ENGINEER
THE FUTURE
WITH US

EuroTeQ Engineering University

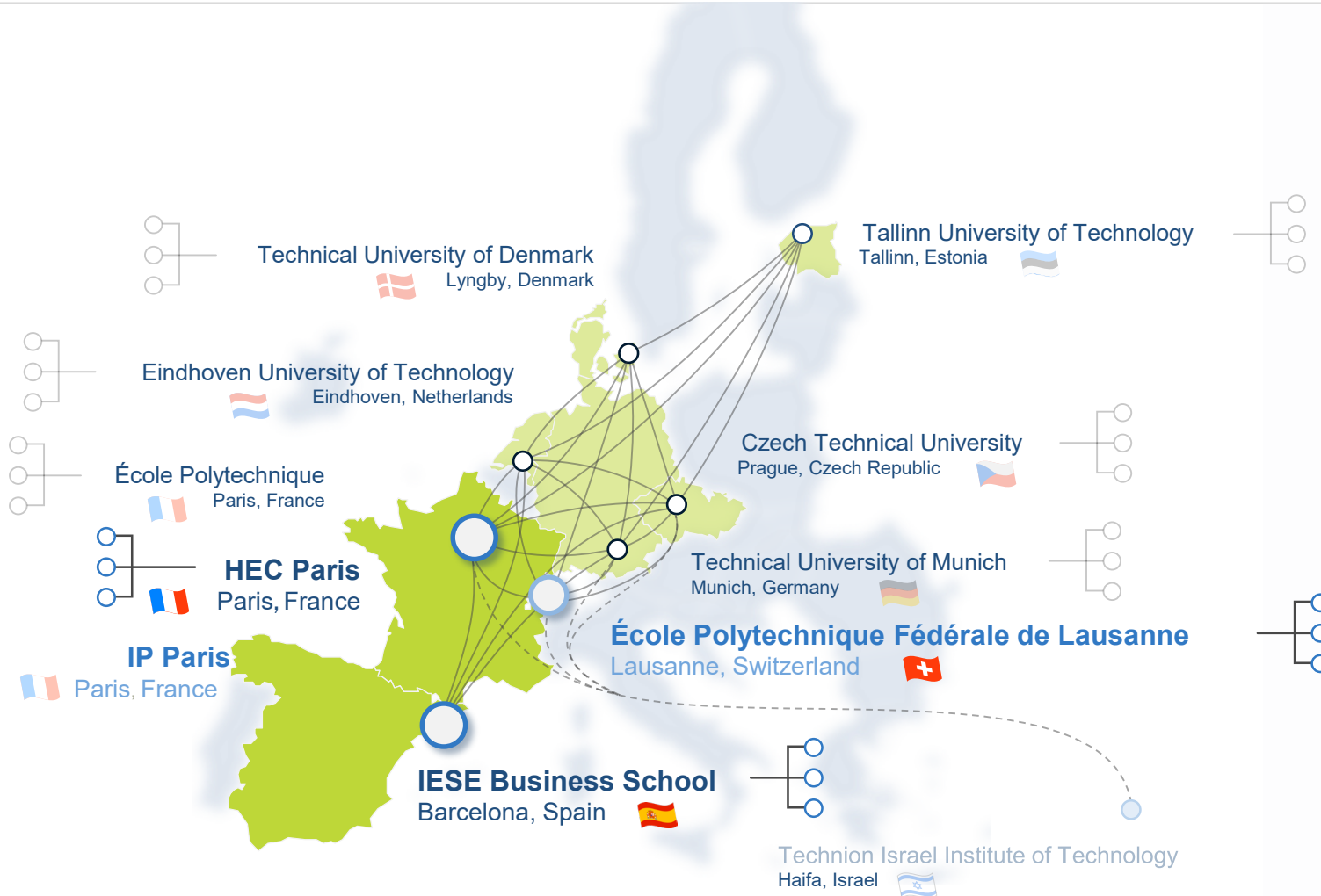Fit for TUM 2024

Thomas Bergmann, Sarah Debons, Angela Wester

Tuesday, October 8th 2024

Strategic Expansion

6 Technical Universities, 2 Business Schools, strong associated Partners

EuroTeQ
Engineering
University

Technical University of Denmark
Lyngby, Denmark

Eindhoven University of Technology
Eindhoven, Netherlands

École Polytechnique
Paris, France

HEC Paris
Paris, France

IP Paris
Paris, France

Tallinn University of Technology
Tallinn, Estonia

Czech Technical University
Prague, Czech Republic

Technical University of Munich
Munich, Germany

École Polytechnique Fédérale de Lausanne
Lausanne, Switzerland

