

# International CCS+ Education Programme

Initiated by



# Reason and goal



## Europe's Rails Need a Digital Boost—Now

Europe's rail sector is evolving fast. To stay competitive and seize new opportunities, it must embrace digitalization and move from national to European-level solutions—especially for cross-border travel.

## CCS+ Makes Rail Careers Future-Ready

The CCS+ Education Programme creates a unified training system across Europe, making rail careers more appealing, reducing learning time, and supporting key initiatives like ERTMS and the Single European Railway Area.

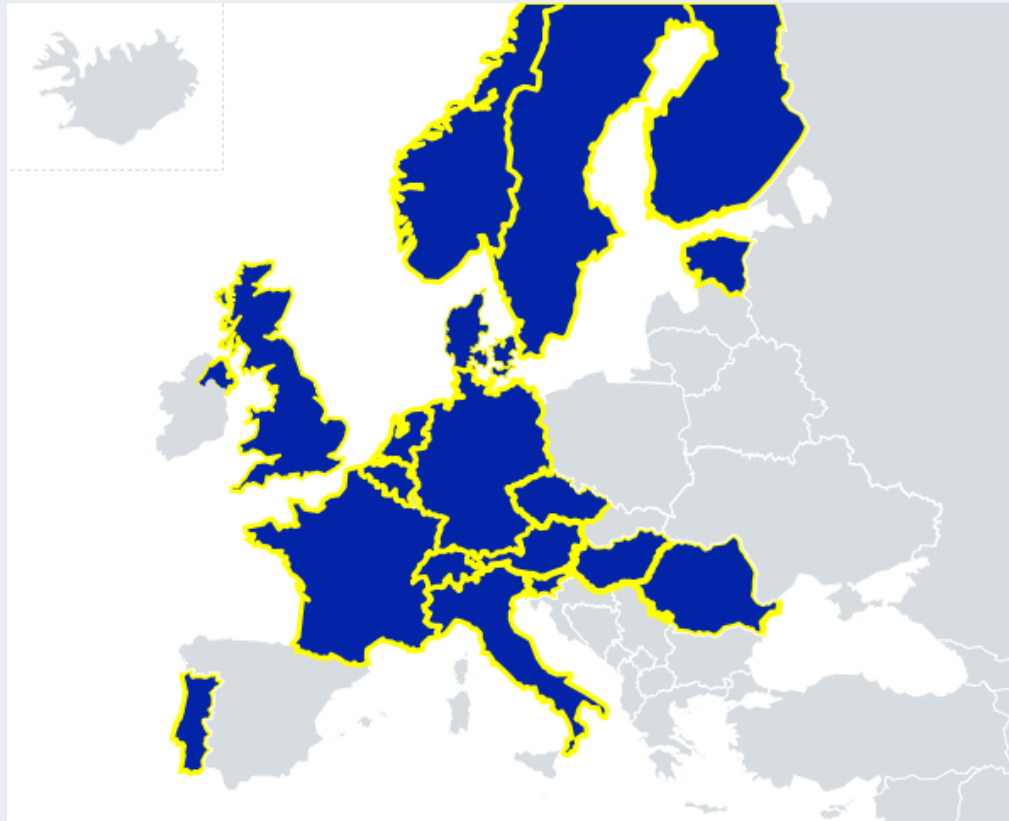
**It's the foundation of a smarter, greener, more connected rail future.**



# CCS+ Education Programme - Development



## Staff, Participants & Lecturers 2023-2026



### Country of Origin:

- Austria
- Belgium
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Germany
- Great Britain
- Hungary
- Italy
- Norway
- Portugal
- Romania
- The Netherlands
- Slovenia
- Sweden
- Switzerland



# CCS+ Education Programme - Development



CCS+ Education Programme

2023



Summer School 2024  
CCS+ Education Programme

2024



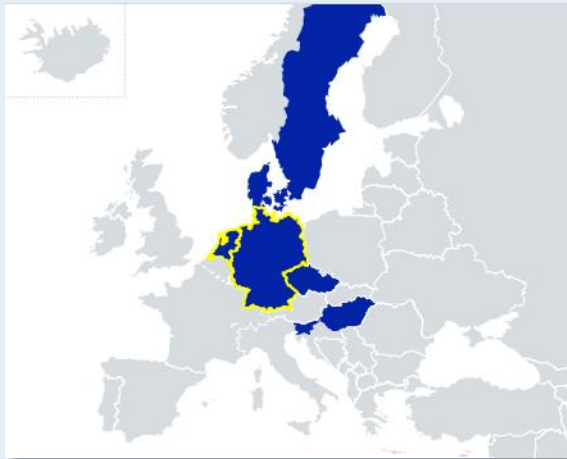
Summer School 2025  
CCS+ Education Programme

