

Master in Sustainable Management & Technology

Today...

Tell you about the SMT
master's program

Tell you about the growing
pains (and gains!) of the
SMT program

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Sustainable Management & Technology (SMT)

New master program launched in 2021

Run by E4S, joint center founded by Unil-IMD-EPFL

Focus on tech+(socio)economics for sustainability

Combines courses from Unil-IMD-EPFL (120 credits)

- 24 credits in tech

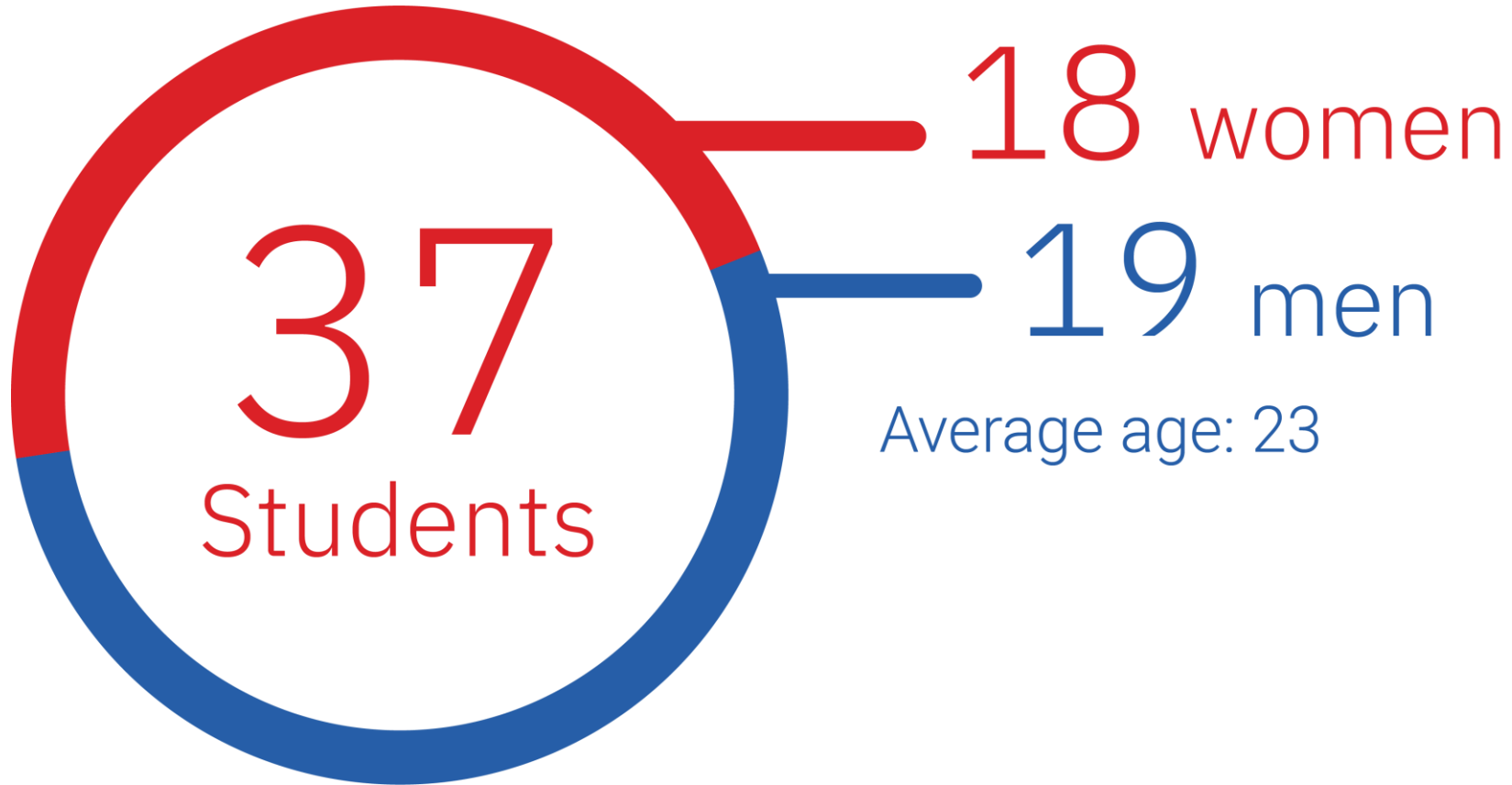
- 23 credits in economics/managements

- Team projects (18), electives (14), master's project (30), etc.