IESE Business School
Barcelona, Spain

Technion Israel Institute of Technology
Haifa, Israel

45 associated partners from industry & society

- ✓ **European Universities Initiative** now funds 64 Alliances, involving more than 560 higher education institutions across Europe

- ✓ **EuroTeQ unique** to bring together Technical Universities with Business Schools

- ✓ **2020-2023**, Partners have built a strong governance model that builds on an equal and trusted partnership

- ✓ **Strong connections to eco-systems** ensure cultural diversity and the engagement of a diverse group of stakeholders in EuroTeQ activities

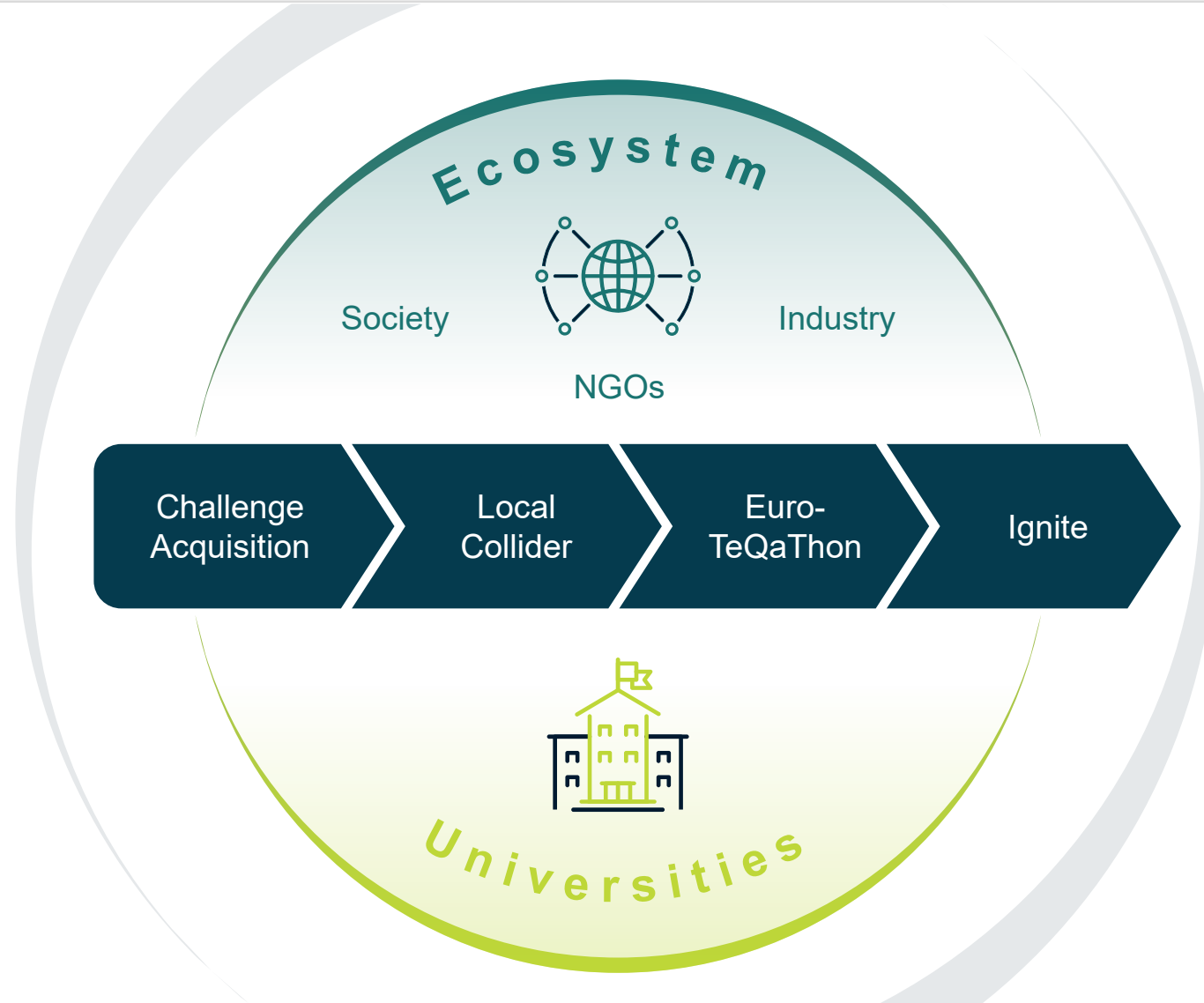# Future Project Structure
Work Packages & Flagships

