

eus Klagenfurt  
2015

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2015



A warm welcome to



Master of ceremony  
Karl Brachtl



# Organisers

represented by

PH Kärnten

Karl-Franzens-Universität Graz

Bundesministerium für Bildung und Frauen

Lakeside Technologie Privatstiftung

BG BRG Mössingerstraße

PH Steiermark

Regionales Netzwerk Kärnten



# Organisers



## Special thanks to :

Michael Cotter

President

Peter Holub

Director

Sigrid Holub

Head of team organisation

Christina Morgenstern

Christoph Janig

Sabine Seidl

Karl Brachtl

Wolfgang Krainer

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Bernhard Schmölzer

Barbara Bernhard

Josef WIELTSCH

Andrea Holzinger

Vytautas Dranginis

Heinz Pasterk

Renée Cacciola-Whittle

Helmut Zwander

Margrit Vohryzka





# Scientific team

PH Kärnten

Karl-Franzens-Universität Graz

Fachdidaktikzentrum Chemie

Fachdidaktikzentrum Physik

Fachdidaktikzentrum Biologie

NAWImix

Alpen-Adria Universität Klagenfurt



# Scientists



|                     |                     |                |
|---------------------|---------------------|----------------|
| Special thanks to : | Konrad Krainer      | Chairman       |
|                     | Peter Holub         | Team biology   |
|                     | Sigrid Holub        | Team biology   |
|                     | Uwe Simon           | Team biology   |
|                     | Walter Gössler      | Team chemistry |
|                     | Josefine Jaritz     | Team chemistry |
|                     | Katrin Krammer      | Team chemistry |
|                     | Helga Voglhuber     | Team chemistry |
|                     | Georg Begusch       | Team physics   |
|                     | Leopold Mathelitsch | Team physics   |
|                     | Gerhard Rath        | Team physics   |
|                     | Erich Reichel       | Team physics   |
|                     | Eduard Schittelkopf | Team physics   |



# Scientific team



## Special thanks to :

Christian Machinger

Max Ortner

Judith Horn

Eva Christine Gerstmann

Jakob Georg Hatz

Bettina Maria Lafer

Iris Lichtenwagner

Monika Lippusch

Roman Samuel Riedl

Peter Sagmeister

Karin Stücklberger

Simon Fally

Thomas Schubatzky

Assistant team biology

Assistant team biology

Assistant team biology

Assistant team chemistry

Assistant team chemistry

Assistant team chemistry

Assistant team chemistry

Assistant team chemistry

Assistant team chemistry

Assistant team chemistry

Assistant team chemistry

Assistant team physics

Assistant team physics



# Partners

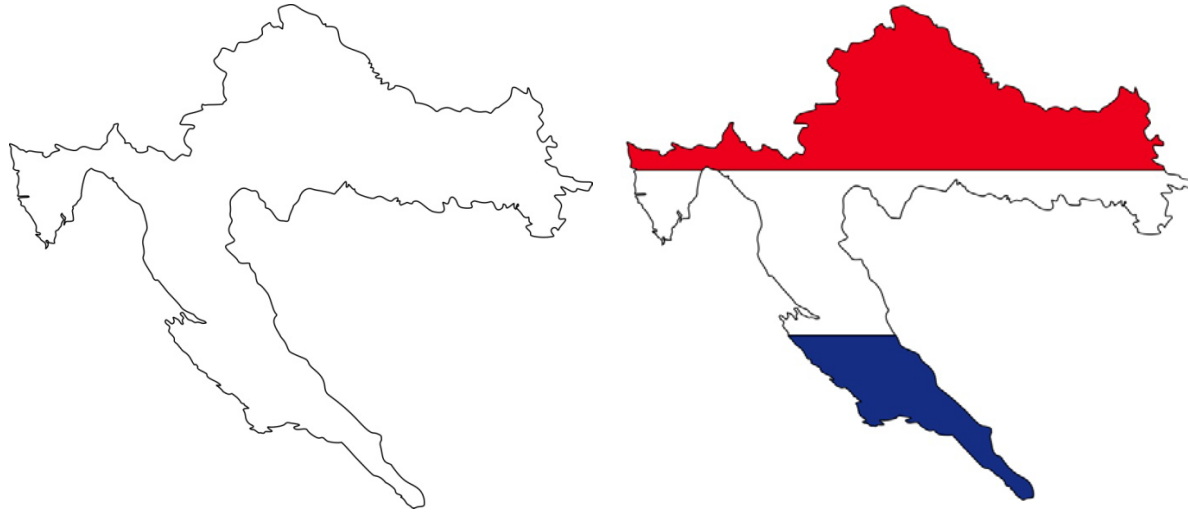


es 2015  
Klagenfurt





Which country is home to the world`s smallest town?  
(17-23 Inhabitants)



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## MENTORS:

Andreja Lucic

Tajana Preocanin

Krešo Zadro



## PARTICIPANTS:

Nikolina Martincic

Jan Radanovic

Karlo Šerbetar

Kristijan Rupic

Viktor Skorjanc

Ilija Srpak

# CROATIA

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Which country has the densest rail network in the world with 4078 kms of track?



