



The future of EMOS

Where we are and where we want to go

Albrecht Wirthmann

*Eurostat, Methodology and innovation
in official statistics*

Short history of EMOS

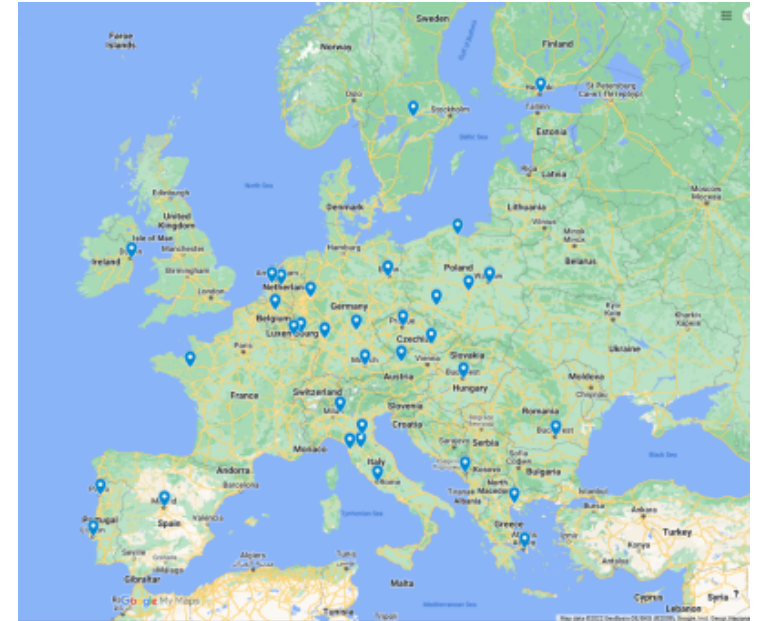
- 10 years since the idea of EMOS
- Initial goals:
- EMOS launched in 2014; in 2015 12 Master programmes were awarded the label by the ESSC

