EUROPEAN UNION

European Higher Education Sector Scoreboard (EHESS) walkthrough and functionality: User Webinar

Inga Popovaite, Mantas Pupinis

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Erasmus+
Enriching lives, opening minds.

Higher education

Training agenda

- Introduction to the EHESS data and principles.
- Overview of the EHESO indicators.
- Overview of the EHESS structure and organization.
- Maintenance and release.
- Q&A.

What is EHESS?

- An **interactive data visualization platform** on the European Higher Education Sector Observatory (EHESO).
- **Coverage**: EU-27, EFTA, the UK, some of candidate and potential candidate countries.
- **Country-level indicators** monitoring the policy agenda of the European Education Area.
- Information organized by the **key EU higher education policy objectives**:
  - **Transnational cooperation** in Europe in higher education, research and innovation.
  - **Future-proof skills** and cooperation with industrial ecosystems.
  - **EU Values**, such as academic freedom &, autonomy; diversity & inclusiveness.
  - **International cooperation** in higher education, research and innovation.
  - Context indicators (for broader context).

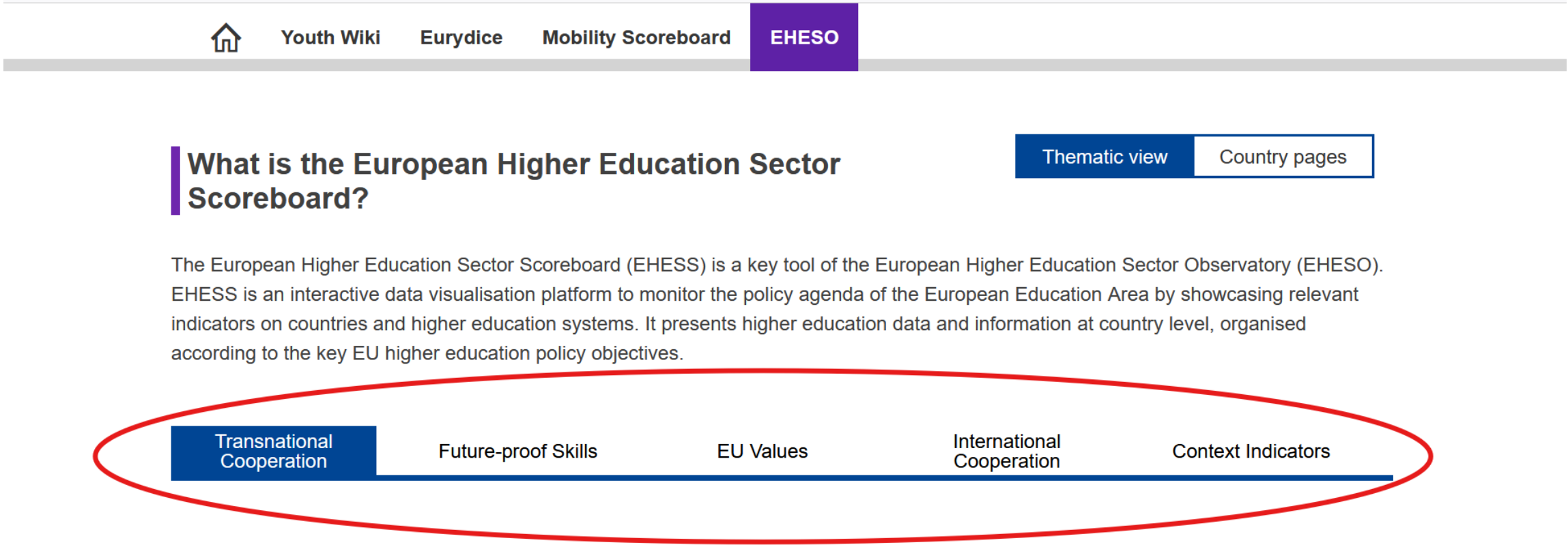
Data

- Data sources: Eurostat, ETER, U-multirank, EUROSTUDENT, EUROGRADUATE, OpenAlex/CWTS, Erasmus+, EUPRO, other external data sources.
- Geographical coverage: EU-27, EFTA, UK, Bosnia and Herzegovina, Montenegro, North Macedonia, Albania, Serbia, Türkiye, Kosovo.
- Reference year: 2022 (2021/2022 academic year in Eurostat). Time series from 2015, where available.
- More about data collection, retrieval, validation: https://national-policies.eacea.ec.europa.eu/eheso/methodology-and-technical-documentation

Principles

- Indicators carefully selected by their relevance to policy objectives.
- Normalised and standardised indicators.
- Transparent methodology (methodological handbooks, downloadable metadata).
- Open access (downloadable data).
- Direct feedback, regular updates and releases.

EHESS structure: indicator groups



Transnational cooperation in Europe in higher education, research and innovation

- Transnational mobility of staff.
- Transnational mobility of students.
- Cooperation of institutions in education, research and innovation.

Example indicators:

Share of mobile students, share of mobile staff, incoming/outgoing Erasmus+ staff and students, international co-publications, participations in European University Initiative.

Future-proof skills and cooperation with industrial systems

- Perceived value of teaching and pedagogical innovation.
- Quality and relevance of future proof skills.
- Cooperation with industrial ecosystems.
- Promoting entrepreneurship.
- Engagement in green transition.
- Engagement in digital transition.

Example indicators:

Perceived teacher quality, student satisfaction with study programme, Erasmus+ traineeships, balance in online and in-person teaching, relationship between student field of study and employment.

EU Values

- Institutional autonomy and academic freedom.
- Gender balance.
- Diversity and inclusiveness.

