

A large group of students, mostly young adults, are posed on the wide, ornate stone steps of a grand, classical-style building with large arched windows. They are holding numerous green and white banners with the 'ESTIEM' logo and various regional or university affiliations. The students are dressed in casual attire, and the overall atmosphere is one of a large-scale group event or conference.

***ESTIEM***

# European Students of Industrial Engineering and Management

AIM Conference, September 2023



# AGENDA

**01**

**About ESTIEM and TBV Lugus**

**02**

**Education in ESTIEM and TBV Lugus**

**03**

**Collaboration with AIM**





**Mathijs Tjeerdsma**

Local Group Groningen  
20 years old, 3<sup>rd</sup> year of Bachelors in IEM

# President of TBV Lugus

- Spokesperson of TBV Lugus
- Connection between students and the degree programme
- Manager of the association

other responsibilities:

- Meetings





**Marlene von Steinaecker**

Local Group Berlin  
23 years old, third year Bachelors IEM student

# Vice President of Education

- Professional development of IEM Students (academic & career events)
- Development of IEM in ESTIEM
- Management of professional institutions partnerships

other responsibilities:

- Grants Committee
- South West Region
- strategic development of ESTIEM





# 1.1 About ESTIEM







ESTIEM is an umbrella organization that connects, develops and represents the students of Industrial Engineering and Management in Europe





# MISSION

**Connect and support** the growth and sustainability of European associations of IEM students,

to foster relations and to **develop** their IEM students, **personally and professionally.**



# About ESTIEM



Founded in 1990



**Students Organization**

University Students of Industrial  
Engineering and Management in Europe



**Voluntary & Non-profit**



**Non-governmental &  
apolitical**

ESTIEM doesn't support directly any  
political party, movement or country

+160 events  
organized every year

+1400 students  
travel with ESTIEM every year

+170 students  
working in international teams

76 Local Groups  
in 26 countries





## 1.2 About TBV Lugus





# Why Groningen?

- **Top 100 University**
- **Famous Alumni**
- **Student City (25%)**
- **International Atmosphere**



# About TBV Lugus

- **Founded in 2002**
- **Over 700 Members (95%)**
- **For and by IEM Students**
- **100 Activities**





# Activities of TBV Lugus

- **Social**
- **Sport**
- **Study Support**
- **Career**
- **Personal Development**



# ESTIEM of TBV Lugus

- **ESTIEM Exchange**
- **Times Case Competition**
- **Council Meetings**
- **Certificates**





## 2.1 Education in Central ESTIEM





# How do we impact IEM Education?



## Complementing Education

Through events



## Development of formal education

Write papers & conducting  
research projects on IEM



## Connecting stakeholders



Complement  
Education

# Our services

Support  
formal  
education

## Academic Development



Data Science  
Course

## Career Development



## Intercultural Development



## Personal Development



Connecting  
stakeholders



Complement  
Education

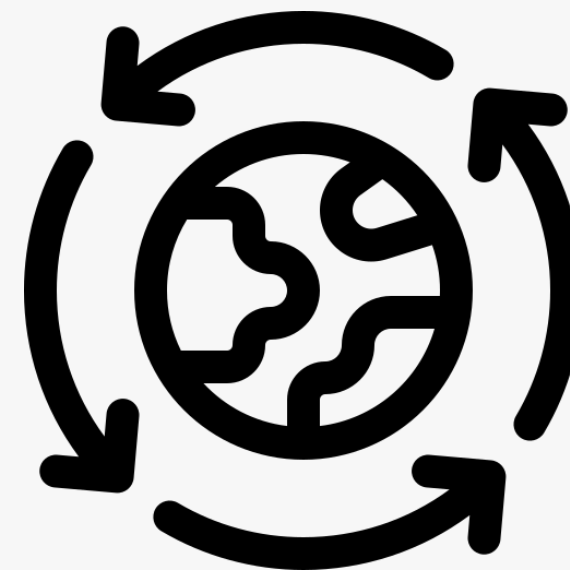
# Circular Economy Course

## GOAL:

Creation of a sustainable, certified Circular Economy Course, from students to students, with the goal to become a stable service within ESTIEM

## Input needed:

What is a feasible concept and content for a Circular Economy Course within a student organization?



