



Changing needs for skills in producing and communicating statistics

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Agenda

- Changing landscape
- Addressing change
- European Master in Official Statistics (EMOS)
- DIGICOM project
- What remains to be done

**Uncertainty is an
uncomfortable position.
But certainty is an
absurd one.**



Voltaire 1770

Landscape in 2030

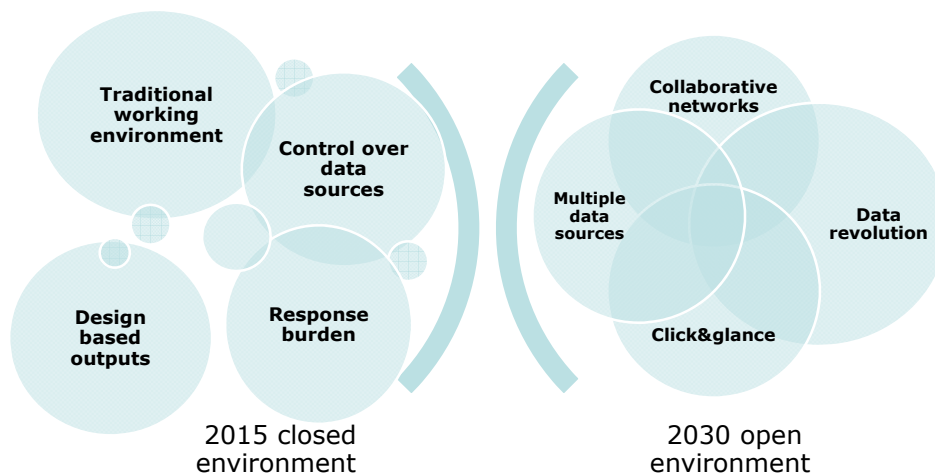
Certain:



Uncertain: policy on information



Change of paradigm



Changing working methods

- Collaborative networks
- Working remotely
- IT tools
- Management culture



Changing profiles



Statisticians

Analytical and computing skills
Delivering quality and ethical analyses
Process management skills
Communication skills
Developing analytical expertise

Users

Access to data
Combine data sources
Visualisation tools
Results by a click
Customised outputs



How do address the change today?

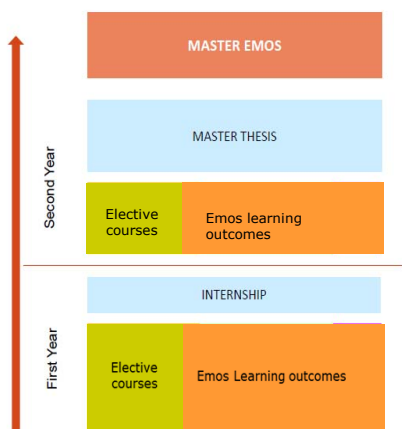
- Build strategic alliances
- Fit for change organisations
- Invest in staff development
- Classical learning and development
 - ESTP – European Statistical Training Programme
- New approaches
 - YPSILON – Young Professional Statisticians
 - **Changing profile of statisticians -> EMOS**
 - **Changing profile of users -> DIGICOM**



European Master in Official Statistics

- Network of EMOS labelled Master programmes providing higher education in the area of official statistics at the European level
- After two calls for applications 2015-16
 - 22 programmes in 15 countries
 - Germany (6) and Italy (3) most present
 - Montenegro outside EU





Label awarded by the ESS Committee for programmes meeting EMOS learning outcomes

EMOS learning outcomes 50 ECTS

- System of official statistics
- Production models and methods
- Specific Themes
- Statistical Methods
- Dissemination



What next

- European Statistical Week Oct 2016: 9 EMOS students participating for the first time
- Webinars: series of short online lectures amongst the network
- Workshop Nov 2016: implementing EMOS, cross border cooperation
- Evaluation: taking stock of experience so far and planning ahead





The DIGICOM project



- Aims to modernise communication and dissemination of European statistics
- Contributes to 2 areas of the European Statistical System Vision 2020



- 2016-2019



Why DIGICOM? Common challenges



How do users differentiate official statistics from other sources in the data deluge?



How can NSIs reach the new generation?



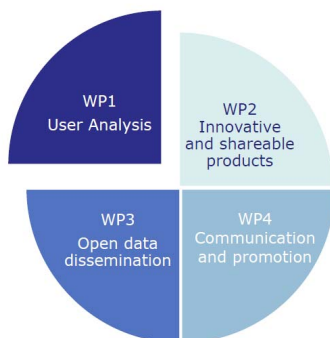
Limited resources

What will DIGICOM deliver?

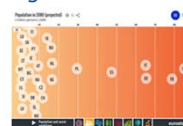
User engagement
through social media



Empowering users
to reuse and
combine data



Reaching new users
through visualisation



Improving users skills
Statistical literacy
Hackathon

Statistical literacy in DIGICOM

2016: inventory of national practices

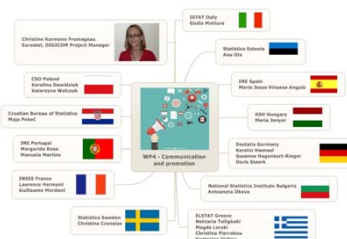
- To INFORM: based on easy to use data
 - To EXPLAIN: methodology, official statistics
- Products per target group, analysis of impact
Reaching out to the education sector

2017: tools and events

- Sharing and adapting literacy tools at national level
- New tools: Statistics 4 beginners
- Join activities (e.g. Hackathon, Olympics)

How does DIGICOM work?

- A project of the European Statistical System Eurostat + 18 NSI
- 50 specialists in social networks, open data, digital publications, statistical literacy...
- Capacity building
- 4 virtual teams: 1 meeting per year+ video conferences, CROS platform, yammer group



Do we respond to the needs of our users?

Do we invest enough in future skills?

If not, what is missing?

Are our organisations and governance fit for change?

Strategic partnerships
Which ones?

Are we ready for 2030?