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## MENTORS:

Louis De Vos

Bernadette Hendrickx

Victor Rasquin



# BELGIUM

## PARTICIPANTS:

Lukas Devos

Pieter Pas

Yannick Ureel

Olivier Chabot

Cyrille Kervyn -  
de Marcke ten Driessche

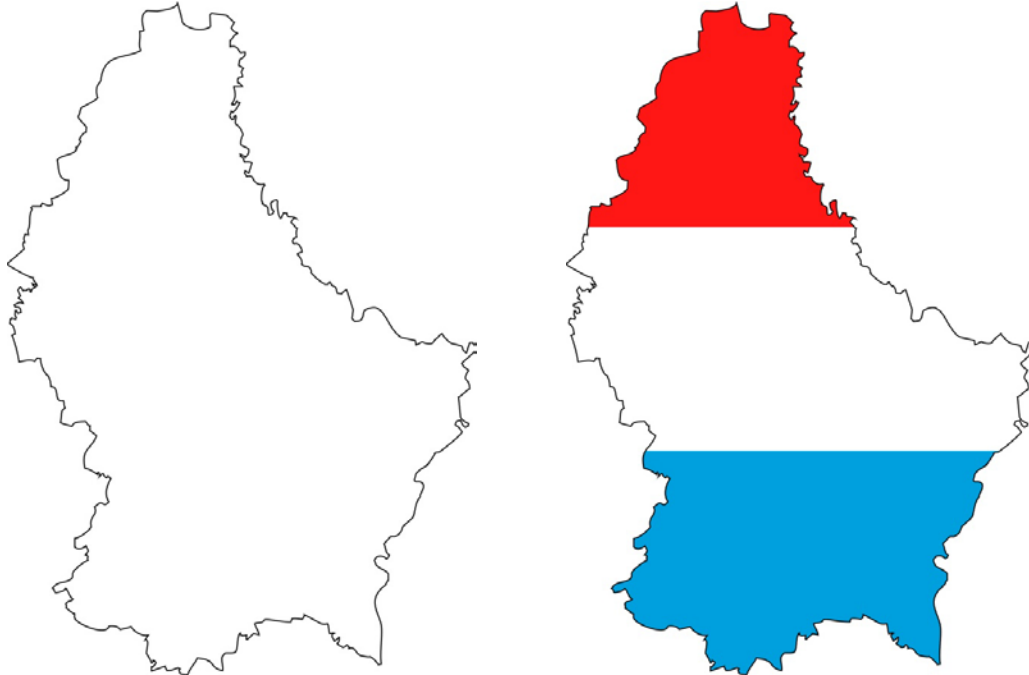
Aleksandra Stojek

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Which country has the highest ratio of telephone lines to people in the world?



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## MENTORS:

Jacques Pir

Michel Brucher

André Mousset

Liss Weber

Jeff Kohnen



## PARTICIPANTS:

Philippe Ferber

Yann Bernard

Max Zuidberg

Oliver Nick

Nicolas Thill

Loris Schmit

# LUXEMBOURG

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Which country has the oldest technical university in the world, the Mining Academy, founded by Maria Theresia ?



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## MENTORS:

Andrea Ševčovičová

Anton Sirota

Ivo Čáp

Klára Cápová



# SLOVAKIA

## PARTICIPANTS:

Martin Gažo

Ján Hunák

Jakub Obuch

Filip Čermák

Peter Pavel Arthur

Petráš

Liliana Tušková

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Which country is famous for its yoghurt?



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## MENTORS:

Snezhanka Tomova

Adriana Tafrova-Grigorova

Maya Gaydarova



## PARTICIPANTS:

Viktoria Hristova

Kristina Kostadinova

Dimitar Ruzhev

Ivana Andreeva

Aleksandar Ivanov

Dimitar Karazapryanov

# BULGARIA

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Which country is known as the playground of gods?  
(Aphrodite is said to have risen out of the water there)



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2015



## MENTORS:

Constantinos Phanis

Stella Ioannou-Loucaides

Georgios Tsalakos



# CYPRUS

## PARTICIPANTS:

Ariadni Assou

Kyriakos Costa

Onisiphoros Neophytou

Nicolas Louca

Angelos Pelekanos

Stelios Stylianou

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According to the United Nations World Happiness Report, which country is the one with the world's happiest inhabitants?



## MENTORS:

Hans Marker

Søren Blanke

Lise Odgård Gade



## PARTICIPANTS:

Kristine Aarup

Jeppe Thaibert

Sofie Thomsen

Lise Bennedsgaard Hagen

Rose-Valentiner Branth Garly

Stefan Sajin-Henningsen

# DENMARK

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Which country has the highest number of meteorite craters per land area in the world?