Key features of the program:

- **Interdisciplinarity** across tech and social sciences
- **Diversity** of expertise in the classroom
- **Synergies** across three complementary institutions
- Academically **rigorous** (and hard!) but with strong **applied** components
- ... Transformative projects
- ... Master's projects

Class of 2023 – 2025



Composition of the class?



30%

Engineering



70%

Management or
Economics

The SMT Master's program: Students' perspective

I want a degree that is
recognised



SMT
Master's program

I have an interest in
sustainability



I want an inter-
disciplinary program



3 key messages

1. No new program is perfect

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2. Sustainability in education calls for innovation

3 key messages

1. No new program is perfect

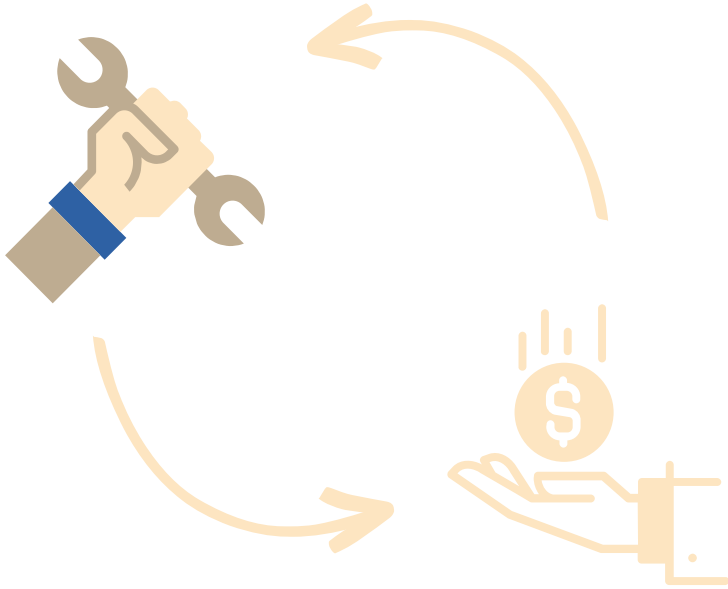
2. Sustainability in education calls for innovation

3. Different can be good

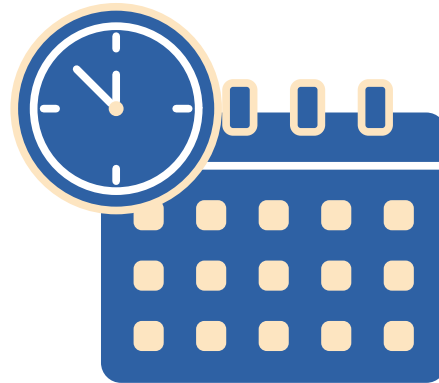
No new program is perfect

Initial challenges

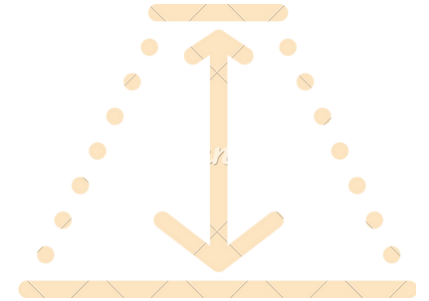
1.



2.



3.

