

WELCOME TO THE “STE(A)M COURSE



1 INTRODUCTION

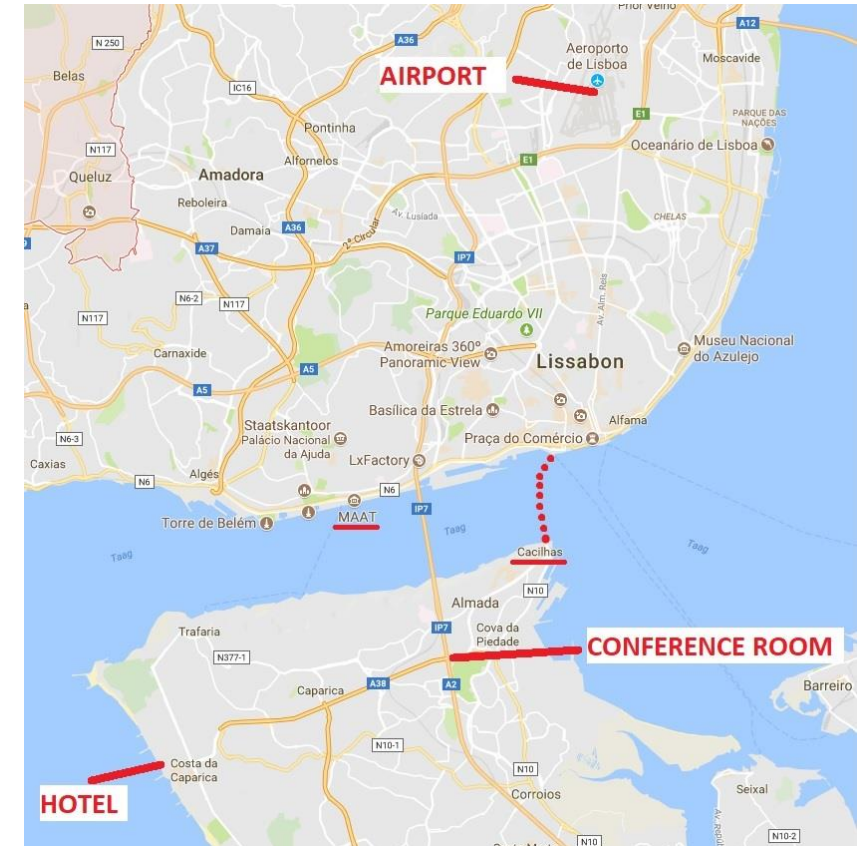


22ND TH - 27TH OCTOBER 2017

LISBON SOUTH BANK - ALMADA

KA1 COURSE in cooperation with:

- ALMADAFORMA: Centre Continuous Professional Development Teachers (PIC 945946911)
- Secondary School Emídio Navarro Almada (PIC948776304)
- Eekhout Academy (PIC 947859169)
- This year in total 51 participants, original hotel fully booked, 2 editions



BACKGROUND OF THE COURSE

STEM experience:

- Portuguese secondary school Emídio Navarro
- Network of STEM schools in Flanders
- Professionalization activities of ALMADAFORMA in Portugal
- Professionalization activities of Eekhout Academy in Flanders

KA2 project **“TEACHING STEM”** : involving Open University (NL), University Applied Sciences Wildau (DE), Secondary School Emídio Navarro (PT), Eekhout Academy FL-BE, Kaunas Science and Technology Park (LT) and Effebi Association (IT)

PARTICIPANTS COURSE OCTOBER 2017

30 participants:

Italy

Slovenia

~~Poland~~

Flanders (BE)

Macedonia

Spain

WORKING FORMAT



PREPARATION:

- PRE-TASK
- DIGITAL LIBRARY ON GD
- MAPPING STARTING SITUATION

DURING COURSE:

- LECTURE
- PRACTICAL WORK SESSION
- PEER EXCHANGE
- SELF REFLECTION
- INTERACTION
- STUDY VISIT
- SCHOOL VISIT
- DESIGN AND RESEARCH
- MASTERPIECE
- CLASS SESSION
- USE OF ICT AND PICS/MOVIE