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2015



## MENTORS:

Andres Ainelo

Jürgen Metsik

Andreas Valdmann



## PARTICIPANTS:

Kaarel Hänni

Taavet Kalda

Carel Kuusk

Richard Luhtaru

Hanna Maria Saik

Airon Johannes Oravas

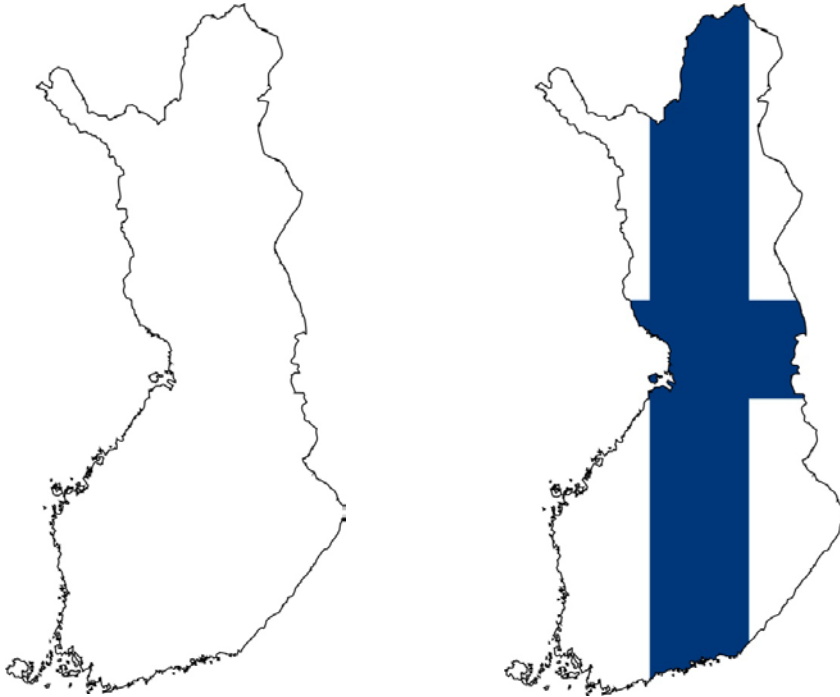
# ESTONIA

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Which country created a National Failure Day  
(to learn from mistakes and not to repeat them)?



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## MENTORS:

Anna Hahtola

Mari Vesala

Hanna Raunio



## PARTICIPANTS:

Liina Jukko

Janne Kauranen

Rasmus Sarkanen

Annika Korpela

Liina Ridanpää

Linn Tähti

# FINLAND

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Which country was the first country in the world that adopted Daylight saving time (DST, a.k.a. summer time) in 1916?



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## MENTORS:

Clara Bultmann

Dave Hartig

Stefan Petersen



## PARTICIPANTS:

Kai Gipp

Jan Kruse

Simon Lichtinger

Annabel Maisl

Pascal Reeck

Konstantin Schwark

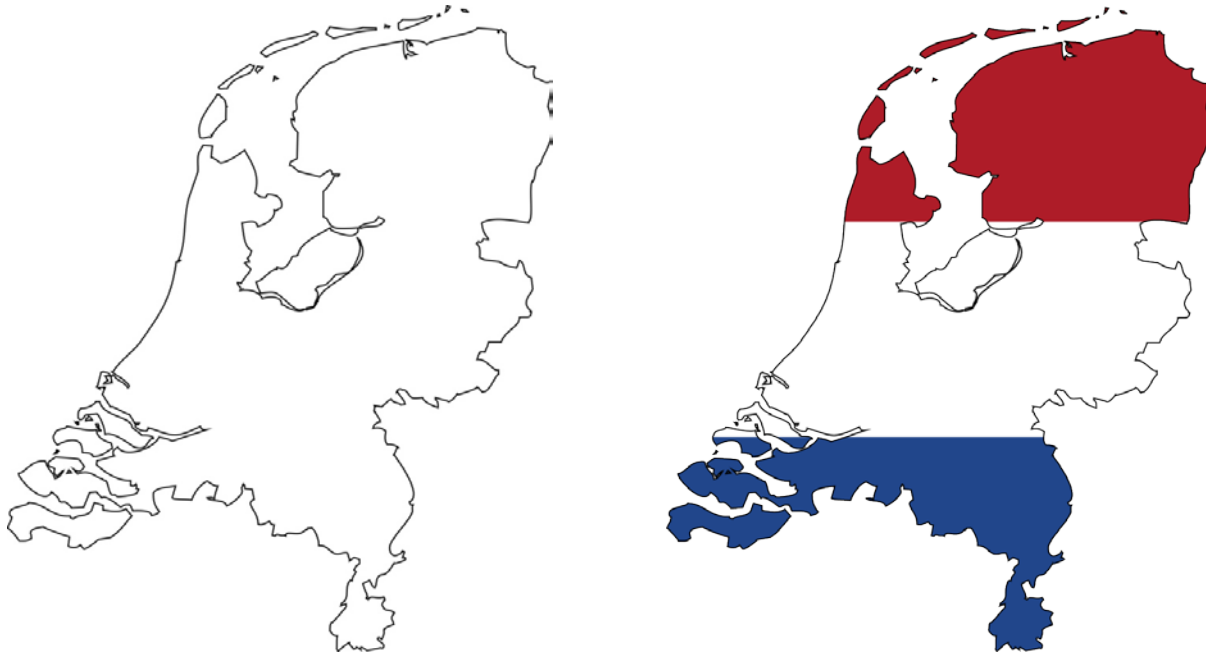
# GERMANY

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In which country do the tallest people in the world,  
with an average height of 184 cm for men and 170  
cm for women, live?



## MENTORS:

Agnes Legierse

Emiel de Kleijn

Tom Bloemberg



## PARTICIPANTS:

August Ammerlaan

Paul Dekker

Siebe Peek

Wessel Custers

Sophie van Houweninge

Anouk Volker

# NETHERLANDS

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Which country has the highest consumption of olive oil per person in the world?



## MENTORS:

Dimitrios Notaras

Konstantinos Charitos

Dimitris Nakos

Maria Polykarpoulou



# GREECE

## PARTICIPANTS:

Zisis Kamas

Foteini Kratouna

Athanasios Moutsios

Dimitrios Bralios

Konstantinos-Marios Liosis

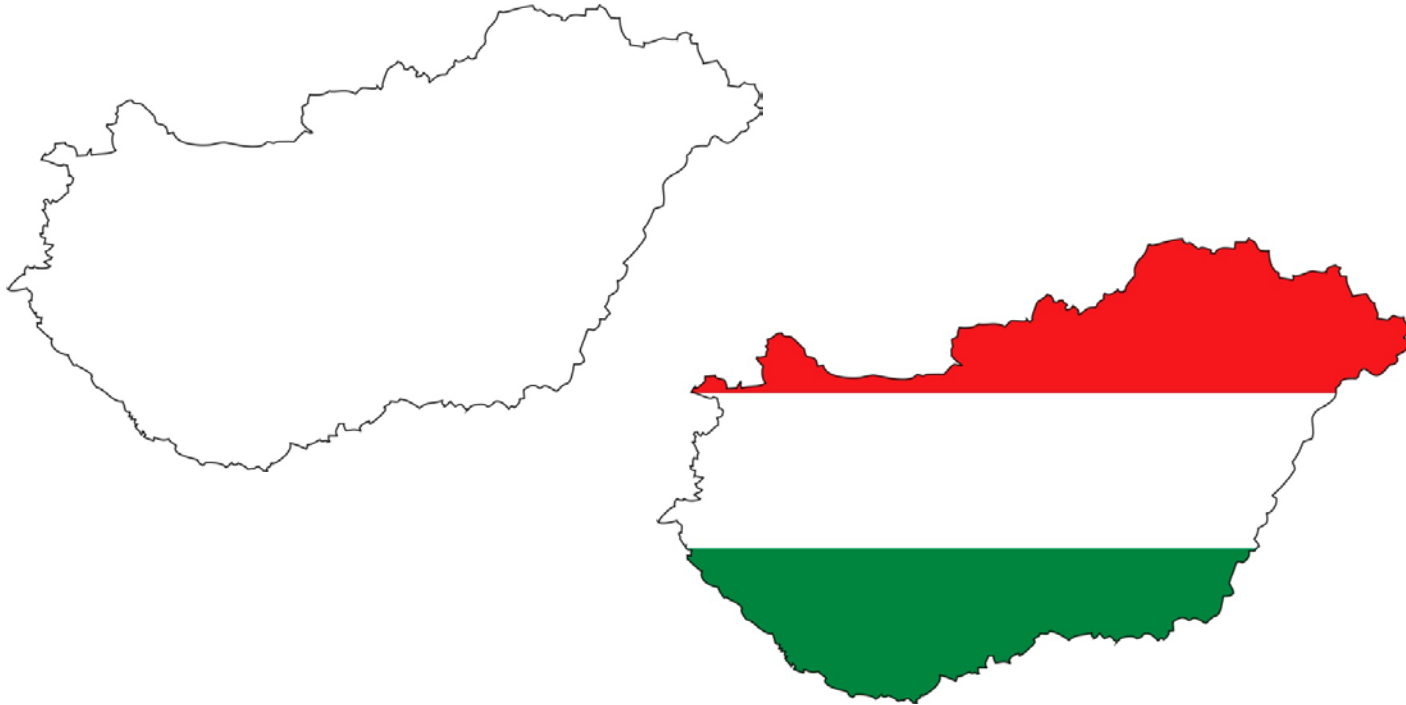
Iason Milionis

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Which country's engineer invented the Rubik's Cube?