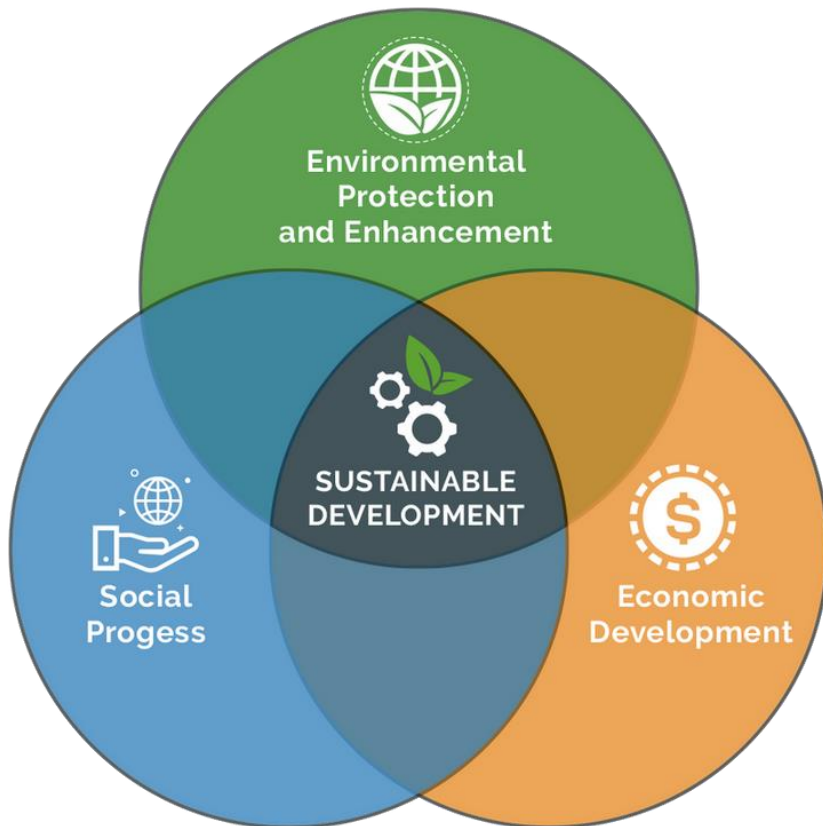


No new program is perfect

Tips for overcoming these challenges:

- Creating common ground on the vision and end goal of the program
- Making attendance paramount
- Being open to feedback
- Being agile in teaching & learning approaches, making fast adjustments

