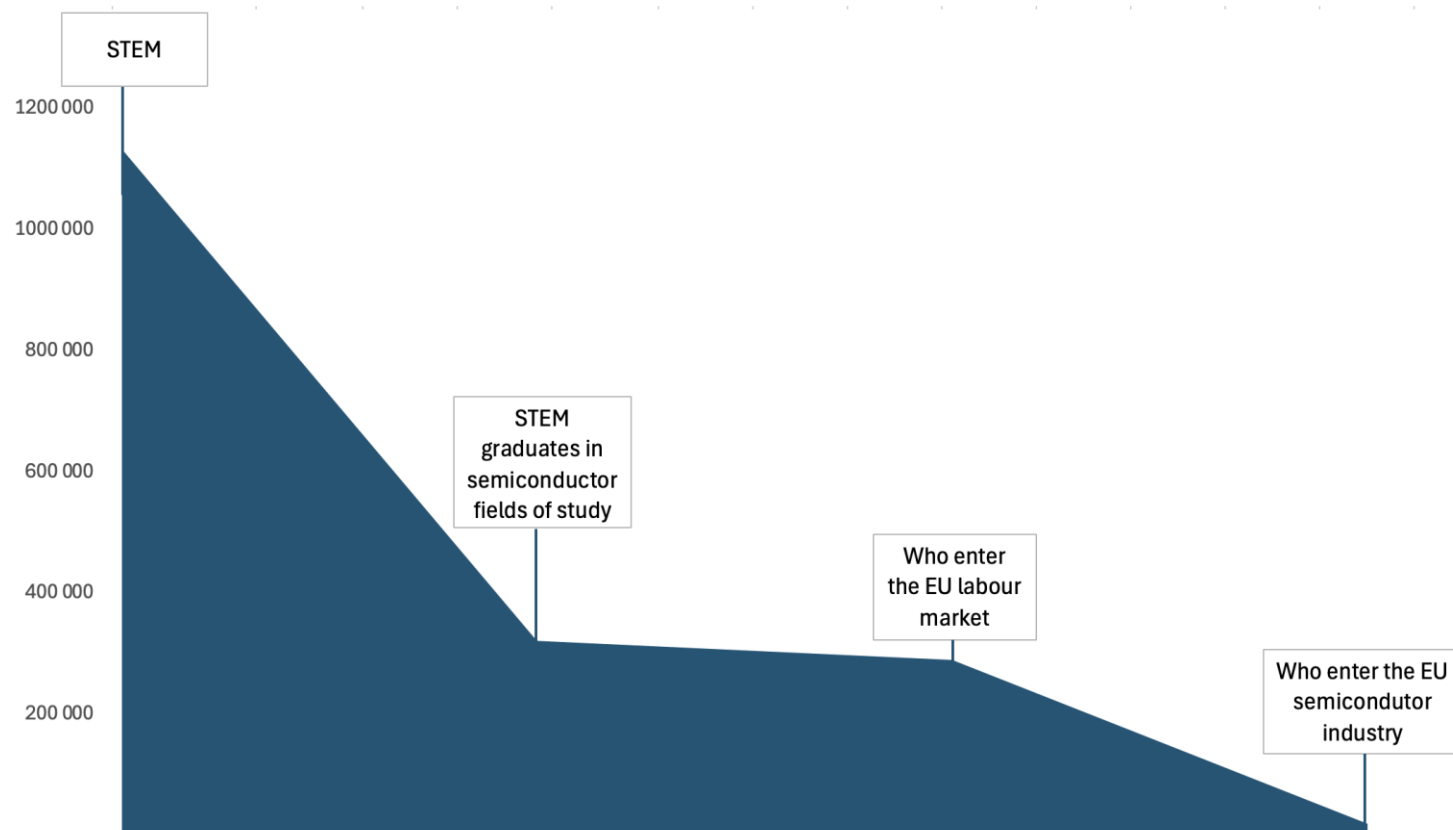


First **Student Forum** hosted at TU Delft on 24 April with 120 attendees



Student Ambassador program with 28 active ambassadors in the first 6 months

Graduates entering the industry



2024 **Skills Strategy** found that very few STEM graduates enter the semiconductor industry