From 2023 - 2027, we will

- ✓ Build on the growing EuroTeQ Campus and Collider experiences and increase offers and participation

- ✓ Integrate diverse target groups of academia as well as non-university stakeholders

- ✓ Promote the EuroTeQ (Collaboration) Hub, as a bridge between educational research and pedagogical practice

- ✓ Further establish the EuroTeQ brand and celebrate the EuroTeQ Day across campuses

Management
WP1

Outreach
WP6

Campus
WP2

Collider
WP3

Professional
WP4

Hub
WP5

Course Catalogue

Collider

Academy

Education Lab

Change Management

EuroTeQ Day

FLAGSHIPS

EuroTeQ Collider
Local Ecosystem

EuroTeQ Collider
Challenge Acquisition

EuroTeQ Engineering University

Co-Creation Approach
Involving industry, university and civil society

Main theme
Enhance Connections for Sustainable Futures

| Challenge Acquisition | Local Collider | Euro-TeQaThon | Ignite |

Activating the Ecosystem

Stakeholder

University

Real-World Challenges
in 3 categories/learning paths

Nature

People

Technology
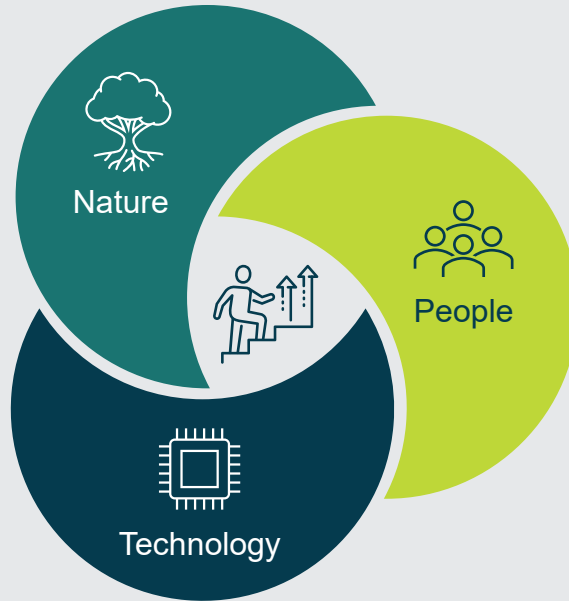
Tackled by

EuroTeQ

COLLIDER

Student

Vocational

Professional

EuroTeQ Collider
The local Collider in the Network

Launch Event

Local Event

Challenge Acquisition | **Local Collider** | Euro-TeQaThon | Ignite

8 weeks

TU/e EINDHOVEN UNIVERSITY OF TECHNOLOGY | ÉCOLE POLYTECHNIQUE | INSTITUT POLYTECHNIQUE DE PARIS | TAL TECH

7 weeks

DTU

5 weeks

CTU CZECH TECHNICAL UNIVERSITY IN PRAGUE | TUM
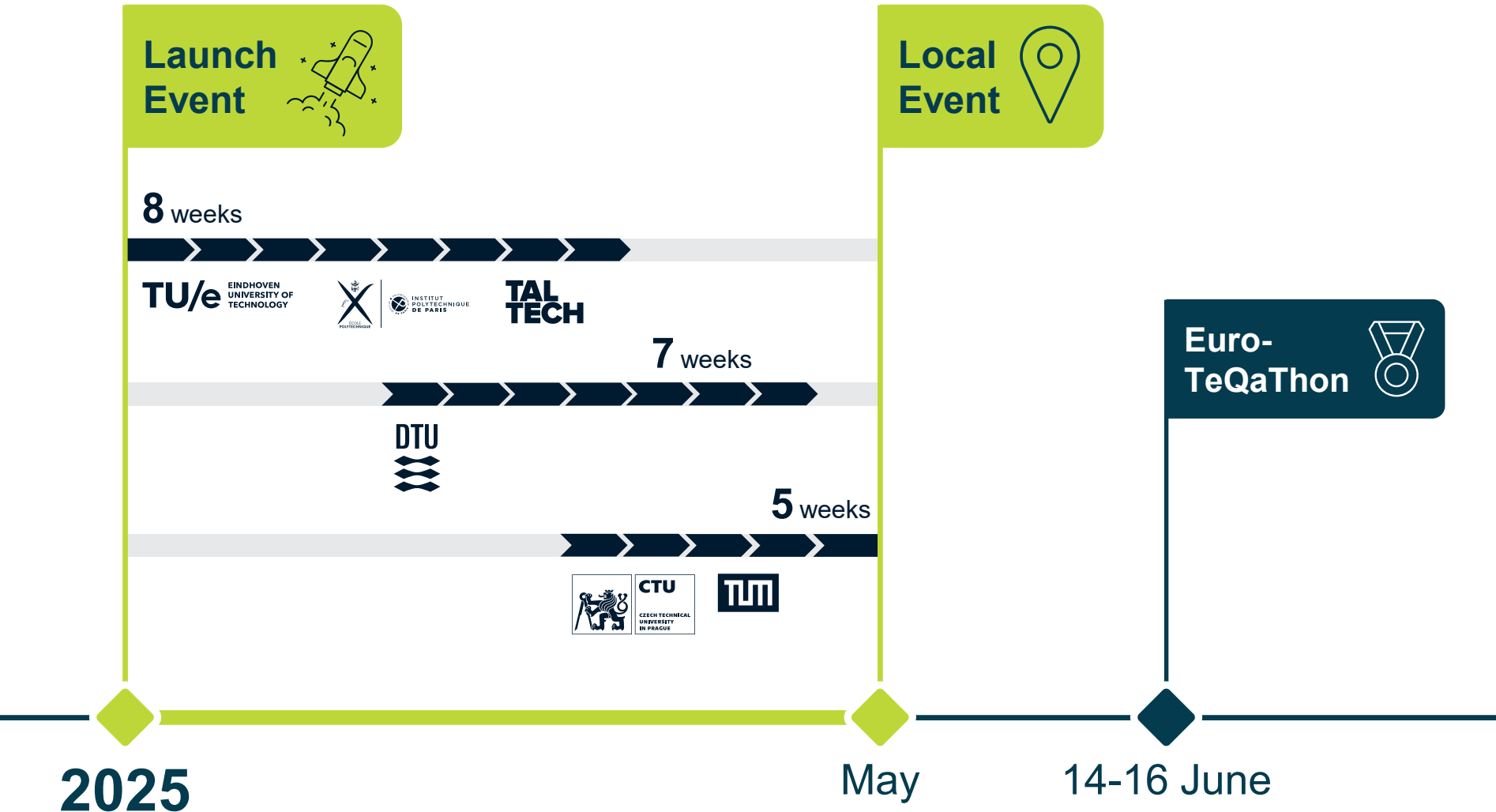
Euro-TeQaThon

At each partner the Collider is made up of

▶ Project work

▶ Course work

▶ Mentoring

▶ Independent group work in diverse teams

2025

May

14-16 June

EuroTeQ Collider
The EuroTeQ Collider at TUM

Challenge Acquisition | **Local Collider** | Euro-TeQaThon | Ignite

Launch Event

Course Work
- CBL – a new approach to learning ▶
- Agile Project Management ▶
- Storytelling with AI ▶