WORKING FORMAT



FOLLOW UP ACTIVITIES:

- **DIGITAL LIBRARY**
- **E-MAIL CONTACT WITH TRAINERS**
- **SELF-EVALUATION**
- **LESSONS TAUGHT AFTER THE TRAINING EVENT**
- **NETWORKING WITH PARTICIPANTS**



TRAINERS

Jo Desutter; M. Sc. Eng. Elektro-Mechanics

Rui Baltazar; M. Sc. Information Technology

Wim Simoens; M. Sc. Eng. Bio-Chemistry, Post-graduate

Mauro Gentile; M.A. Visual Arts

Lurdes Cruz; M. A. Languages

Bert Sels; M. Sc. Eng. Chemistry

Joe Singh, general support

No one of us is native speaker English, allow us some mistakes 😊

COURSE ATTITUDES:

EFFECTIVE + INFORMAL + PERSONAL INVOLVEMENT

- We try to teach what we preach.
- The course isn't a recipe book.
- Active participation
- Informal atmosphere
- Goals and objectives

CONTINUOUS EVALUATION

EVALUATION BOX

- EVALUATION CARD
- ANONYMOUSLY
- ALL DAY, CONTINUOUSLY
- ASPECTS OF THE COURSE

TALK TO ORGANIZERS

- PERSONALLY
- EVERY ASPECT

EVALUATION FORM AT END OF COURSE

- ANONYMOUSLY
- COMPLETE COURSE

2 COURSE SCHEDULE (SEE PROGRAMME IN FOLDER)



SUNDAY 22/10/17		
13.15-13.45	Lobby hotel	Registration +course documents
13.45- 14.00	Bus	Transport to conference room “Almada Mundo”
14.00-16.15	Conference room	Introduction and Icebreaking activities; Official welcome by Lurdes Cruz, Most Hon. President of the Education and Cultural Council of Almada;
16.00-16.15	Bus	Transport to Cristo Rei
16.15 – 22.00	Cultural visit and	Visit to Cristo Rei and bridge
	Welcome supper	Fado <u>restaurant Tricanita</u>
22.00-22.15	Bus	Transport to hotel
MONDAY 23/10/17		
08.30-08.50	Bus	Transport to conference room “Almada Mundo”
09.00-0.30	Conference room	Course session
10.30-11.00	Coffee break	<u>Pastelaria</u> or coffee bar near conference room
11.00-12.30	Conference room	Course session
12.30-13.00	Bus	Transport to Lisbon - <u>Belém</u>
13.00-14.15	Lunch	Restaurant in Belem
14.30-17.00	Lisbon	Study visit to the bridge, MAAT and former electricity plant
17.00-17.45	Bus	Transport to hotel / People who want, can stay in <u>Belém</u> or Lisbon.
Free evening		

TUESDAY 24/10/17		
08.30-08.50	Bus	Transport to conference room “Almada Mundo”
09.00-10.30	Conference room	Course session.
10.30-11.00	Coffee break	Pastelaria or coffee bar near conference room
11.00-12.00	Conference room	Course session
12.00-13.15	Lunch	Restaurant near the conference room
13.15-13.45	Metro	Transport to school
14.00-16.30	School	Short welcome by principal and work session at school
16.30-17.00	Bus	Transport to hotel / People who want, can go to Lisbon
Free evening		