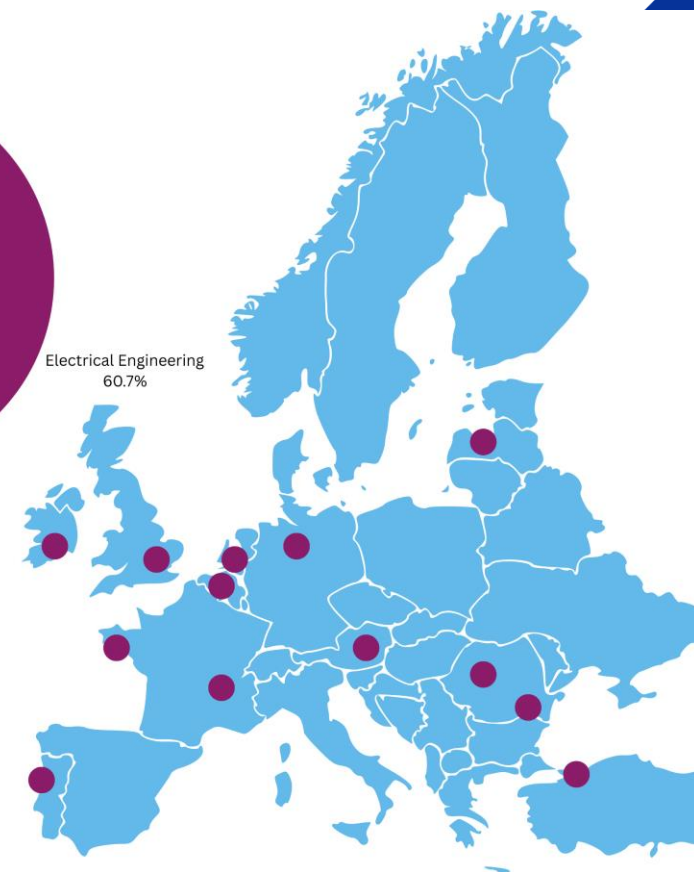
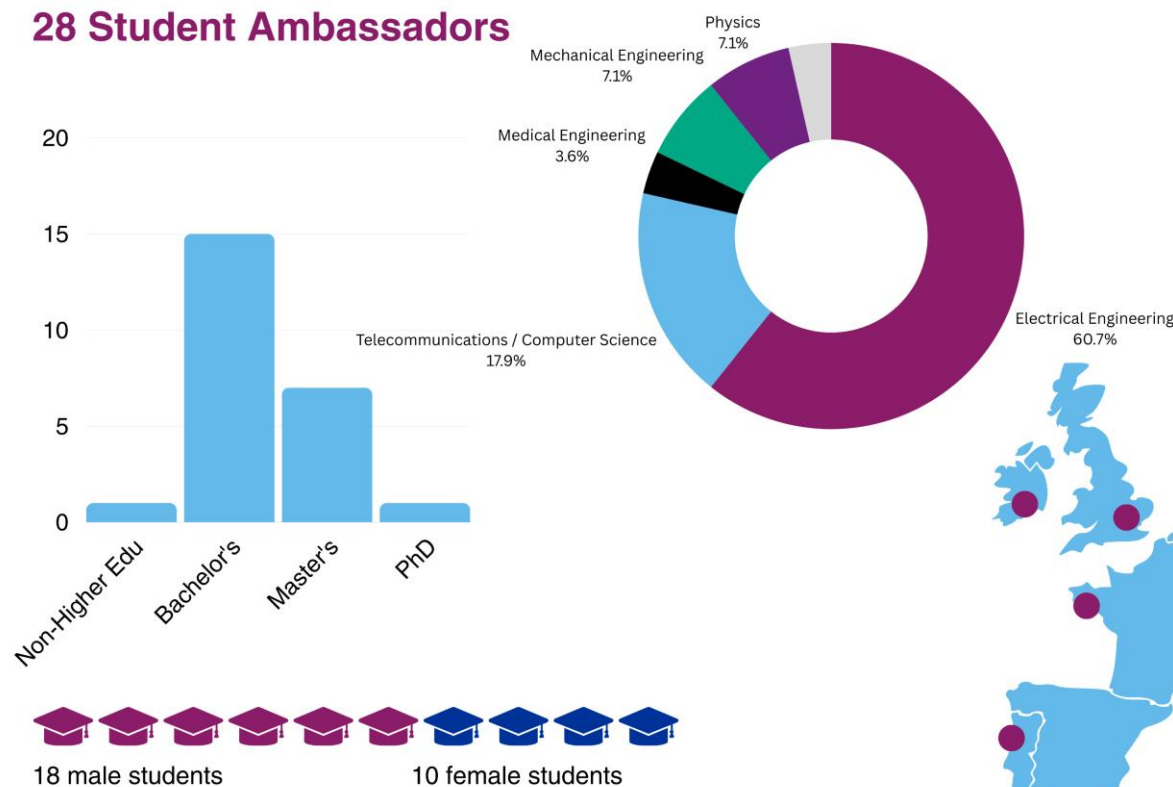
EU ranks third in overall STEM graduates but the sector has largely struggled to attract these students

