

CODE
EAX6040



ECTS credits:
3 ECTS

WHEN AND HOW:

A course duration of 6 weeks combines on-site session (5 days) at TalTech Mektory at the end of August with virtual teamwork, mentoring and finalizing the results in September (see the programme on page 2).

LANGUAGE: ENG

PARTNERS:

 UNIVERSITY OF LORRAINE

 AALTO UNIVERSITY

 EINDHOVEN UNIVERSITY OF TECHNOLOGY

15.08 ONLINE PRE-EVENT

1. Day **EXPLORE**
2. Day **LEARN & FRAME**
3. Day **IDEATE & CONCEPT**
4. Day **ANALYZE & PLAN**
5. Day **BUILD**

Weeks 2-3 **TEST & VALIDATE**

Week 4 **FEEDBACK SESSION**

Week 5 **FINALIZE**

Week 6 **FINAL PITCHES**



**TAL
TECH**

EuroTeQ
Engineering
University

GREEN DEAL COLLIDER: SUSTAINABLE FUTURES BLENDED INTENSIVE PROGRAMME

TARGET STUDENTS

Local and international students from TalTech, EuroTeQ partner universities and all the other universities worldwide. The course is aimed at students from all different departments and disciplines at the graduate level. However, participation is not limited to specific fields, academic years, or experiences.

* Course will be limited to 50 students

**B2 level English language is required to enrol in the course

LEARNING OUTCOMES

Knowledge and skills to apply:

- Green Deal and sustainability
- Team building, design thinking and startup entrepreneurship
- Product and service innovation
- Interpersonal and transferable skills

LECTURERS

- **ERGO PIKAS**, Tenured Assistant Professor, Department of Civil Engineering and Architecture
- **KÄTLIN KANGUR**, Lecturer, Programme Director of Design and Technology Futures
- **RAGMAR SAKSING**, GreenTech Sector Manager
- **KRISTJAN KOLBRE**, Lecturer, VP of R&D at Brainbase.com
- **MATS SOOMRE**, Belbin Team Roles consultant and Belbin Regional Representative in Estonia
- **MAYRI TIIDO**, Circular economy and pitch trainer, Materjalivoog.ee

MENTORS from different TalTech and partner universities research groups, some examples:

- FinEst Centre for Smart Cities
- TalTech Circular Economy Core Lab
- Raw Materials Projects
- Data Science Group

WHY JOIN

- Intercultural and interdisciplinary studies
- Problem- and project-based learning
- Research projects cooperation
- Entrepreneurial and transferable skills
- Social and entertainment programme
- Free lunch!

“The best way to predict future is to create it” by Peter Drucker



Co-funded by the
Erasmus+ Programme
of the European Union

**TAL
TECH**



DTU

TU/e

**EINDHOVEN
UNIVERSITY OF
TECHNOLOGY**



PROGRAMME AND SCHEDULE

TIME	15.08	1. DAY 21.08	2. DAY 22.08	3. DAY 23.08	4. DAY 24.08	5. DAY 25.08	28.08–10.09 TEST & VALIDATE	“between 11–15 SEP” FEEDBACK SESSION* (online)	18.09–24.09 FINALIZE	“between 25–29 SEP” FINAL PRES- ENTATION* (online)
	Online pre-event* (ca 1,5h)	EXPLORE	LEARN & FRAME	IDEATE & CONCEPT	ANALYSE & PLAN	BUILD				
9:00–10:30		Intro to the course and topics	First insights about the problem space	Start-up examples, success stories	Discussion + Continuing sustainable business model canvas	Supporting concept proposal (what is the expected solution and how does it look like)				
		Sustainability and challenges (short lecture + hands-on)	Immerse to the topic and problem	Start-up vs traditional business; start-up finances, marketing and sales						
BREAK 15 MIN										
10:45–12:15		Design thinking introduction (lecture + exercises)	Reframing (lecture + exercises)	Sustainable business model canvas	Minimum viable product as a process	Team working				
BREAK 45 MIN Lunch										
13:00–14:30		Speed dating with mentors	Team working with mentors	Team working with mentors	Team working with mentors	Team working with mentors				
BREAK 15 MIN										
14:45–16:15		Team formation and building (lecture + exercises)	Create a shared understanding of the problem	Pitch practice	Methodology and plan for validation	Presentations of current concept proposals				
			Formulate a problem statement							
16:15–16:45		SHARING, DISCUSSION, RECAP (wrap-up of the day)								
		PLUS and DELTAS (students speak up: feedback and development possibilities)								

* Exact time for online pre-event, feedback session and final presentation will be specified.

- Team and individual work (Online)
- Time for working with mentors
- On-site (TalTech Mektory)
- Break

FINANCES

- You can apply for an Erasmus+ scholarship (70 EUR/day) for your stay in Tallinn to be provided by your home University;
- Accommodation*, lunch and social programme are provided by TalTech (travel costs need to be covered by the participants);
- No fees for the BIP will be charged.

* Located on Taltech campus

APPLY

[Apply here by 26th of June 2023!](#)

Please contact your International Office for nomination/financial support.

TALTECH CONTACTS

Contact for academic/course-related questions: **ERGO PIKAS**, leading lecturer of the course (ergo.pikas@taltech.ee)

Contact for admission-related questions: **KERTI SÖNMEZ**, incoming exchange student's manager (kerti.sonmez@taltech.ee)