WEDNESDAY 25/10/17		
08.30-08.50	Bus	Transport to conference room “Almada Mundo”
09.00-10.30	Conference room	Course session
10.30-11.00	Coffee break	<u>Pastelaria</u> or coffee bar near conference room
11.00-12.00	Conference room	Course session
12.00-13.15	Lunch	In restaurant near the conference room
13.30-15.00	Conference room	Course session
15.00	Bus	Transport to hotel / People who want, can go to Lisbon
Free afternoon + evening		
THURSDAY 26/10/17		
08.30-08.55	Bus	Transport to school
09.00-10.15	School	Session at school
10.15 – 10.45	Coffee break	Teachers room school
10.45-11.00	Metro	Transport to conference room
11.00 – 12.30	Conference room	Course session
12.30-13.30	Lunch	In restaurant near the conference room
13.30-16.00	Conference room	Course session
16.00- 16.20	Bus	Transport to the hotel / 20 min. time in hotel
16.20-16.40	Bus	Transport to Fonte da Telha
16.40 -18.30	Cultural <u>visit</u>	Cultural visit to fishermen’s village on the beach: Fonte da <u>Telha</u>
18.45-21.45	Farewell supper	<u>Beach restaurant Borda d’ Água on Praia da Morena</u>
21.45-22.00	Bus	Transport to hotel

FRIDAY 27/10/17		
08.30-08.50	Bus	Transport to conference room “Almada Mundo”
09.00 – 10.30	Conference room	Course session
10.30-11.15	Conference room	Evaluation and certificates
11.15-12.00	Conference room	Extended brunch and ‘Keeping Contact’
12.00	Conference room	Official end
12.15-12.35	Transport	Transport to hotel / People who want, can go to Lisbon / airport.

3 PRACTICALITIES



EUROPASS AND OTHER DOCUMENTS

- **Europass:** PIC + location = Almadaforma
- **Mobility tool** = PIC Almadaforma
- **Learning agreements,** Mobility agreements, Quality agreement...
- **Certificate of attendance:** Almadaforma + Eekhout Academy
- **Certificate acquired competences:** Almadaforma + Eekhout Academy
- **Proof of payment:** Eekhout Academy
- Other documents

BOAT CACILHAS - LISBON

Time tables crossing the River Tejo :

<http://www.transtejo.pt/clientes/horarios-ligacoes-fluviais/ligacao-cacilhas-cais-do-sodre>



METRO LINE ALMADA (MTS)

<http://www.mts.pt/rede>



Green line / number 3

From conference room to boat station: direction “Cacilhas”

Metro stations: Ramalha, Bento Gonçalves, Almada, São João Baptista, Gil Vincente, 25 de Abril, Cacilhas

From boat station to conference room: direction “Universidade”

Metro stations: Cacilhas, 25 de Abril, Gil Vincente, São João Baptista, Almada, Bento Gonçalves, Ramalha