Source: ECSA Skills Strategy, DECISION Etudes & Conseil

Student Ambassador Program

- Program started to support ECSA's promotion to students
- Offers ambassadors activities to engage with industry and academia
 - Interviews with professionals
 - Company tours
 - Support for student ideas like the Student Forum

28 Student Ambassadors



About the program

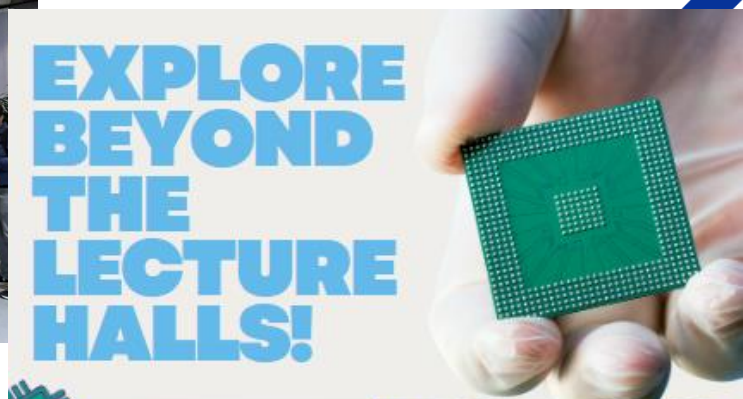
What does being an Ambassador entail?

- Review content developed by ECSA
- Promote events and project results to your network
- Take part in ECSA events where feasible
 - Help host events at your university
 - Be a speaker in online events
- Create your own initiatives



What do we offer to the Ambassadors?

- Free access to some of the biggest industry events (such as SEMICON Europa)
- ECSA support in developing your ideas
- Tours / meet and greets with industry
- Connect with other students across Europe
- Camp counselor / other mentorship programs



ECSA Student Forum

- Hosted at TU Delft on 24 April
 - 222 students registered and ~ 120 attended
- Program included:
 - Speakers from industry showcasing different semiconductor applications / jobs
 - Student research presentations
 - Panel discussion with students, professors, and industry on barriers for students
- Next edition coming soon!



Student Ambassador Summit

- First Summit held in September 2024 in Leuven, Belgium
- Students were able to tour the clean room at IMEC
- Career talks focused on a range of subjects
 - Geopolitics of semiconductors
 - Chemical use and regulation in industry
 - Embedded software engineering across consumer electronics, research, telecom, and others



Interview Series

- Ambassadors can get to know experts from industry and academia
 - Opportunity to learn about their experience in the field and share it with others
- ECSA connects students with experts in our network depending on interests and career ambitions. So far students have interviewed:
 - Suzanne Lesecq, CEA-LETI
 - Patrick Cogez, AENEAS
 - Dominik Zupan, TU Graz



← Watch the interview with Suzanne!

