ESTIEM

European Students of Industrial Engineering and Management

AIM Conference, September 2024

AGENDA

01   **About ESTIEM**

02   **Education in ESTIEM**

03   **Collaboration with AIM**

European Students Of Industrial Engineering and Management
www.estiem.org

ESTIEM

Vice President of **Education**

- **Professional development of IEM Students (academic events)**

- **Development of IEM in ESTIEM**

- **Management of professional institutions partnerships**

other responsibilities:

- Balkan & North East Region
- IEM Caring Foundation
- Members Committee

Fran López

Local Group Cartagena - Spain
25 yo, Industry 4.0 Master - Bachelor
Industrial Technologies Engineering

1 About ESTIEM

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

European Students Of Industrial Engineering and Management
www.estiem.org | ESTIEM

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**.

European Students Of Industrial Engineering and Management
www.estiem.org

ESTIEM

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

+180 events
organized every year

+1800 students
travel with ESTIEM every year

+200 students
working in international teams

78 Local Groups
in 28 countries

2. 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

Our services

Complement Education

Support formal education

Connecting stakeholders

Academic Development

LEAN SIX SIGMA GREEN BELT COURSE

VISION

Visual Storytelling with Data

CIRCULAR ECONOMY

Career Development

BE X FOR X DAYS

business booster

T·I·M·E·S
Tournament in Management and Engineering Skills

Intercultural Development

Activity Week

europe3D
politics | economy | culture

Local Group Exchange

ESTIEM Language Programme

Personal Development

BrainTrainer

Summer Academy

New academic events

Complement Education
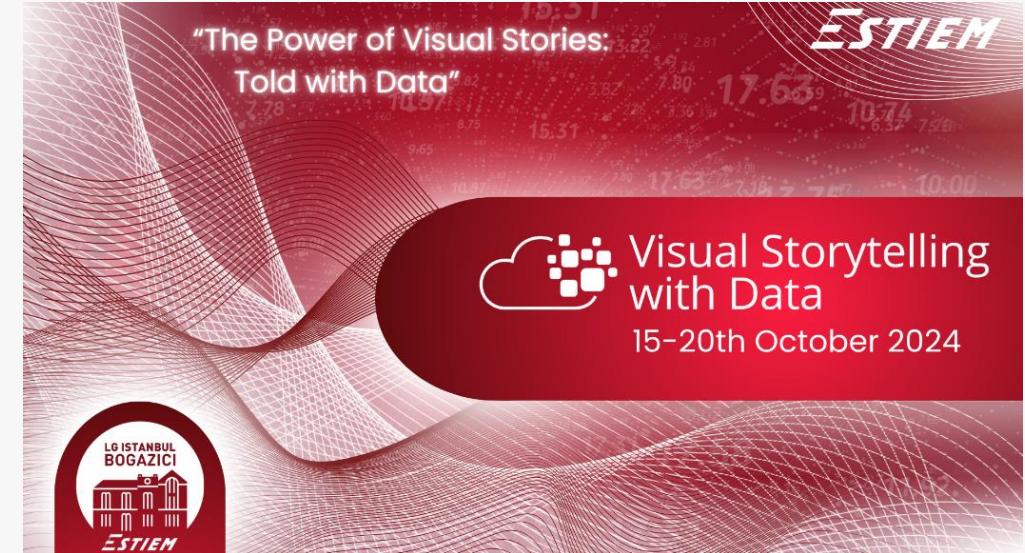
Support formal education

Connecting stakeholders

Complement
Education

**Support
formal
education**

Connecting
stakeholders

2020

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

Curricula Analysis

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
	Sustainability and Environment Improvement
Management	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