2025



Summer School 2026  
CCS+ Education Programme

2026

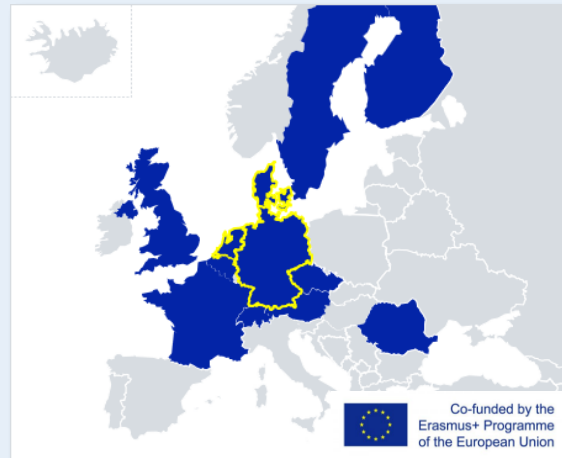


Country of Origin  
Staff Members:

Germany  
Netherlands  
Denmark  
Switzerland  
Czech Republic  
Belgium



50 % Women in participants  
and organization team



# Target groups - Target programme

The International CCS+ Education Programme focuses on four target groups with a specific programme for each target group:

## Target groups

- University students
  - Master's degree
- Rail Newcomers/Young professionals
  - 1- 4 years' experience in digital rail
- High(er) Management
  - Board of directors in railway organizations, Ministry, EU
- Rail Experts
  - Network of professionals from all groups



## Target programme

Master's Programme

CCS+ Summer School

Executive Master Classes

Expert Meetings



# What is the benefit for your company



## Your “return on invest” Impact makers

- Onboarding of employees into the European Theatre
- Expert Directory of former participants
- Easy accessible European network to gather information
- Big community of Rail Experts
- Internationalization of your employees
- Latest information on developments and trends - e.g. language, NTS (non-technical skills)
- Create pride on the rail sector
- What skills are needed for future employees (AI, language, IT Sec, ...)

## Your “return on invest” Technical

- Exchange of operational knowledge
- “Don´t invent the wheel a second time”
- Latest information on technical developments and trends
- Fast access for problem solving
- Cross border knowledge
- Resilience, Cyber Security, Awareness
- Create sector-wide platform with low entrance limits



# Your support

## We appreciate your support

- Allowing your employees to **participate** in the **CCS+ Summer School** and **Expert Meetings**
- Supporting your employees to become a **member of the organization team**
- **Advertise** the CCS+ Education Programme in **your company** and with **your partners**
- Become an **official partner** of the CCS+ Education Programme

## Field of participation in the organization

- Work package member
- Work package leader (Summer School, Expert Meetings, Executive Master, Master Studies)
- Programme Management (e.g. Stakeholder, Financial, Marketing and PR, Funding, Reporting)



# University students

## International Master

- The project aims to create an Erasmus Mundus Joint Master program uniting European universities for comprehensive rail-related education. A curriculum board of academic and industry experts will guide content to meet technological and internationalization challenges, incorporating IT, AI, and cross-border knowledge alongside existing rail-related subjects.
  - Full (accredited 120 EC) Master
  - Broad scope within the topic ‘digitalization in rail’
  - Join forces with universities in different countries instead of not being able to offer a full program as a single university
  - Minimum of three countries (key universities) needed for financial support from Erasmus+ funds
  - First round to gauge interest
  - Basis for an international career in the (digital) rail industry



# Rail Newcomers/Young professionals



## CCS+ Summer School

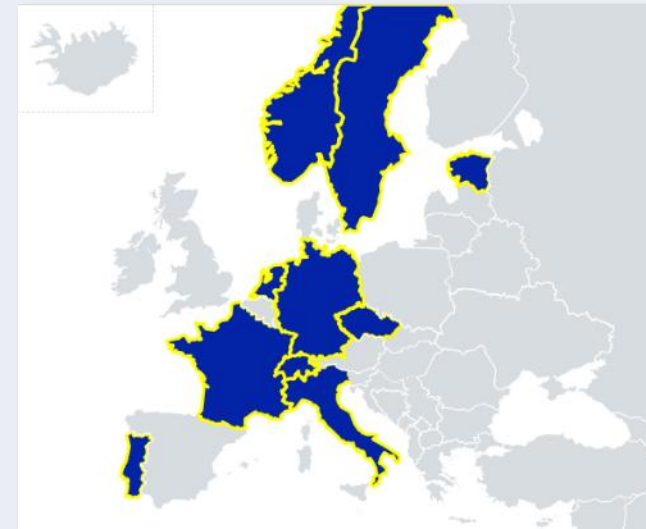
- Two-week all-inclusive programme
- In three different European countries
- Lectures from university professors and experts from the rail industry
- Group assignments on current topics
- Technical visits
- Social program
- Networking



# Young professionals

## CCS+ Summer School 2025

- 22 participants from 10 Countries – Czech Republic, Estonia, France, Germany, Italy, Norway, Portugal, The Netherlands, Sweden and Switzerland
- Two days in Brussels (B), four days in Amersfoort (NL) and one week in Darmstadt (Ger)
- Educational Partner in 2025 was the Technical University Darmstadt
- 50 % Women in participants and organization team