Time table metro Almada : <http://mts.pt/horarios>

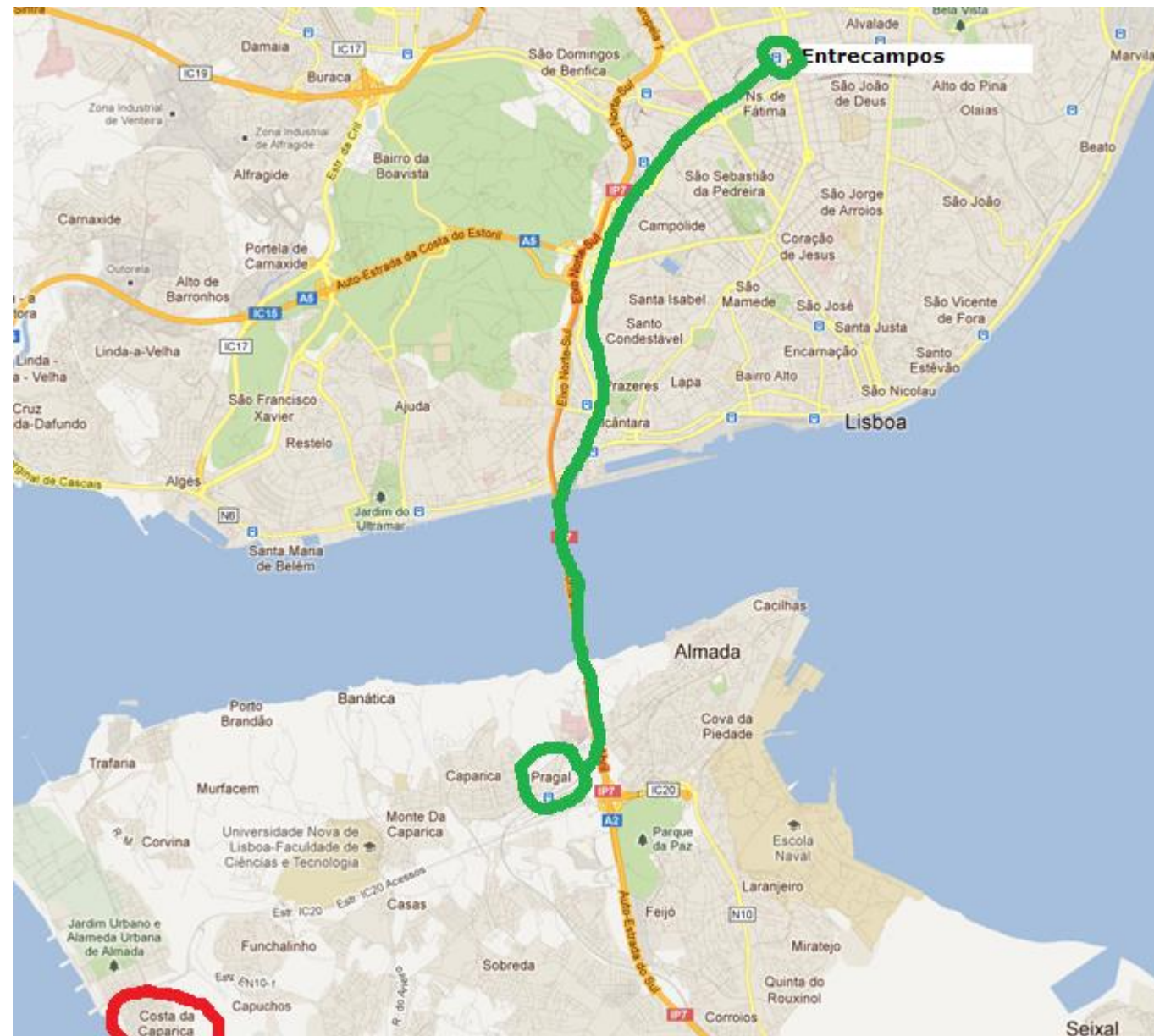
TRAIN

Train station Pragal to Entrecampos (Metro connection to Lisbon)

Crossing: 15 minutes

Pragal to Lisbon: <https://www.fertagus.pt/pt/fertagus#!popup/1/>

Lisbon to Pragal: <https://www.fertagus.pt/pt/fertagus#!popup/2/>





METRO MAP LISBON

[HTTP://WWW.METROLISBOA.PT/ENG/WP-CONTENT/UPLOADS/2012/07/NETWORKDIAGRAMMLJUL2017.PDF](http://www.metrolisboa.pt/eng/wp-content/uploads/2012/07/NetworkDiagramMLJUL2017.pdf)



TAXI

From Lisbon to Hotel (expensive)