Initial goals

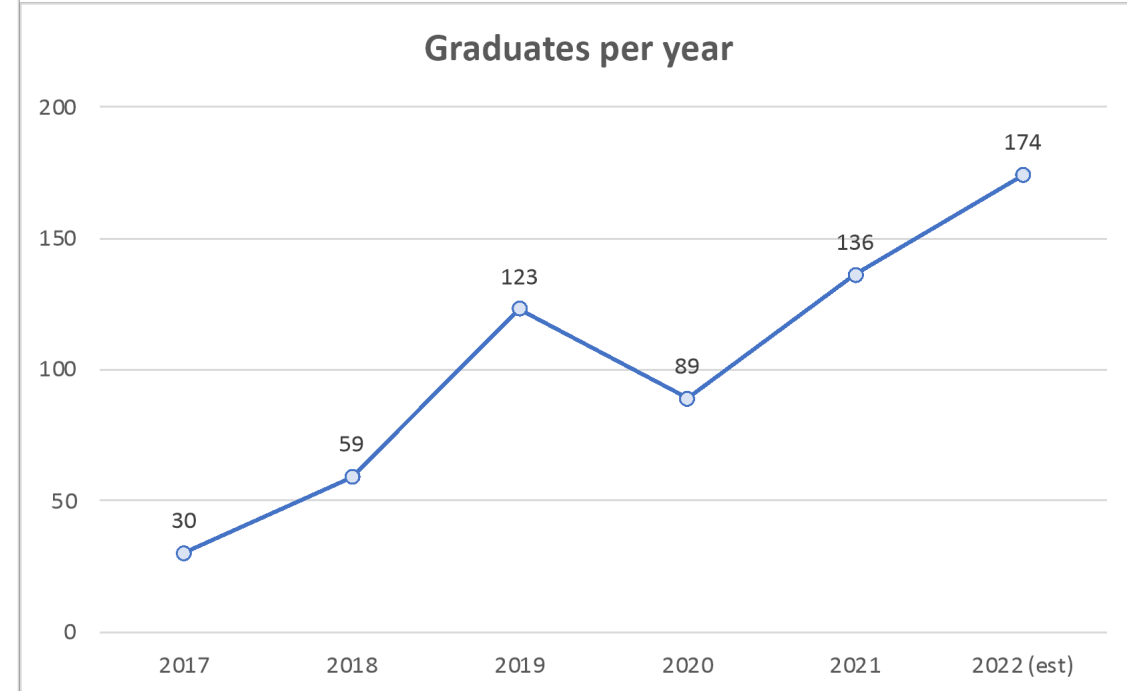
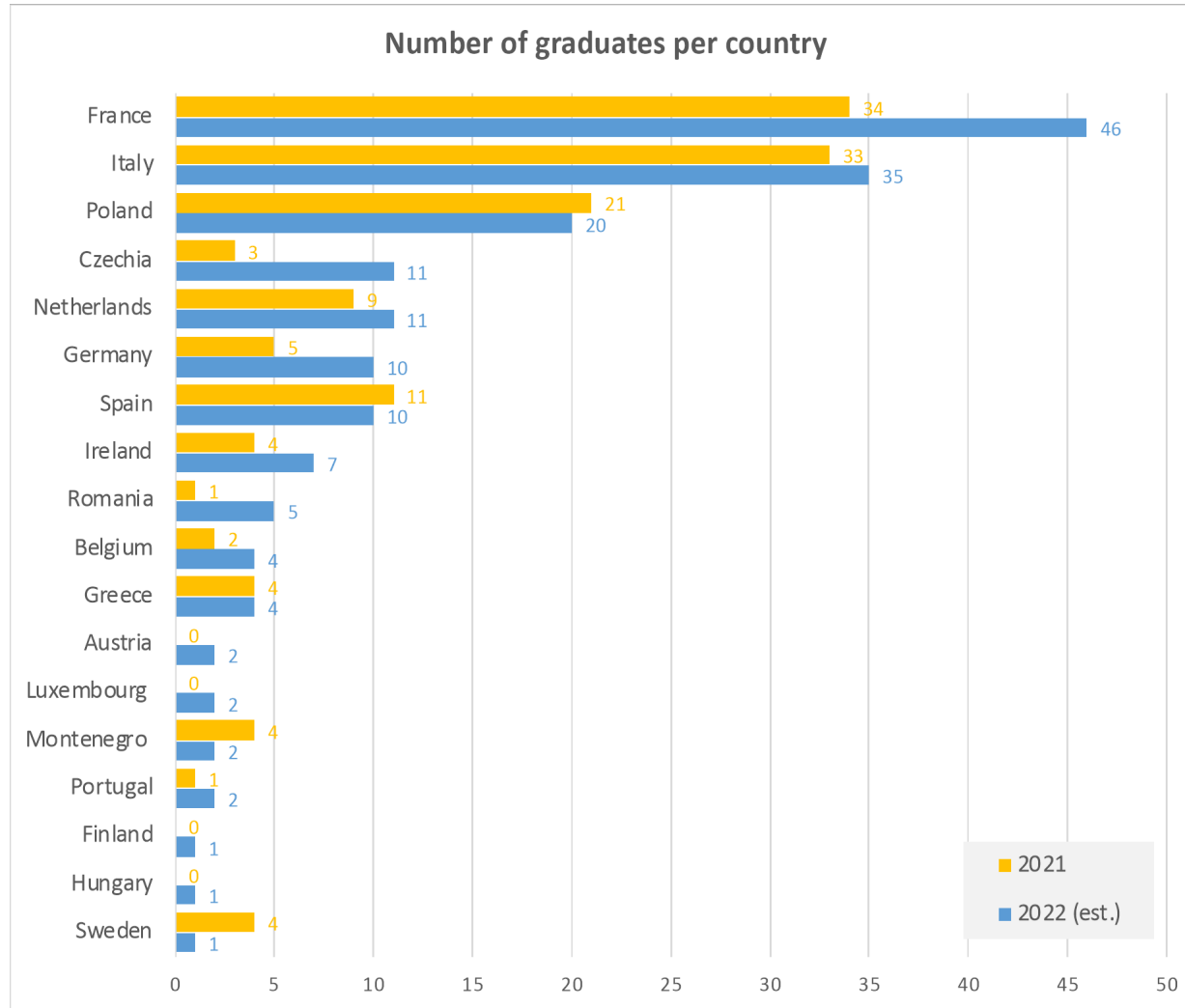
- develop a programme for training and education in official statistics within existing Master programmes at European universities
- create a European network of universities and national statistical authorities working together to share and further develop issues of official statistics

EMOS today

- 34 universities in 18 European countries
- New members in 2021/2022:
 - University of Mannheim, Master of Applied Data Science & Measurement
 - Athens University of Economics and Business, Master of Science in Applied Statistics



EMOS today - graduates



EMOS activities

Core

- **EMOS curriculum -> diploma supplement**
- **Traineeships (national or cross-border)**


Supporting

- **Master thesis competition**
- **Webinars**
- **European Statistical Week**
- **Study visits**
- **Coding lab**
- **Hackathon**
- **Workshops**