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## MENTORS:

Viktória Gál

Ádám Zoltán Seres

Péter Vankó



## PARTICIPANTS:

Péter Tamás Kovács

Soma Turi

Petra Varga

Antal Gémes

Márk Harangozó

Árpád Pusztai

# HUNGARY

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2015



In which country both the shamrock and the harp are registered trademarks?



## MENTORS:

Kim Connick

Odilla Finlayson

Regina Kelly



## PARTICIPANTS:

Bethan Godber

Anna McAleer

Cillian Ó Dochartaigh

Damien Doherty

Mark Fortune

Rob Sparkes

# IRELAND

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Which country is home to short novelist Karl Capek who introduced the word “robot” to the English language?



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## MENTORS:

Vanda Janštová

Petra Bajerová

Jan Kříž



## PARTICIPANTS:

Danil Koževnikov

Josef Kvapilík

Jolana Škachová

Ivana Švecová

# CZECH REPUBLIC

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Which country is home to the world-famous  
Lipizzaner stud farm?



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## MENTORS:

Katja Stopar

Matej Huš

Anita Nose



## PARTICIPANTS:

Barbara Jaklič

Maruša Kerenič

Anže Šumah

Katja Arh

Aleksej Jurca

Martina Lokar

# SLOVENIA

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Which country has the oldest European university in continuous operation, founded in 1088?



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## MENTORS:

Giuliana Cavaggioni

Andrea Ursic

Paolo Laveder



# ITALY

## PARTICIPANTS:

Luca Arnaboldi

Matteo Chiarello

Dario Mercalli

Giacomo Coslop

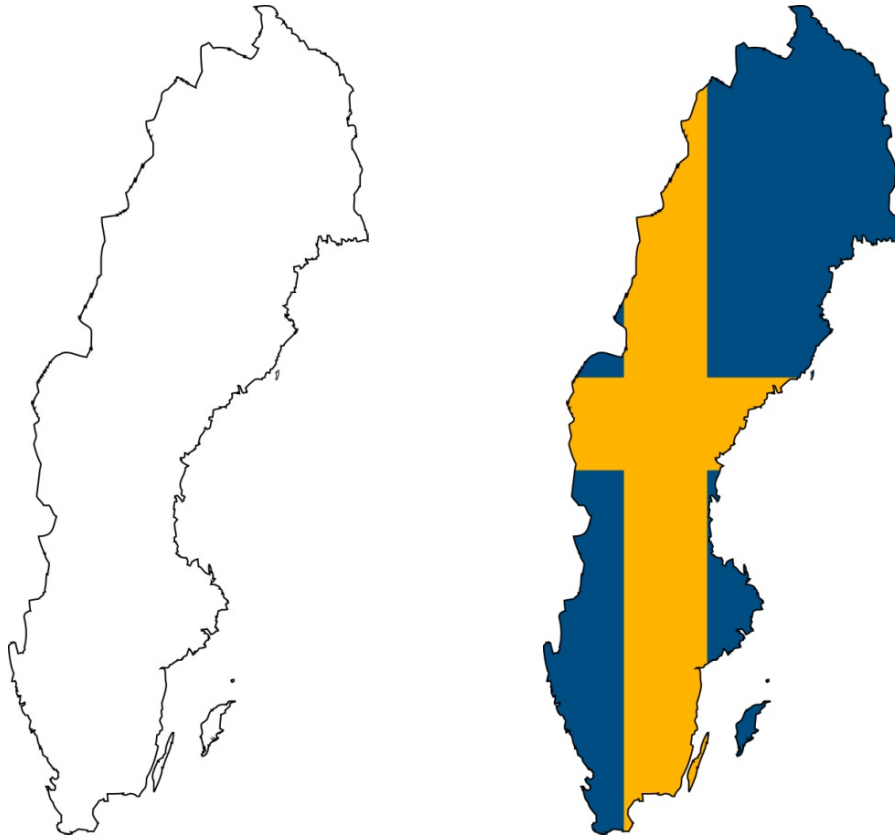
Giorgio Forti

Benedetta Montanarini

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Which country built the first ice hotel in the world?



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## MENTORS:

Ulrika Wedding

Suheila Demir

Lars Gråsjö



## PARTICIPANTS:

Love Renström

Miranda Carlsson

Ludvig Forslund

Isak Prellner

Alicia van Hees

Tobias Wallström

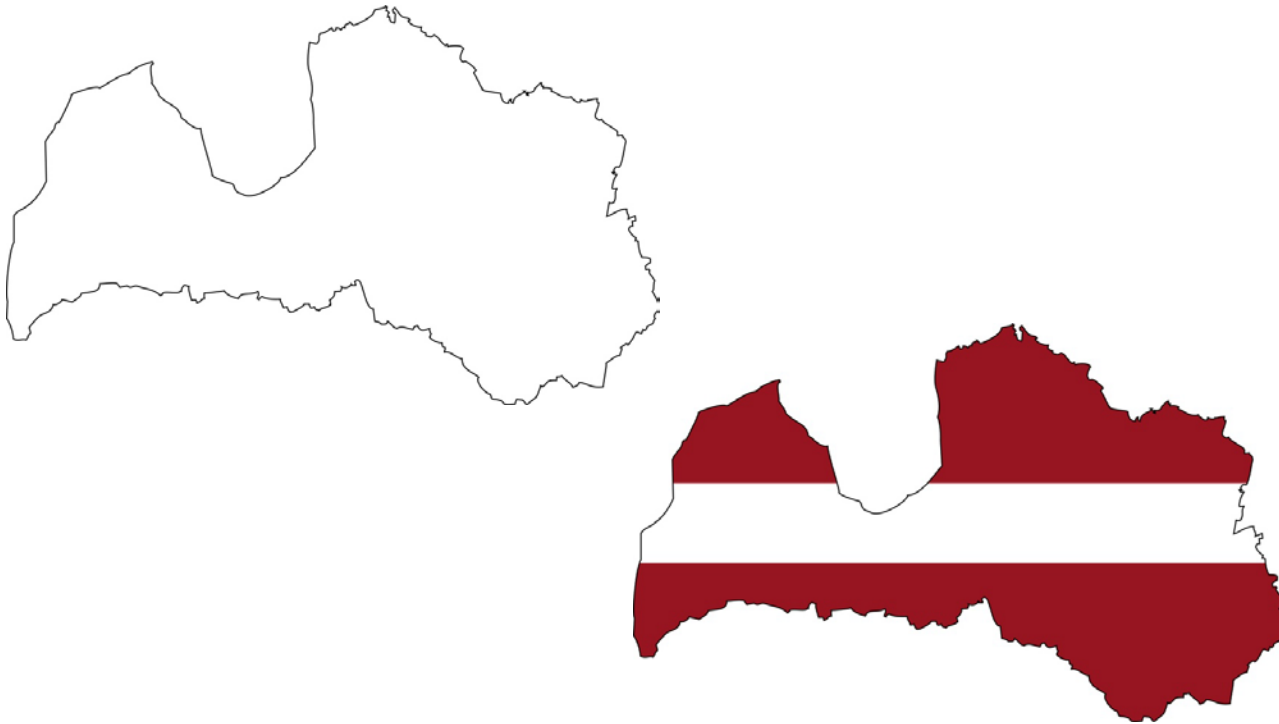
# SWEDEN

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Which country is home to the widest waterfall in Europe – 110m wide?



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## MENTORS:

Agnese Kokina

Mihails Halitovs

Maksims Sokolovs



# LATVIA

## PARTICIPANTS:

Artis Galvanovskis

Reinis Irmejs

Rihards Puplovskis

Edgars Batkovskis

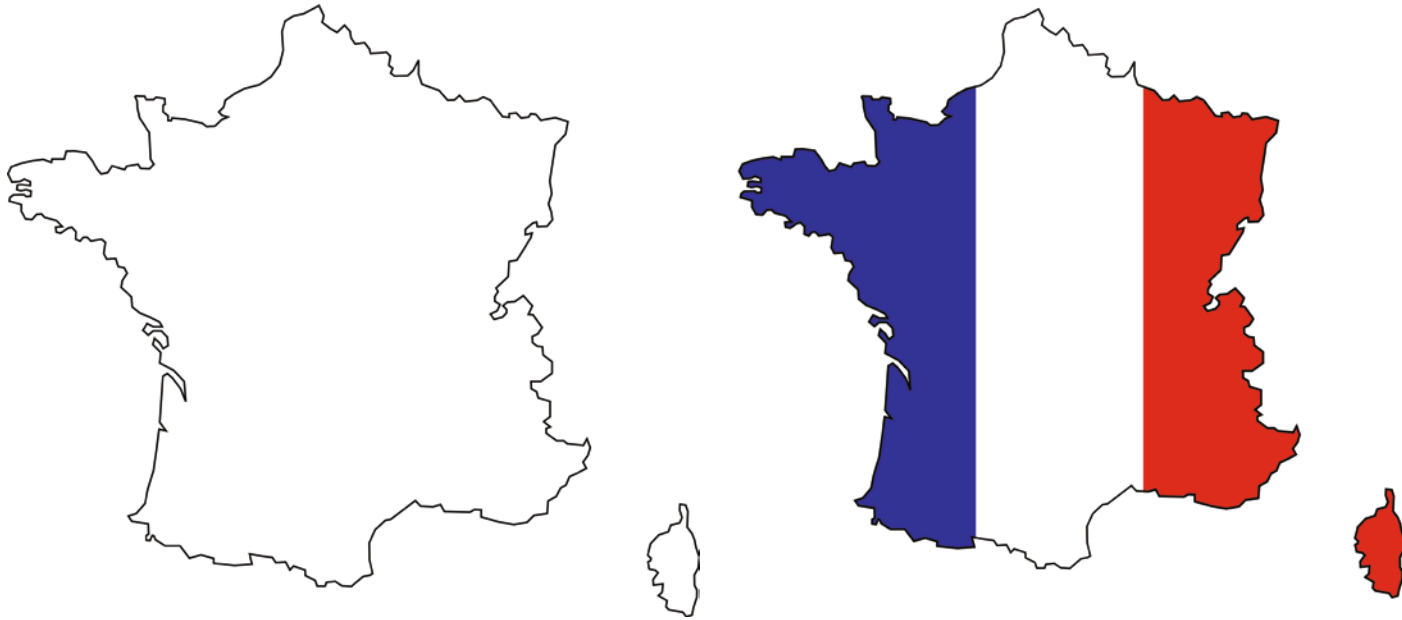
Rūta Ozoliņa

Sintija Zepa

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Which country uses 12 different time zones, the most of any country in the world?



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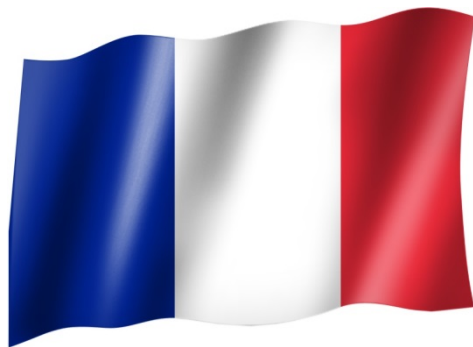


## MENTORS:

Juliette Mathieu

Mesude Bablon

Agnès Kahl



## PARTICIPANTS:

Corentin Lamant

Adrien Montini

Léa Parmentier

Léonie Fagot

Anthony Lombart

Elie Prost

# FRANCE

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Which country is the only country in the world with its own official scent?



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## MENTORS:

Paulius Tamosiunas

Lukas Taujenis

Tomas Kivaras



## PARTICIPANTS:

Jonas Černeckis

Elvinas Ribinskas

Einaras Sipavičius

Rokas Elijošius

Veronika Everatt

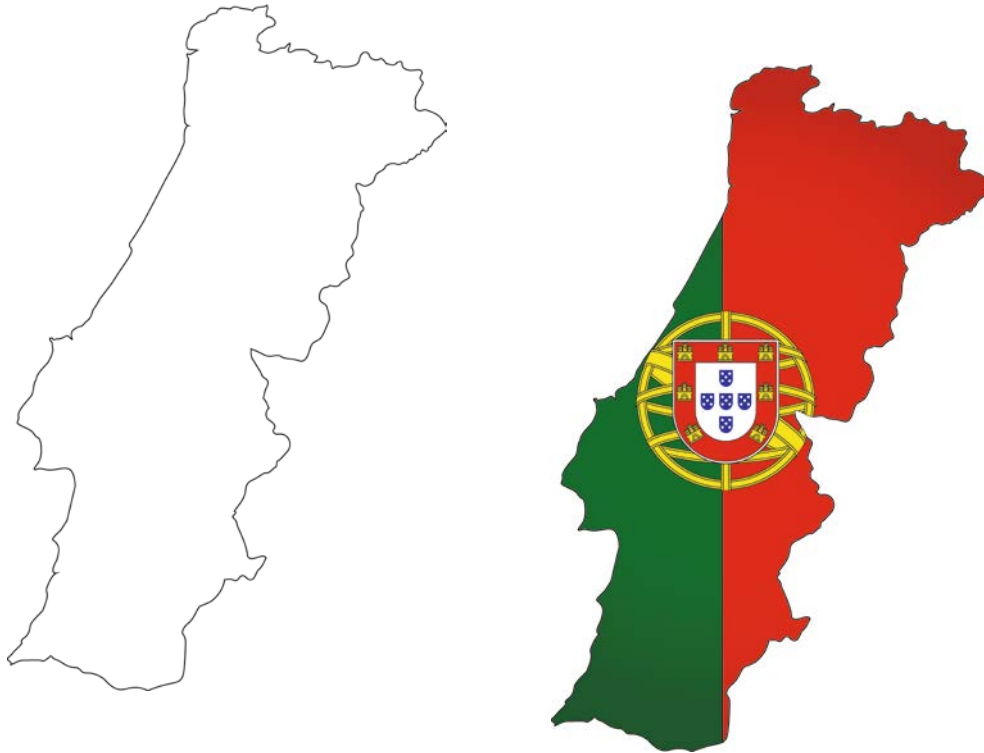
Gilbertas Umbražūnas

# LITHUANIA

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Which country is the oldest country in Europe and has had the same defined borders since 1139?



