



Executive Programme in

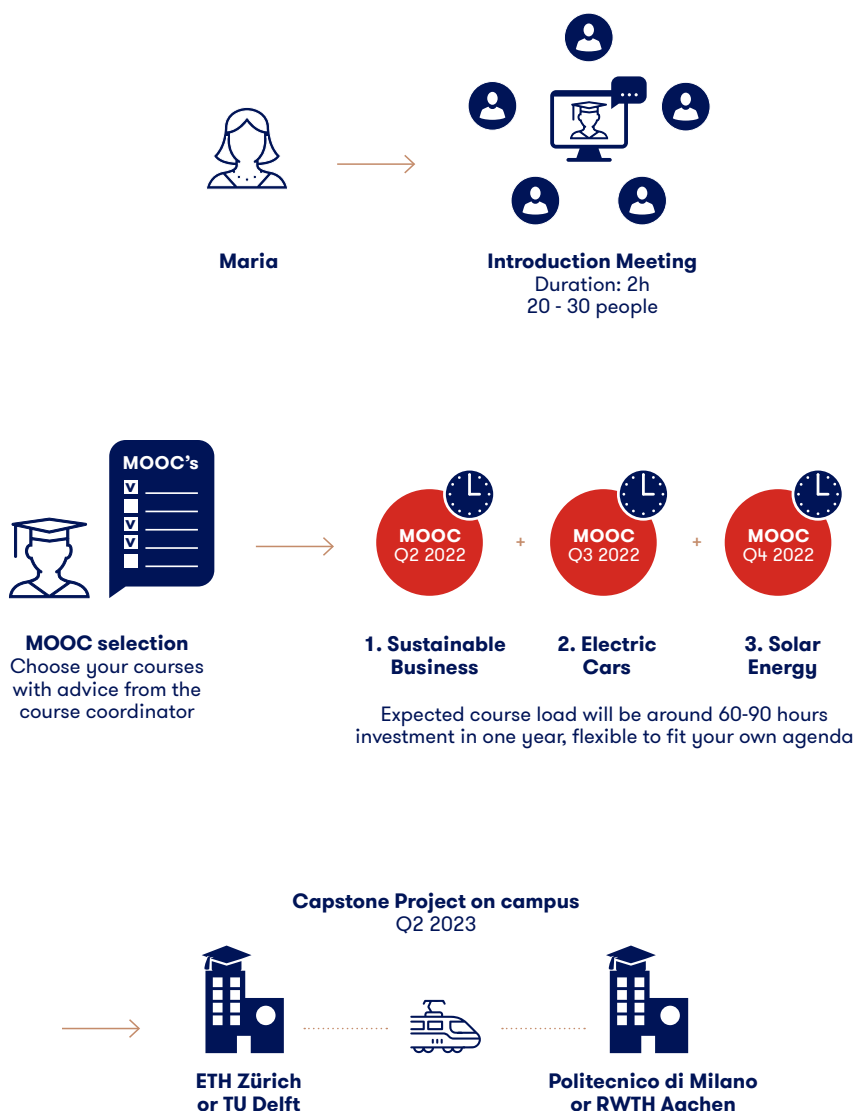
# Future Technologies

Gain exclusive insight into future innovation. Empower your business skills with IDEA League's Executive Programme, an initiative set up by five leading European universities of science and technology to prepare you for a tech-driven sustainable future.

# What can you expect?

The two tracks, *Emerging Technologies* and *Sustainability*, give you access to online modules on the latest scientific innovations. You do not need to be an expert on the topic, we will help you connect with experts to help your career evolve. Advanced courses are available for those with more expertise.

## Executive Programme Course Example



### 1. Together with our course coordinator you select a tailor-made programme of MOOCs.

Gaining practical understanding of sustainable change and emerging technologies will allow you to stay ahead of the curve and shape future innovation. Upon completing the introductory course, you may select three of the over 25 unique online courses. They are offered to you by some of the best technical universities in Europe: TU Delft, Politecnico di Milano, ETH Zürich, RWTH Aachen and Chalmers University.

### 2. Study three courses at your own pace.

The twenty-week executive track focuses on future tech ranging from AI and robotics to smart mobility, investigating how topics like this affect your business.

### 3. End the programme with a capstone project on campus.

The capstone project is built to fully integrate the knowledge you have acquired in practical skills. Demonstrate your new expertise in a special case study. The capstone project takes place at Politecnico di Milano and ETH Zurich or TU Delft and RWTH Aachen (tbd).

# Our executive programmes



**“Whether you work in finance or law, healthcare or media.”**

## Emerging Technologies Programme

*Gain exclusive insight into future innovation and enhance your skills.*

Over the course of twenty weeks, you will gain critical business skills in themes ranging from AI and Industry 4.0 to electric mobility and the circular economy. A two-hour introductory session will be followed by three in-depth courses from five world class universities. The capstone project can be completed onsite visiting two of our participating universities for a week-long deep dive using the knowledge you have acquired.

### What you will learn:

- Utilise the mechanics behind Industry 4.0
- Gain insights into selected technologies outside your field
- Discover artificial intelligence, robotics and big data
- Dive into the fascinating world of quantum computing and the internet
- Learn to utilise emerging technologies in your business

### Available MOOCs in this programme are, amongst others:

- AI in practice: preparing for AI
- The quantum internet and quantum computers: how will they change the world?
- Hello (Real) World with ROS – Robot Operating System

## Sustainability Programme

*Lead globally on sustainability. Learn impactful business strategies that focus on effectively reducing footprint.*

The tracks are exclusively curated to fit the ambitious professional looking to accentuate their career and team with important technology-driven themes. Whether you work in finance or law, healthcare or media. Each track is designed to help you connect the latest technological advancements to opportunities for your own colleagues, clients or customers by putting emerging technologies and sustainability concepts to practical use.

### What you will learn:

- Discover real circular opportunities in your industry
- Work with regenerative materials to reduce your footprint
- Increase sustainability of your offices or datacentres
- Use the power of electric mobility to your advantage
- Empower your team and organisation to create a sustainable future

### Available MOOCs in this programme are, amongst others:

- Electric Cars: Policy / Business / Technology
- Sustainable Packaging in a Circular Economy
- Zero-Energy Design: an approach to make your building sustainable
- Sustainable Urban Development

# Practical information

## About

- Over 25 online elective courses (available-MOOCs-Executive-Programme)
- Onsite capstone project in Milan and Zürich or Delft and Aachen
- 5 hours per week (depending on courses selected)
- 20-week track (depending on courses selected)
- English language
- No prior technical education or training required

This executive programme is suitable for engineers but does not require prior technical education or training. Our introductory course and elective specialisations have been designed to be accessible and inclusive. The programme is relevant for professionals who are looking to lead and support their team's transition to a technology-based sustainable future.

*“Sharpen your profile, expand your professional network and stay on the cutting edge of science and technology.”*

## Online and On Campus

Work with online collaborative learning and register for the onsite capstone project in Zürich and Milan or Delft and Aachen. Choose from over fifty curated courses set up over two executive tracks designed to gain practical insights and analytical skills. Sharpen your profile, expand your professional network and stay on the cutting edge of science and technology.

## Costs and General Information

- Course certificates are available in the paid verified track and a programme certificate is available upon completion of the capstone project.
- The cost of the whole programme is €5,000.
- The programme is designed to be accessible to everyone with a level 6 EQF, equivalent to an undergraduate level of studies (not necessarily technical).

**For more information and registration, go to:**  
[idealeague.org/futuretech](http://idealeague.org/futuretech)

