

MGT-535

Transformative project

Profs divers *, Wicki Samuel David

| Cursus | Sem. | Type |
|----------------------|------|------|
| Managmt, dur et tech | MA3 | Obl. |

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| Language of teaching | English |
| Credits | 10 |
| Withdrawal | Unauthorized |
| Session | Winter |
| Semester | Fall |
| Exam | During the semester |
| Workload | 300h |
| Weeks | 14 |
| Hours | 10 weekly |
| Project | 10 weekly |
| Number of positions | 40 |

It is not allowed to withdraw from this subject after the registration deadline.

Summary

The Transformative Projects (TP) aim to encourage the students to develop hands-on skills in industry. It reinforced project management and team work skills to solve practical issues at the crossroad of technology, management and sustainability.

Content

Transformative Projects (TP) aim at solving applied, real-life interdisciplinary issues with technology, management and sustainability dimensions. The project outcomes aim to be transformative with regard to an existing situation, a current practice, or situation with a systemic aspect that can trigger large-scale transformation towards sustainability.

Examples of topics that could be handled in *transformative* projects include (among many other possible options):

- A process or organizational innovation
- A new product/service
- A new way to bring a product/service on the market so that it diffuses at a large scale (or to bring an existing product/service from niche to mass market)
- Any other issue that is considered as problematic in terms of sustainability, or a solution that significantly improves a sustainability-related problem

Keywords

Sustainability, technology, hands-on, project management, problem solving, industry

Learning Prerequisites**Required courses**

Course only available to SMT students. The students need to have completed all courses of the first two semesters.

Assessment methods

Report 60%

Presentations 40%

Supervision

Office hours No

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| Assistants | No |
| Forum | No |

Resources

Virtual desktop infrastructure (VDI)

No

Moodle Link

- <https://go.epfl.ch/MGT-535>