Education opportunities with Climate-KIC

Current Aalto University involvement:
• Masters level Education – Labelled programs
• Doctoral level Education – Catapult! Doctoral Summer Schools
• The “Journey” (4-week master’s level summer school)
• Climathon
Climate-KIC labelled Masters programs

- Non-integrated program model
- Includes a “bolt-on” module to existing programs at universities
- Comprises additional education activities in climate issues and entrepreneurship
- Consists of 5 main activities
Climate-KIC Master Label

Master’s programme
9 Universities
37 Programmes
Climate-KIC labelled programs

Currently there are two labelled masters programs at Aalto:

• Creative Sustainability (BIZ)
• Fiber and Polymer Engineering (CHEM)
The 5 activities

As a Master Label student you complete a set of modules complementing your Master programme:

1. Attend 5 Spark! Lectures; a series of thought-provoking talks and seminars

2. Take complementary courses in climate sciences or entrepreneurship worth at least 12 ECTS

3. Participate in the Journey; a four week climate innovation summer school

4. Go on mobility and spend 30 ECTS of your master programme outside of your home university; 15 ECTS study abroad + 15 ECTS real life work experience.

5. Write your Master thesis on a topic related to climate change and entrepreneurship.
SPARK! Lectures

LECTURE: Linking global trends and insights to sustainable packaging

SITE VISIT: Symbiosis Center

NETWORKING EVENT: How to start a startup

WORKSHOP: Investing in networking
Complementary courses

- Master’s programme with focus on CLIMATE SCIENCE OR SUSTAINABILITY
  - Take complementary courses worth 12 ECTS in ENTREPRENURSHIP OR INNOVATION

- Master’s programme with focus on ENTREPRENURSHIP OR INNOVATION
  - Take complementary courses worth 12 ECTS in CLIMATE SCIENCE OR SUSTANABILITY
The Journey

4 week climate innovation summer school travelling around Europe

Climate change knowledge combined with entrepreneurship skill

Wide range of backgrounds

Find solutions to climate change
Mobility

The objective of Mobility is for you to gain insights into the challenges facing enterprise and research institutes and are able to work together with them on innovative solutions.

The mobility should consist of a total of 30 ECTS and contain of both elements:

- 15 ECTS: International mobility; at other university (academic semester/year, for instance) or by doing an internship abroad (applied research internship, industrial internship, for instance).

- 15 ECTS: Real-life work experience mobility; outside your home university (applied research internship, industrial internship, development of their own start-up, for instance).

Both types of mobility can be merged into one if you complete a period of real-life work experience abroad (30 ECTS).
Thesis

Write your Master thesis on a topic related to climate change and entrepreneurship/innovation.

Examples on thesis topics from Label students

- Student from Environmental Engineering:
  
  “The potential of car sharing to disrupt the transportation system in Denmark”

- Student from Wind Energy:

  “A comparison of two approaches for the representation of wind farms in WRF during stable atmospheric conditions”

- Student from Design & Innovation:

  “Circular Economy & Consumer Behavior”
What is the Master Label programme?
Catapult! PhD Summer School

- 2-week, 2-location format
- Aalto University & Chalmers University
- Wood construction in climate change mitigation
- Clear link to ecosystem of innovation projects
- Has impact!