Connecting students



TU Delft



Eindhoven University of Technology
Jheronimus Academy of Data Science
University of Amsterdam
Leiden University



Politehnica University of Bucharest
Technical University of Cluj-Napoca



Universidade de Aveiro



ENSIBS Lorient
INSA Lyon



Riga Technical
University



King's College
London



KU Leuven



University College Cork



St Pölten University of
Applied Sciences



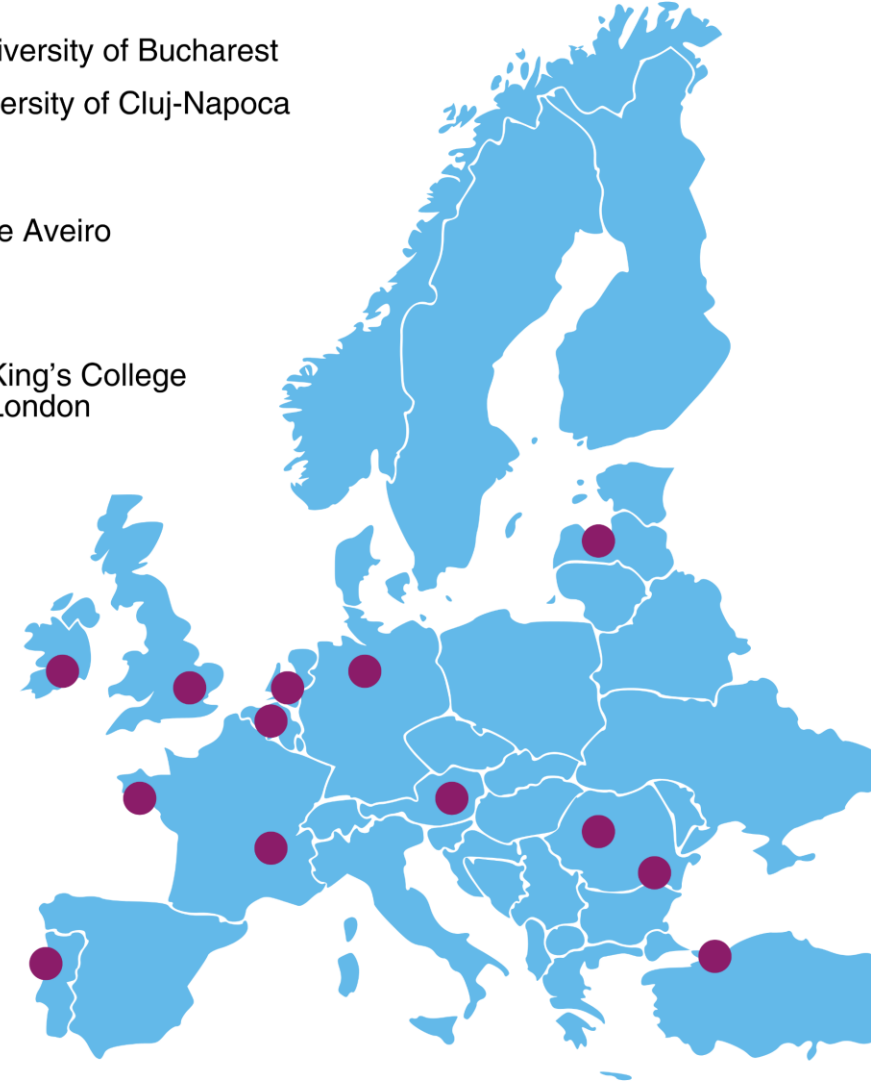
University of Hamburg



Istanbul Technical
University



Purdue University



How you can join

- First step is to sign up on the Google form
 - <https://forms.gle/xNgbcFZsFtkmWM777>
- WhatsApp group for all Ambassadors – We'll use this group to share updates on events and request feedback on certain things. Everyone can of course ask questions / share your ideas or any events you have.
- We'll organize periodic virtual meetings (at least twice a year) with Ambassadors to catch-up and discuss new ideas and projects - **The next meeting will be next week!**



Where to find us

- Stay up to date on latest events and activities through our website → ChipsAcademy.eu

Follow ECSA on social media:



[European Chips Skills Academy](https://EuropeanChipsSkillsAcademy)



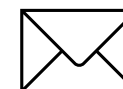
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