Sustainability in education calls for innovation

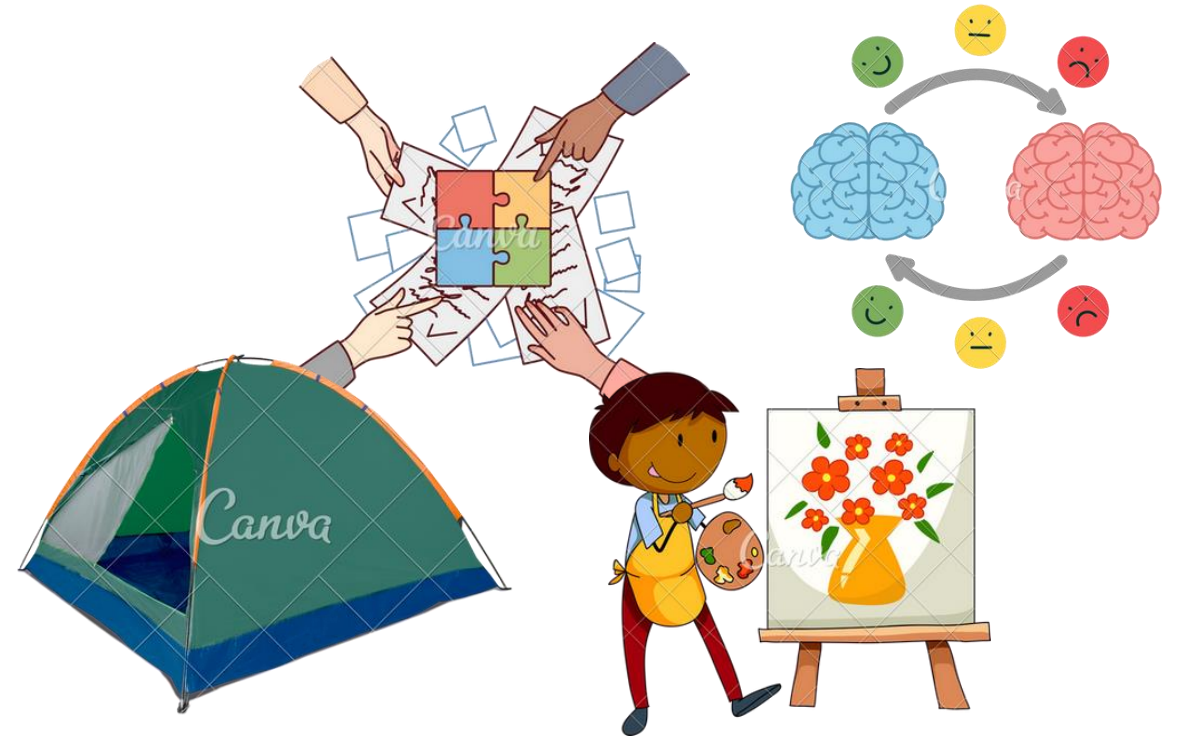


Inter-disciplinarity is key

- Sustainability as a common thread
- Compound learning through the lens of different disciplines & hence synergistic learning

Going beyond the conventional classroom

“Education for sustainable development” seeks to provide students with the skills, attitudes and values needed to face sustainability-related challenges and shape a sustainable future.



Putting learning into action

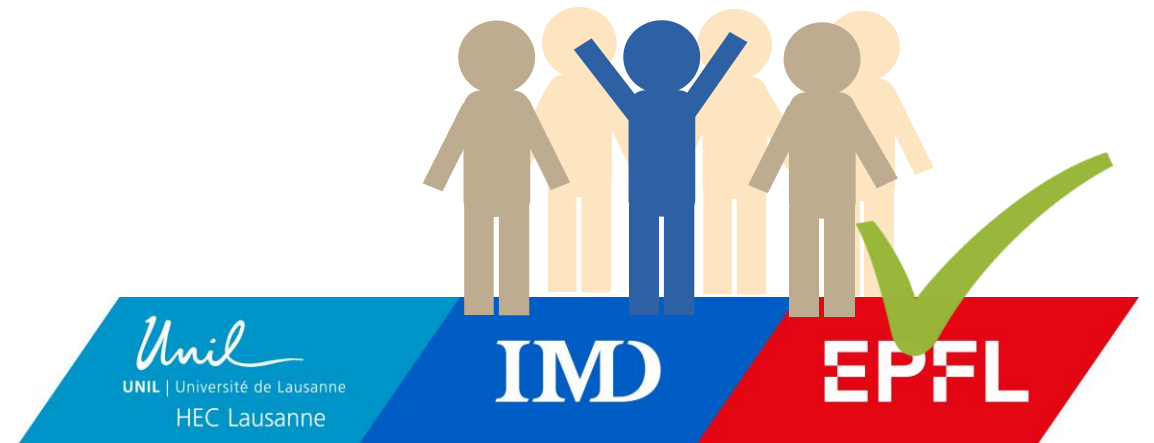
Transformational projects (TPs)

- During 14 weeks
- In mixed groups of 3-4 students
- With different companies or organisations --> industry immersion
- Working on concrete and applicable projects



Different can be good

“There are trade-offs when you make choices which are different to everyone else. Nevertheless, transformation will not come from doing more of the same, but trying something different until it yields the desired outcome.”



Thank you for your attention!

Any questions?