EMOS success factors



the existence of a concrete need that EMOS addresses



good collaboration within the official statistics community and with universities



solid concept and the opportunity to combine studies with practical experience



European component, strengthened through the opportunity for cross-border traineeships

External challenges

New developments in the data environment

- digitalisation of economic and social activities
- digital footprints
- emergence of new societal phenomena that need to be measured
- new actors producing and disseminating data
- new statistical technologies and methodologies that create an opportunity to produce more accurate, timely and detailed statistics

Labour market competition

Internal challenges

- attracting new students
- organising traineeships and facilitating hiring
- limited research opportunities
- heterogeneous national accreditation systems
- involvement of statistical offices

Opportunities



Time to rethink

- Have we reached the intended objectives?
- Do we have to adjust the objectives
 - Where should EMOS be in 5-10 years?
- What do we want to achieve?

Study on the future of EMOS

- Q1 2023 – Q2 2024
- Objective: exploring possible options for the future development of EMOS
 - addressing the identified challenges and
 - increasing its impact as the **pan-European, cross-border, high-quality study programme in official statistics**

Plans for the future

Structure

- University alliances /
- joint degrees

Skills & competencies

- Modernising the curriculum (new skills, structure, learning)
- Creating an offer for ESS statisticians

Recruitment & employability

- Enhancing employability of EMOS graduates
- Creating a pool of highly skilled statisticians

Collaboration

- Intensifying mobility and transnational collaboration
- Developing collaboration with actors outside the academic and official statistics communities

Scenarios

Continuing to implement EMOS as is ('status quo')

Rigorous academic master programme

Well-rounded academic experience

Research-focused programme

Joint degree

Related announcements



European Big Data Hackathon

- 4th edition: 2-6 March 2023 in Brussels (NTTS conference)
- Topic: daily data on credit card payments and bank account transactions supplied by a private data intermediary
- Four EMOS teams can participate
- Register: [<link>](#)
- Deadline: **19 October 2022**

European Statistics Awards

- 1st round:
[Nowcasting 1/9/2022 – 30/4/2023](#)
- Challenge: nowcast one or more out of three time series in the field of business statistics
- Teams compete for up to 8000 EUR prize per time series



TOPICS

TOURISM

INDUSTRY
Production
volume

INDUSTRY
Producer
prices

AWARDS

REPRODUCIBILITY

First prize 5 000 EUR

ACCURACY

First prize 3 000 EUR
Second prize 2 000 EUR
Third prize 1 000 EUR

1 SEPTEMBER 2022

8 MONTHS

TEAMS OF 1 TO 5 PERSONS

Call for proposals – Trusted Smart Surveys

- Demonstrate a solution of an end-to-end Trusted Smart Survey usable and applicable in Harmonised European Time Use Surveys (HETUS) / Household budget surveys (HBS)
- Three work strands:
 - 1) Behavioural research and Human Computer Interaction
 - 2) Smart data acquisition and processing
 - 3) Privacy preservation, full transparency and auditability

Call for proposals – Trusted Smart Surveys

SMP-ESS-2022-TrustedSmartSurveys



Funding & tender opportunities
Single Electronic Data Interchange Area (SEDIA)

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 [SUPPORT](#)

General information

Conditions and documents

Partner search announcements

Submission service

Topic related FAQ

Get support

Call information

Call updates

General information

Programme

Single Market Programme (SMP)

Call

[SMP-ESS-2022-TrustedSmartSurveys \(SMP-ESS-2022-TrustedSmartSurveys\)](#)

 [See budget overview](#)

Type of action

SMP-ESS SMP European Statistics

Type of MGA

SMP Action Grant Budget-Based [SMP-AG]

[Open for submission](#)

Deadline model

single-stage

Opening date

19 July 2022

Deadline date

17 November 2022 17:00:00 Brussels time

Call for proposals – Trusted Smart Surveys

Timetable and deadlines (indicative)	
Call opening	19 July 2022
Deadline for submission	17 November 2022
Evaluation	November – December 2022
Information on evaluation results	January 2023
GA signature	March 2023
Starting date	Q2 2023

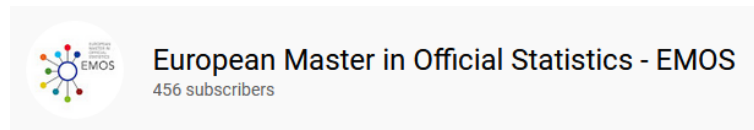
Contact: Konstantinos.Giannakouris@ec.europa.eu

Thank you!

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Thank you



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