Support  
formal  
education

Connecting  
stakeholders



**Complement  
Education**

**Support  
formal  
education**

**Connecting  
stakeholders**

**2020**

**Professional Development  
Committee was born to  
conduct projects that  
support formal education**



# Curricula Analysis

Complement Education

Support formal education

Connecting stakeholders

Scope of the Areas	Scientific Areas
Sciences	Basic and Advanced Sciences
	Mathematics
Engineering	Mechanics
	Chemistry
	Design and Manufacturing
	Fluids and Energy
	Electronics and Automation
	Informatics
	Data Science
Management	Sustainability and Environment Improvement
	Finances and Economics
	Business and Management
	Organizational Knowledge
Industrial Engineering and Management	Statistics and Operational Research
	Operations Management
	Industrial Engineering and Management
Other	Transversal Competences
	Social Sciences
	Others

## GOALS

- Understand the scope of IEM
- Support curricula development

## PRODUCTS

- Dashboard with the results
- Papers/articles
- Discussions

## INPUT NEEDED:

What is a feasible scope of such a dashboard and what information would be interesting for you?

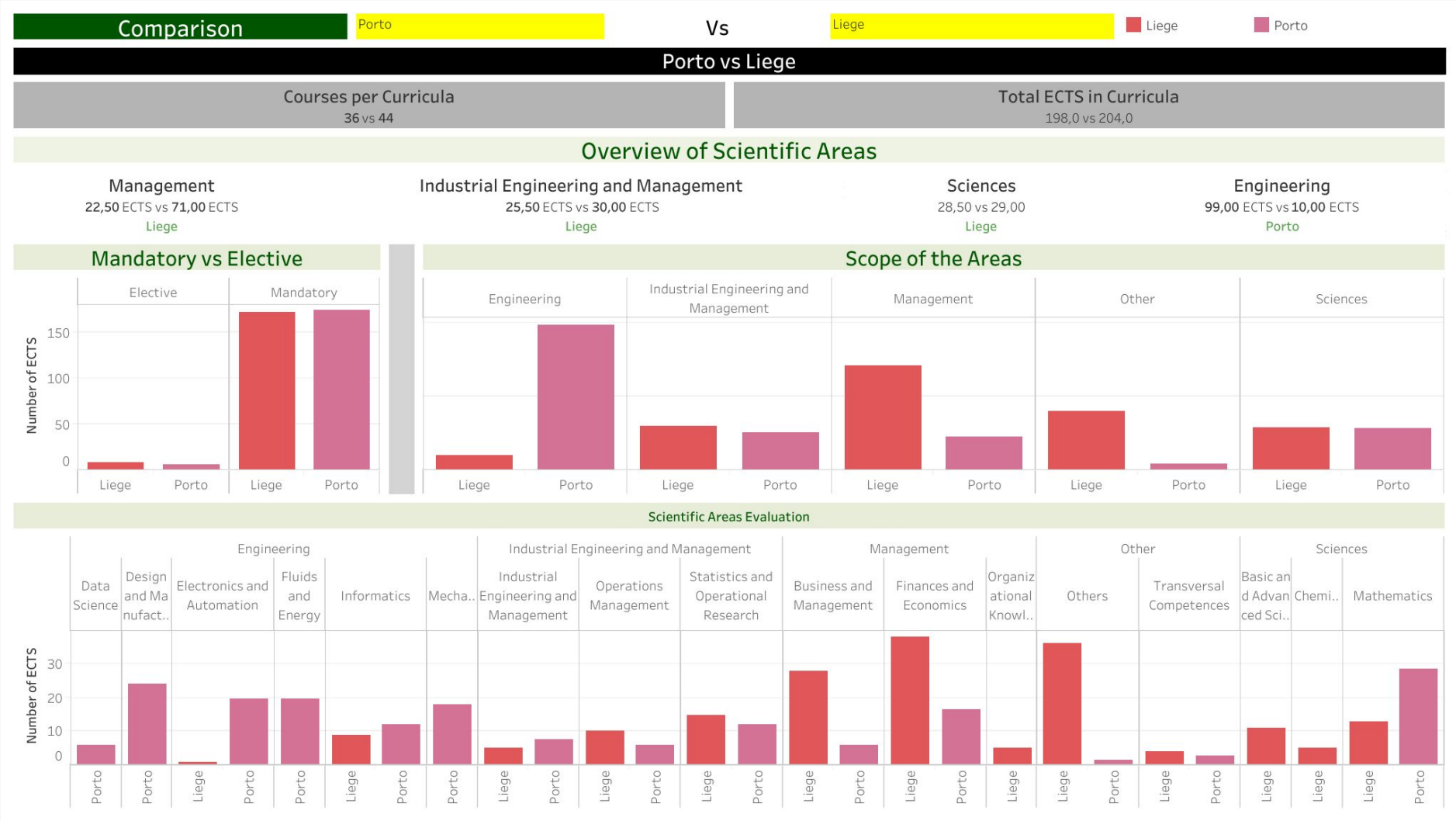


# Curricula Analysis

Complement  
Education

Support  
formal  
education

Connecting  
stakeholders





Complement  
Education

# URGENT Project

## INFORMATION

UnderRepresented Groups of ENgineering sTudents is a project of the Engineering Technology Education Research (EHTER) at the Leuven University (Belgium)

## GOALS

The project aims to improve the attraction and retention of female students and students with a migration background in engineering programs

## Input needed:

What is interesting for you to know about this topic? We are currently conducting workshops to get information, how can we get a representative image?

Support  
formal  
education

Connecting  
stakeholders



Complement  
Education

Support  