Accompanying offers
- Supervising by Professionals ▶
- Workshops offered by our partners (SDGs, etc.) ▶
- Co-Working Spaces ▶

Euro-TeQaThon

EuroTeQ Collider
The EuroTeQaThon

From local to European level

| Challenge Acquisition | Local Collider | **Euro-TeQaThon** | Ignite |

Prize

Competition

Platform for Networking and cultural exchange

EuroTeQaThon

3 days event

Candidate groups for EuroTeQaThon
3 groups each

(ÉCOLE POLYTECHNIQUE · INSTITUT POLYTECHNIQUE DE PARIS · DTU · HEC PARIS · CTU CZECH TECHNICAL UNIVERSITY IN PRAGUE · TU/e · TAL TECH · TUM · EPFL)

Judging panel

- Representatives from industry
- University Advisory Board
- EuroTeQ
- Public bodies
- NGOs

3 teams win pitch Europe-wide

A
B
C

Award

EuroTeQ Collider
The Ignite Bootcamp

Challenge Acquisition → Local Collider → Euro-TeQaThon → **Ignite**

EuroTeQaThon

3 days event

Candidate groups for EuroTeQaThon
3 groups each

ÉCOLE POLYTECHNIQUE · INSTITUT POLYTECHNIQUE DE PARIS · DTU · HEC PARIS · CTU CZECH TECHNICAL UNIVERSITY IN PRAGUE · TU/e · TAL TECH · TUM · EPFL

▶ IESE Bootcamp – pilot in 2024

▶ From 2025: explore existing offers within the ecosystem

▶ From 2025: variety of offers considering the diversity of teams

9

EuroTeQ Campus: Course Catalogue
Where virtual, physical and blended learning thrives

- **Partners open selected courses** to all EuroTeQ students, in virtual, blended or hybrid format

- All courses taught in **English**

- Participation **free of charge**

- Possible **recognition** of ECTS credits

→ **Euroteq.eu/courses**

EuroTeQ Campus: Course Catalogue

What's in it for the students?

- Opportunity to broaden or deepen **skills profile**

- Exposure to **new topics, new formats, new modes of delivery**

- Enable **intercultural and international collaboration** in the classroom

EuroTeQ Campus: Course Catalogue
Where virtual, physical and blended mobility thrives

[EuroTeQ - Study in multiple countries at once (youtube.com)](youtube.com)

EuroTeQ Campus: Course Catalogue
Where virtual, physical and blended mobility thrives

Partner university	EuroTeQ Courses
TU/e (Netherlands)	Programming
TalTech (Estonia)	ESG Accounting and Reporting
TalTech (Estonia)	Robotics
L'X (France)	Cyersecurity – the Hacker Experience
DTU (Denmark)	Machine Learning and Data Mining
CTU (Czech Republic)	Corporate Social Responsiblity
Technion (Israel)	Foundations of Quantum Mechanics
	…And 100 more! Application open on October 29!

EuroTeQ Campus: Course Catalogue
Where virtual, physical and blended mobility thrives
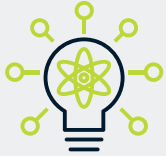
Scan me

✓ **Application period for spring / summer courses:**

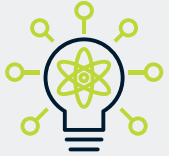• **Oct. 29 – Nov. 29 2024**

TUM Global & Alumni Office: even more opportunities
explore our full portfolio of study abroad options & more...

- Discover a new country and **immerse yourself in the daily life at a partner university**

- **Financial support** via Erasmus+

- **Recognition** of academic achievements completed abroad

- **Intercultural** competence and language skills

More events during Fit for TUM from the TUM Global & Alumni Office:

Going abroad with TUM
Wednesday, Oct. 9, 2 – 3 pm

International Campus Life & ESN TUMi
Thursday, Oct. 10, 1 – 2 pm

EuroTeQ Engineering University

EuroTeQ Engineering University

EuroTeQ Engineering University

TUM Global & Alumni Office – euroteq.mobility@tum.de
TUM Junge Akademie - euroteq@ja.tum.de
Technical University of Munich

www.euroteq.eu   EuroTeQ Engineering University