From Cacilhas to Hotel

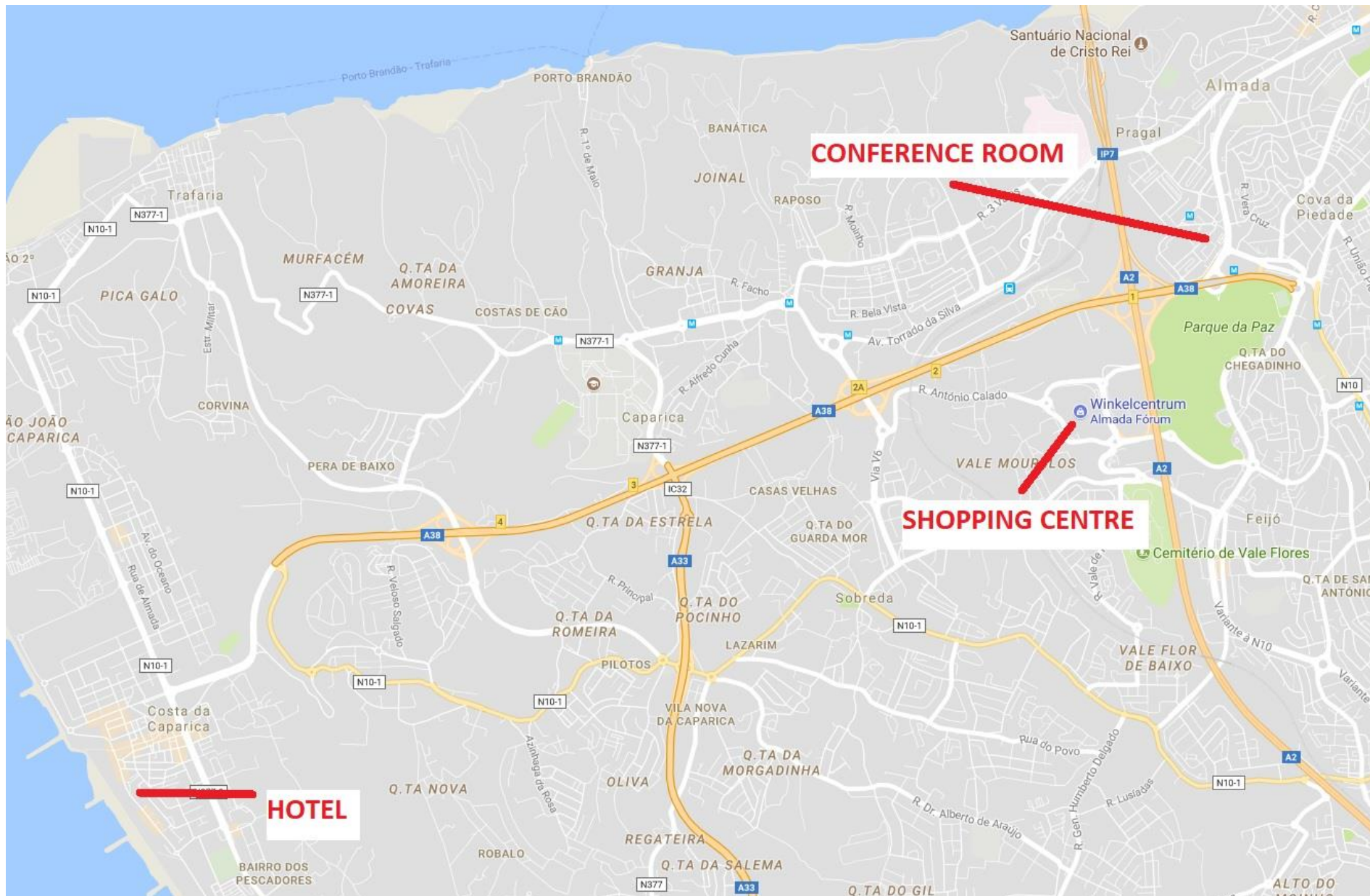
From Pragal train station to Hotel

TIP: SHOPPING MALL “ALMADA FORUM”



Very nice shops, supermarket, book shops, souvenirs, movie, a lot of cheap and very good restaurants modern brands,...