formal  
education

Connecting  
stakeholders

**We are open for more projects, that can  
support formal education of IEM!**



Complement  
Education

our academic  
partners

Support  
formal  
education

Connecting  
stakeholders





Complement  
Education

**Goal:** Bring students, academia and companies together, to discuss the developments of IEM

Research

**Input needed:** Are you interested in such an event? If yes, what would you like to hear during the conference?

Connecting  
stakeholders



**Targu Mures,  
September 2024**



A large group of students, mostly young adults, are posed on a grand, ornate staircase with multiple levels and arches. They are holding numerous green and white banners that feature the 'ESTIEM' logo and various regional or university affiliations. Some visible banners include 'ESTIEM LG XANH', 'ESTIEM LG Calabria', 'ESTIEM AUVERGNE', 'ESTIEM LG DORTMUND', 'ESTIEM LG MÜNCHEN', 'ESTIEM LG LYON', 'ESTIEM LG RIGA', and 'ESTIEM LG GRAZ'. The students are dressed in casual attire, and the overall atmosphere is one of a large-scale group event or conference.

## 2.2 Education in TBV Lugus





# Study Road of TBV Lugus

- 3 Year Bachelor
- PTL and SPE
- 2 Year Master
- Alumni



# General Education of IEM in **TBV Lugus**

- **Technical Focussed**
- **Deeper Understanding**
- **Thought Provoking**
- **Sustainable Engineering**







# ESTIEM is the facilitator of knowledge

Since we don't have knowledge ourselves, we need input from experts:

Development of the curricula  
database

Development of the Circular  
Economy Course

Concept for IEM conference

We are open for more  
projects, that can  
support formal  
education of IEM!



# Thank You!



[www.estiem.org](http://www.estiem.org)



[/estiem\\_official](https://www.instagram.com/estiem_official)



[/company/ESTIEM](https://www.linkedin.com/company/ESTIEM)



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