

# GreenChips-EDU

Educate for a Sustainable Tomorrow

## Digital Shift Boosts Semiconductor Demand

The global transition towards digital and green technologies is driving a growing demand for **semiconductors**, leading nations worldwide to invest heavily in **microelectronics** programs.

## EU Chips Act Faces Challenges

In Europe, the **EU Chips Act** sets an ambitious target of capturing a **20% share of global semiconductor production by 2030**. Despite this, Europe faces a significant shortage of skilled workers in this sector.

## Training Future Semiconductor Leaders

GreenChips-EDU aims to address this gap by offering innovative and redesigned educational training content. The project introduces harmonized **Master's degrees**, new **double-degrees**, a new **Bachelor's degree**, standalone training modules and a **MBA** program tailored for professionals.

## The goals of GreenChips-EDU

**Educate and train the next generation of talent in microelectronics.** We place a special emphasis on cultivating skills and knowledge that contribute to a **green and circular economy**, highlighting the importance of sustainable and environmentally friendly applications.

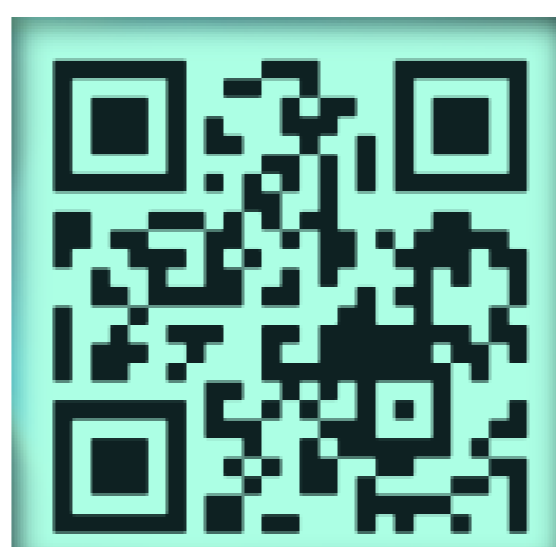
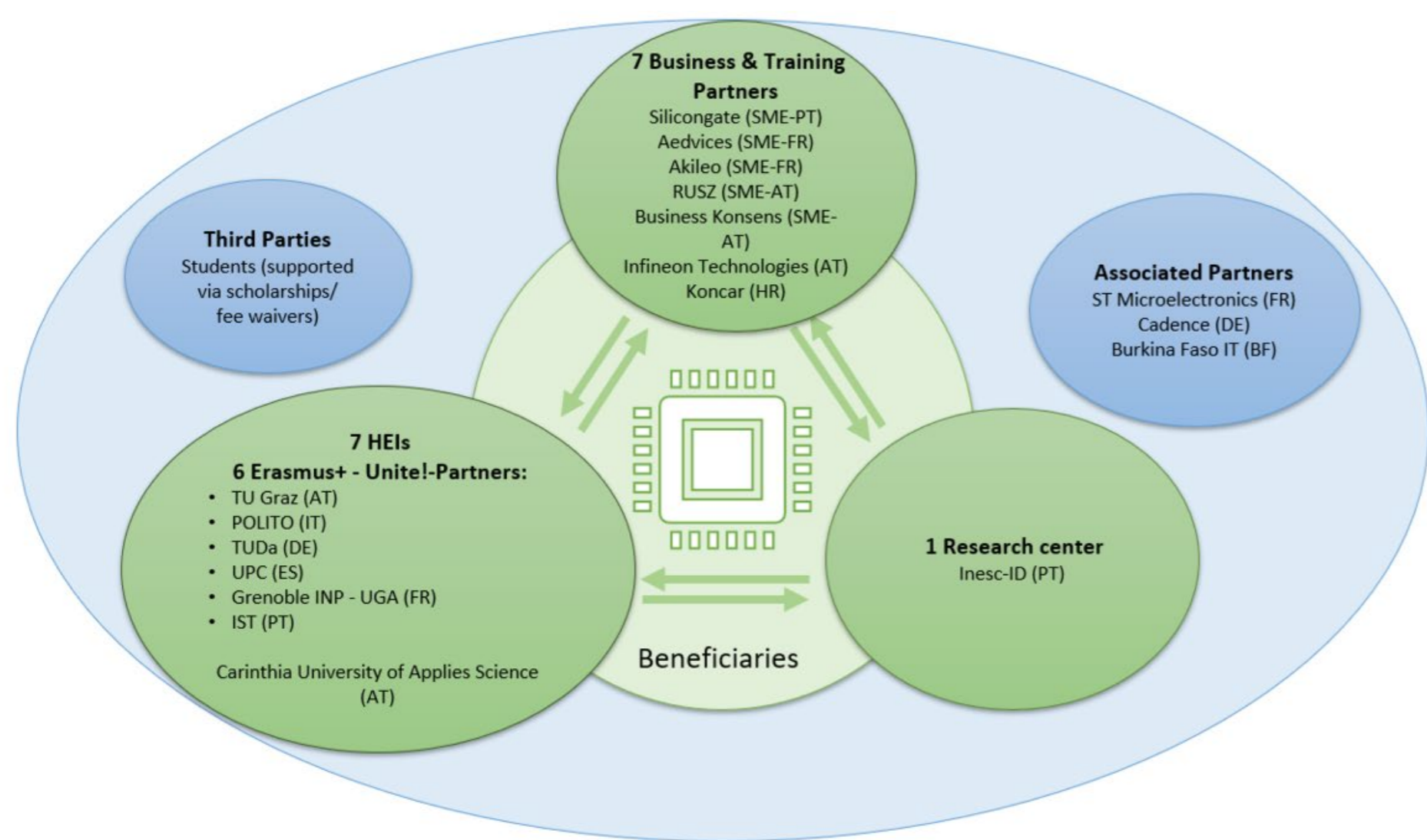
Develop an **educational ecosystem for green microelectronics** by fostering collaboration between educational institutions, training & industry partners.

Promote **student and staff mobility** by harmonised curricula, a shared **digital learning platform** and infrastructure upgrades.

Launch initiatives such as **summer schools for hand-on experiences**, **hackathons** to foster innovation, **learn-repair cafés** to promote sustainability, and **expert lectures**.

Enroll approx. **600 students** towards a **green microelectronics degree** during the course of the project to meet the growing demand for skilled professionals in the field.

## The Consortium



### Contact information

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