<http://www.almadaforum.com>







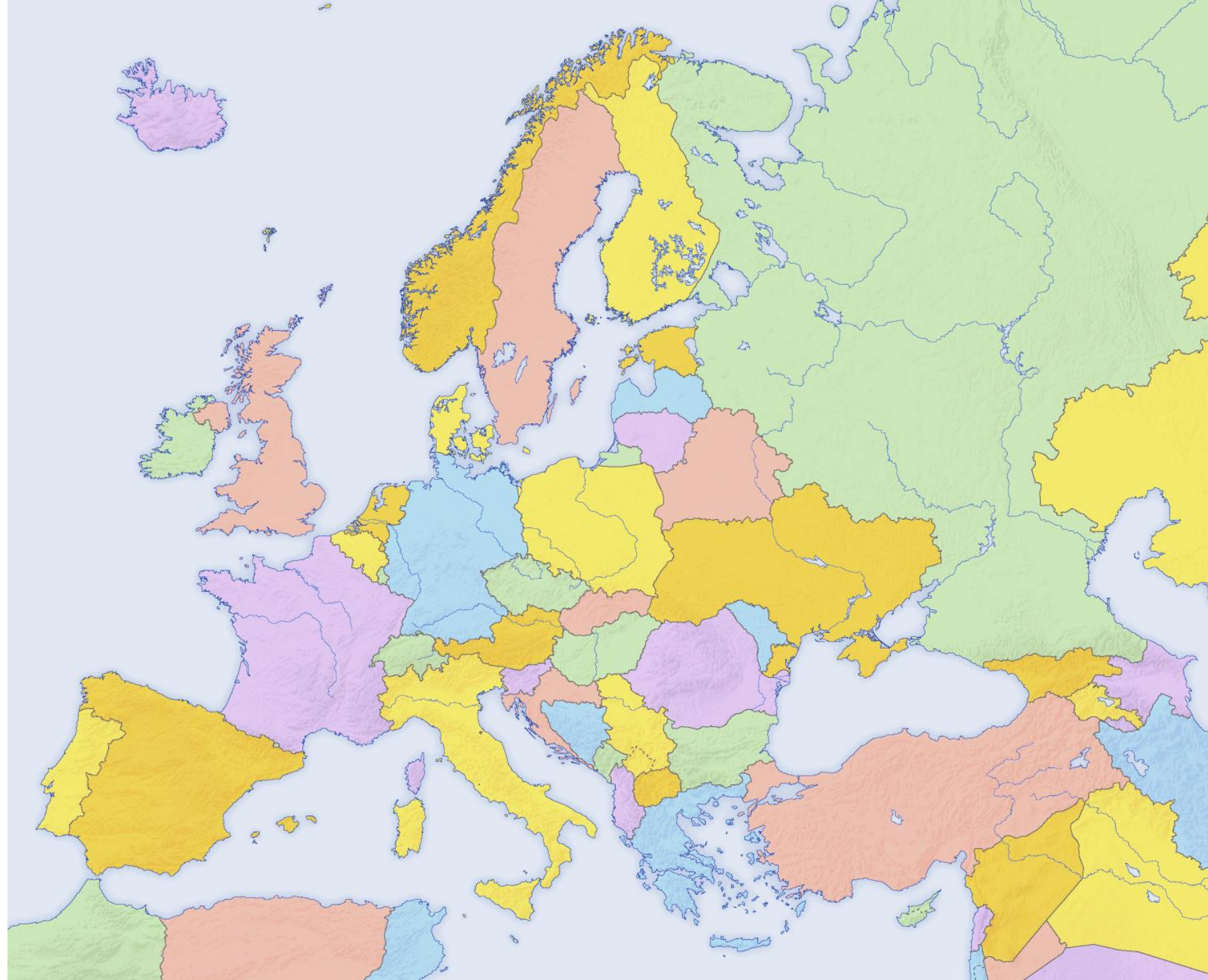
Bem-Vindo!





5 nationalities

6 languages, but 23...



**Too much and too long
of the same hurts!**



We all prefer a mixed grill!



ROBERT STEINER

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Six mixed teams:

- **The Inventors**
- **The Architects**
- **The Designers**
- **The Contractors**
- **The Engineers**
- **The Quality Controllers**

1	Foreman	The Inventors			
Country	Spain	Macedonia	Flanders (BE)	Flanders (BE)	Flanders (BE)
Name	Jesús	Mariche			
Background					
	<ul style="list-style-type: none"> • Minimum 2 different nationalities • Maximum 2 people from the same school • Minimum 1 male member 				

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