Complement Education

Support formal education

Connecting stakeholders

GOALS

Understand the scope of IEM

Support curricula development

PRODUCTS

Dashboard with the results
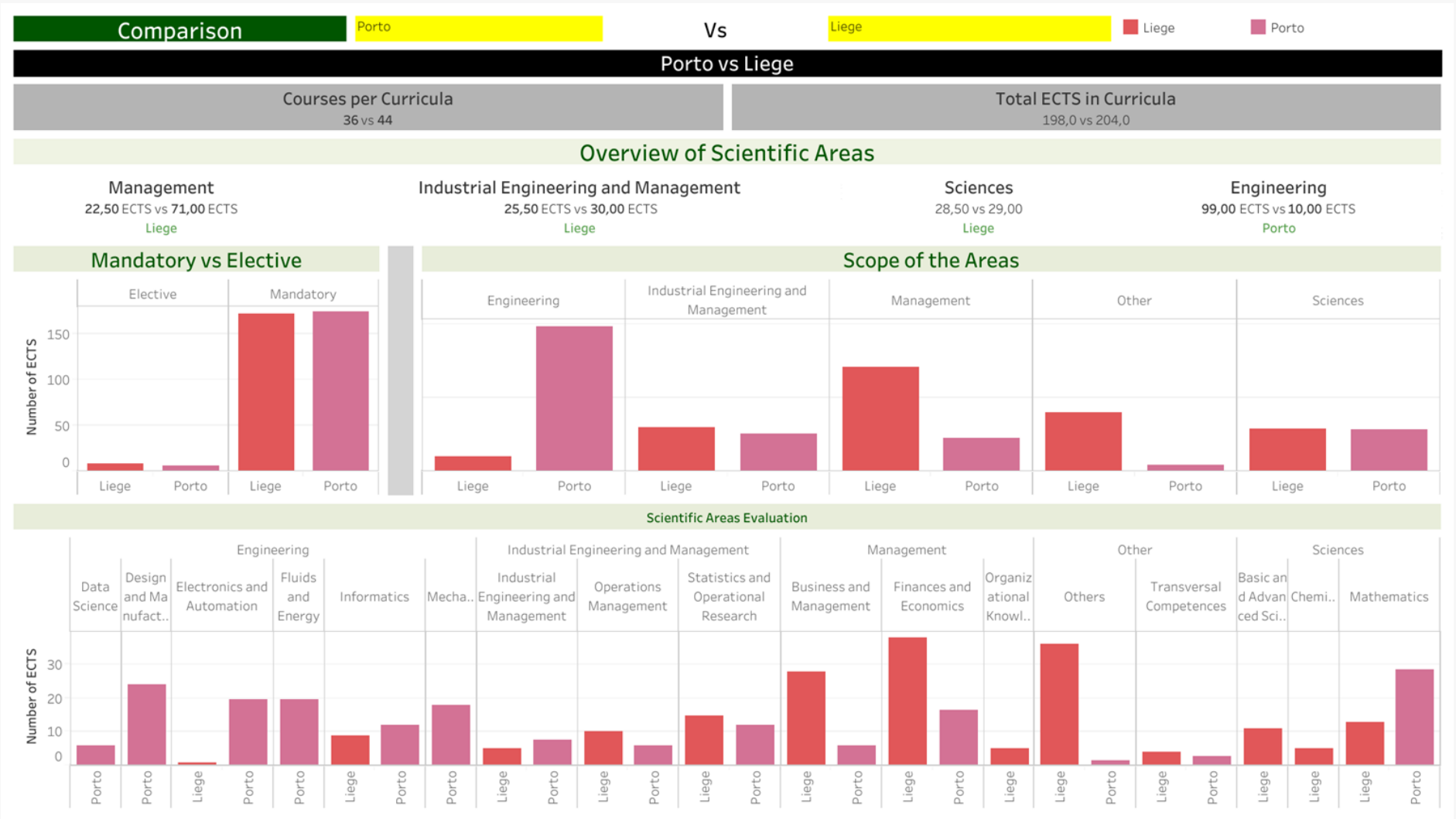
Papers/articles

Discussions

INPUT NEEDED:

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

Would you be interested in being hired part time to lead this project?

Curricula Analysis

URGENT Project

INFORMATION

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

Complete report in:
issuu.com/estiem

Publications & Research papers

Complement Education

Support formal education

Connecting stakeholders

University attractiveness and COVID-19 influence: a focus in Industrial Engineering and Management Students in Portuguese Universities - Marlene von Steinaecker

Student perspectives on sustainability in engineering education: multiple case study of European Bachelor's programs in Industrial Engineering and Management - Francisco Trigueiros

"Introspection into Portuguese universities' attractiveness: a focus on industrial engineering and management students" - Maria Seriodo

"Formal, Non-formal and Informal Education in the context of the student organization ESTIEM"

Input needed:
What is interesting for you to research in ESTIEM? Would you like to lead a research team with our organisation? Where and how can we get more impact in the IEM field?

Complement Education

Support formal education

Connecting stakeholders

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

3. Collaboration with AIM

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 local IEM courses

Topic for researchs

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

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ESTIEM

Thank You!

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in /company/ESTIEM

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