## MENTORS:

Joana D'Orey Capucho

Maria das Dores Ribeiro da Silva

Célia Maria Reis Henriques



# PORTUGAL

## PARTICIPANTS:

Henrique Aguiar

David Miguel Morais de Andrade

Benedita Viana

Maria Ines Figueiredo Moreira

Bruno Ribeiro

Mariana Santos Cruz

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Which country discovered in 2002 the earliest Homo Sapiens fossils – up until now? The fossils' age is approximately 37,800 to 42,000 years.



## MENTORS:

Georgiana Duta Cornescu

Daniela Bogdan

Gabriel Florian



## PARTICIPANTS:

Paul Haidu Gereă

Codrin Paul Oneci

Maria Teodora Serbana

Cristiana Diana Diaconu

Tudor Pipirig

Vlad Gabriel Simbotin

# ROMANIA

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Which country has the world's smallest church? Its inner area is 1.96 m<sup>2</sup>.



## MENTORS:

Jorge Molero Fernández

Francisco Martín Alfonso

Diego Gonzalez Babiloni



# SPAIN

## PARTICIPANTS:

Josué Eduardo Calderón Yépez

Julio Campos Parrilla

Daniel Vidal Jiménez

Immaculada Benet Ebro

Oscar Franch Mezquita

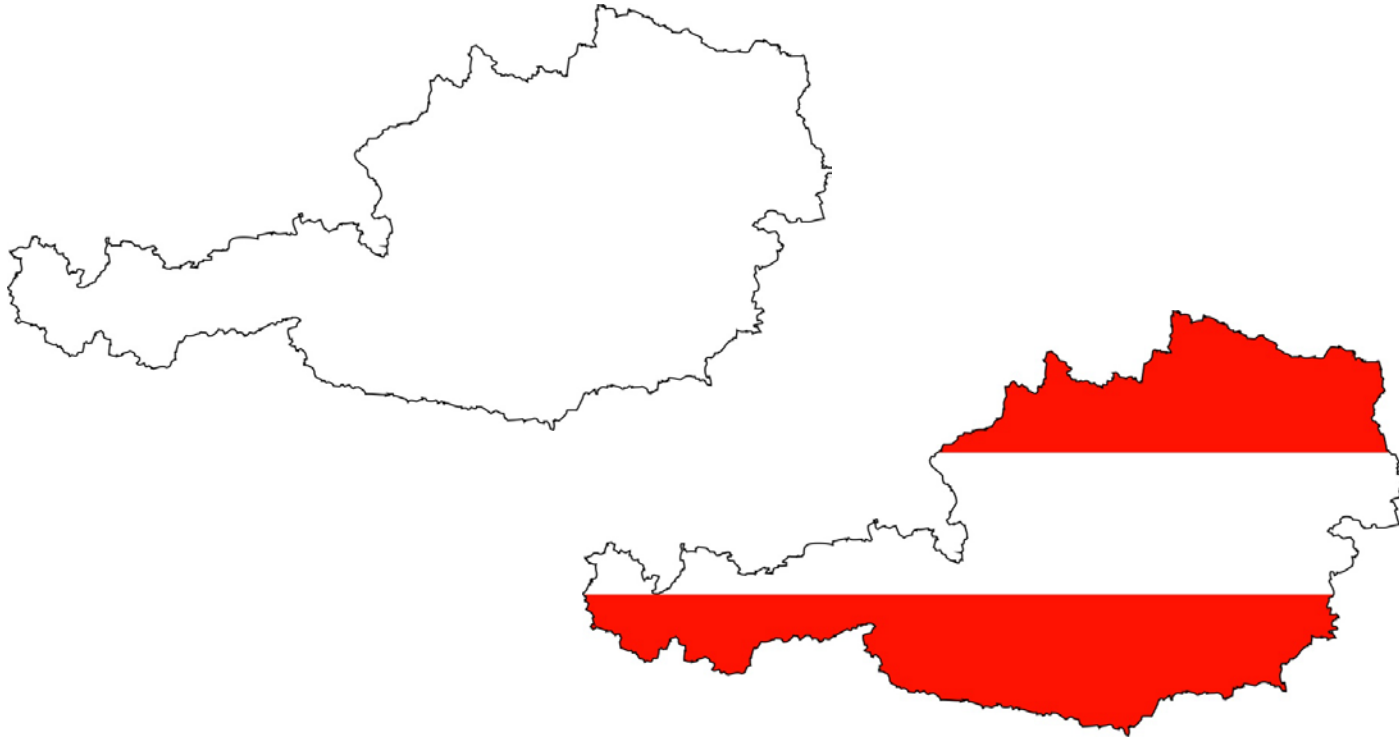
Andrea Moreno Pitarch

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Which country is hosting EUSO 2015?



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## MENTORS:

Christine Ottowitz

Silke Guggenberger

Dieter Winkler



## PARTICIPANTS:

Jonas Bodingbauer

Regina Gruber

Konstantin Weber

Sebastian Kölbl

Kevin Kutleša

Leo Stöger

# AUSTRIA

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