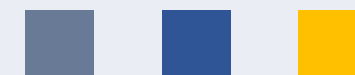
# Young professionals

## CCS+ Summer School 2026 (Sept. 13-25)

- Max. 30 participants from all over Europe
- Three days in Brussels (B), three days in Amersfoort (NL) and one week in Wildau/Berlin (Ger)
- Educational Partner in 2026 will be the Technical University of Applied Science Wildau
- Excursion to the international fair InnoTrans, Berlin
- Visit to the ICE and Diesel Locomotive Heavy Maintenance Facility, Cottbus
- Hands-on training of different generations of interlockings at Training Facility, Cottbus
- Focus on diversification and multi-cultural mix of participants and organization team



ProRail



# Promotion videos 2023, 2024 and 2025



<https://youtu.be/fM-IVjdhyBM>



<https://youtu.be/6RCh6xzs49A>  
<https://vimeo.com/1053294124>



<https://youtu.be/DdXhAd5-5DU> and

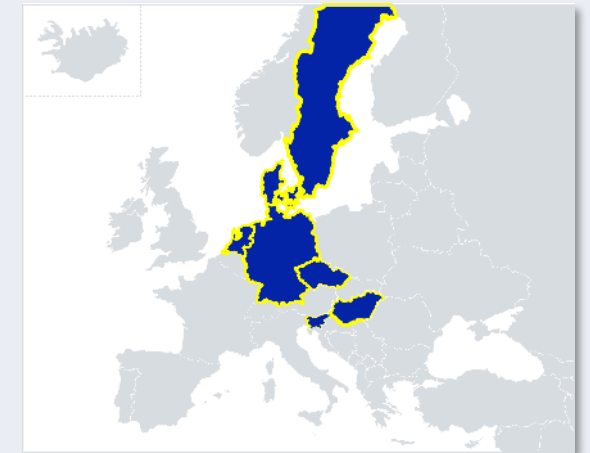
<https://youtu.be/QWvdIZEj174>



# Young professionals

## CCS+ Summer School 2023

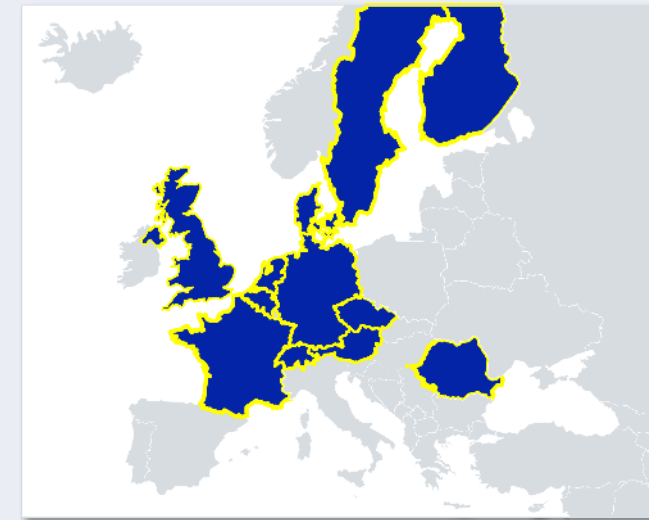
- 31 participants from 7 countries - Czech Republic, Denmark, Germany, Hungary, Slovenia, Sweden and The Netherlands
- One week in The Netherlands and one week in Germany at two locations



# Young professionals

## CCS+ Summer School 2024

- 28 participants from 12 Countries – Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Great Britain, The Netherlands, Romania, Sweden and Switzerland
- Two days in Brussels (B), four days in Amersfoort (NL) and one week in Erfurt (Ger)
- Educational Partner in 2024 was the University of Applied Science in Erfurt



# Expert Meetings



## Meet up of rail experts and CCS+ Summer School Alumni

- Open to everybody in Rail interested in CCS
- 3-4 meetings per year (physical and MS Teams)
- Excursions / Technical visits
- Discussion of current topics
- Meet the current CCS+ Summer School participants
- Social program
- Networking

The aim of the Expert Meetings is to foster the professional network of workers in digital rail. It is a place to receive updates on the newest developments in the railway organizations, discuss relevant topics and brainstorm solutions. It is also a social network that can help arrange technical and site visits, exchanges and networking events.



# High(er) Management



## Executive Master Class

- Compact afternoon – evening – morning event
- 2-3 sessions
- Topics presented by high level experts (i.e. professors from universities)
- Exchange lessons learned / best practices
- Networking



# Further information

## For further information please visit

- Website <https://ccs-education.com/>



- LinkedIn <https://www.linkedin.com/company/103857650>



- E-Mail [info@ccs-education.com](mailto:info@ccs-education.com)



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# Supported by



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