Example indicators:

Academic Freedom Index, Glass ceiling index, gender imbalance of STEM graduates, share of students with a migration background, share of students with an impairment, share of students with children, students aged 30-39.

International cooperation in higher education, research and innovation

- Global role in education.
- Global role in research and innovation.

Example indicators:

Share of mobile students from outside the EU-27, share of top 1% most cited publications, ERC grants per 1000 academic personnel, Erasmus+ incoming mobilities from non-Erasmus+ countries.

Context indicators (tab)

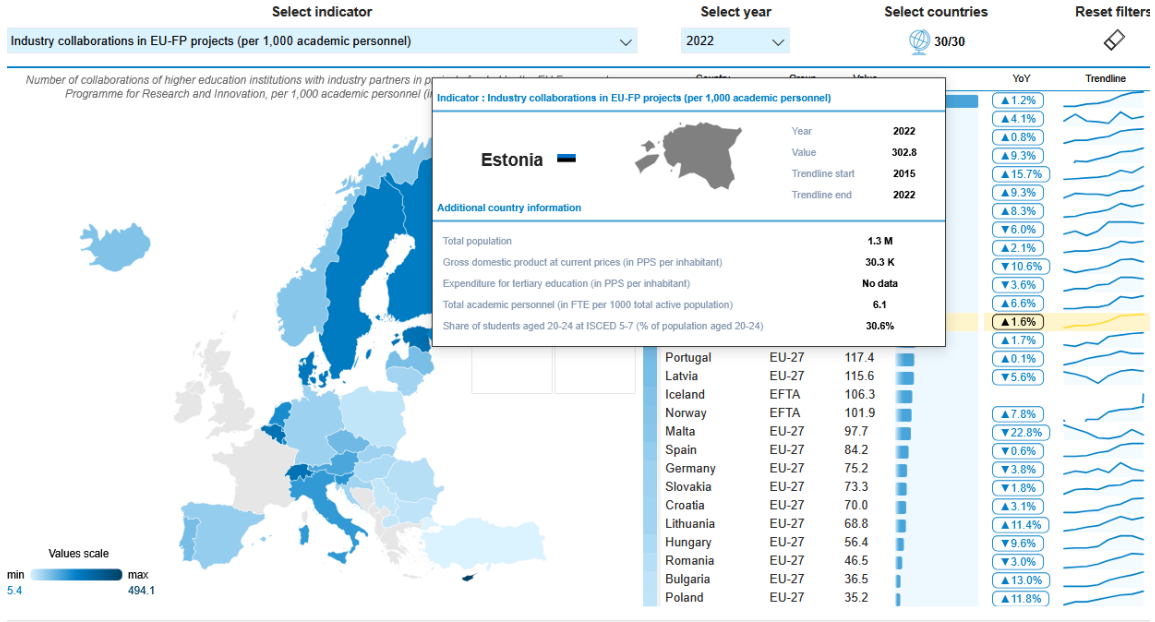
- Higher education system resources.
- Higher education system composition.
- Higher education system activities and outputs.

Example indicators:

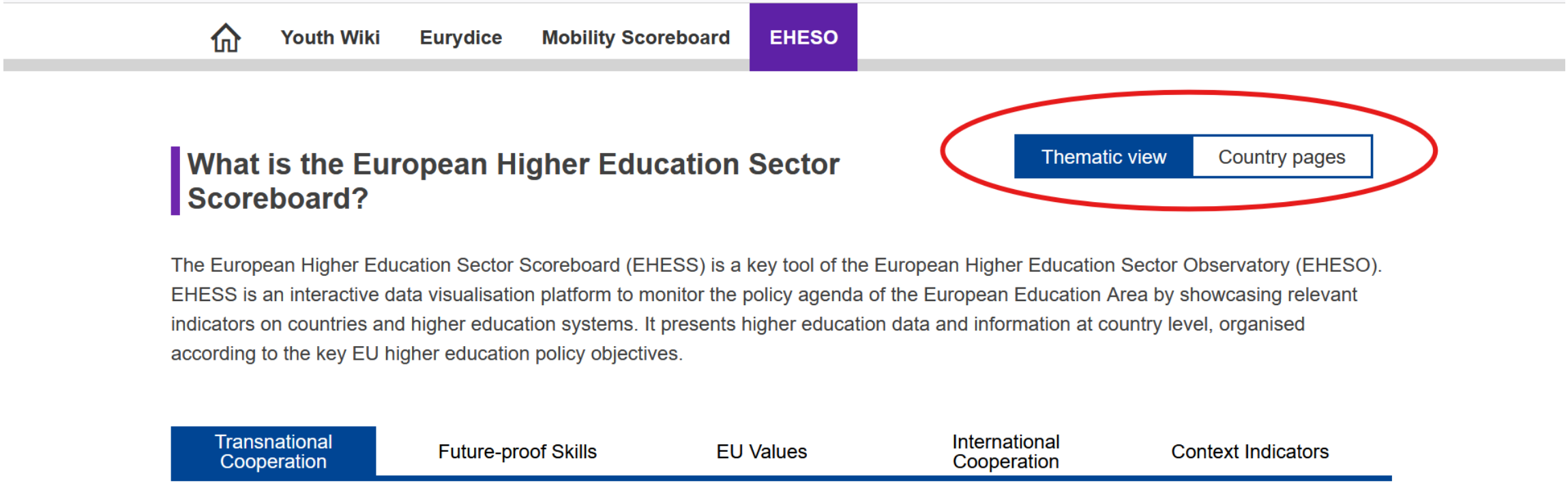
Total population, GDP, share of higher education institution revenues from core budget, share of students aged 20-24 per same age population, graduates aged 20-29, total publications in the higher education sector, share of students in private higher education institutions.

Context indicators (pop-up)

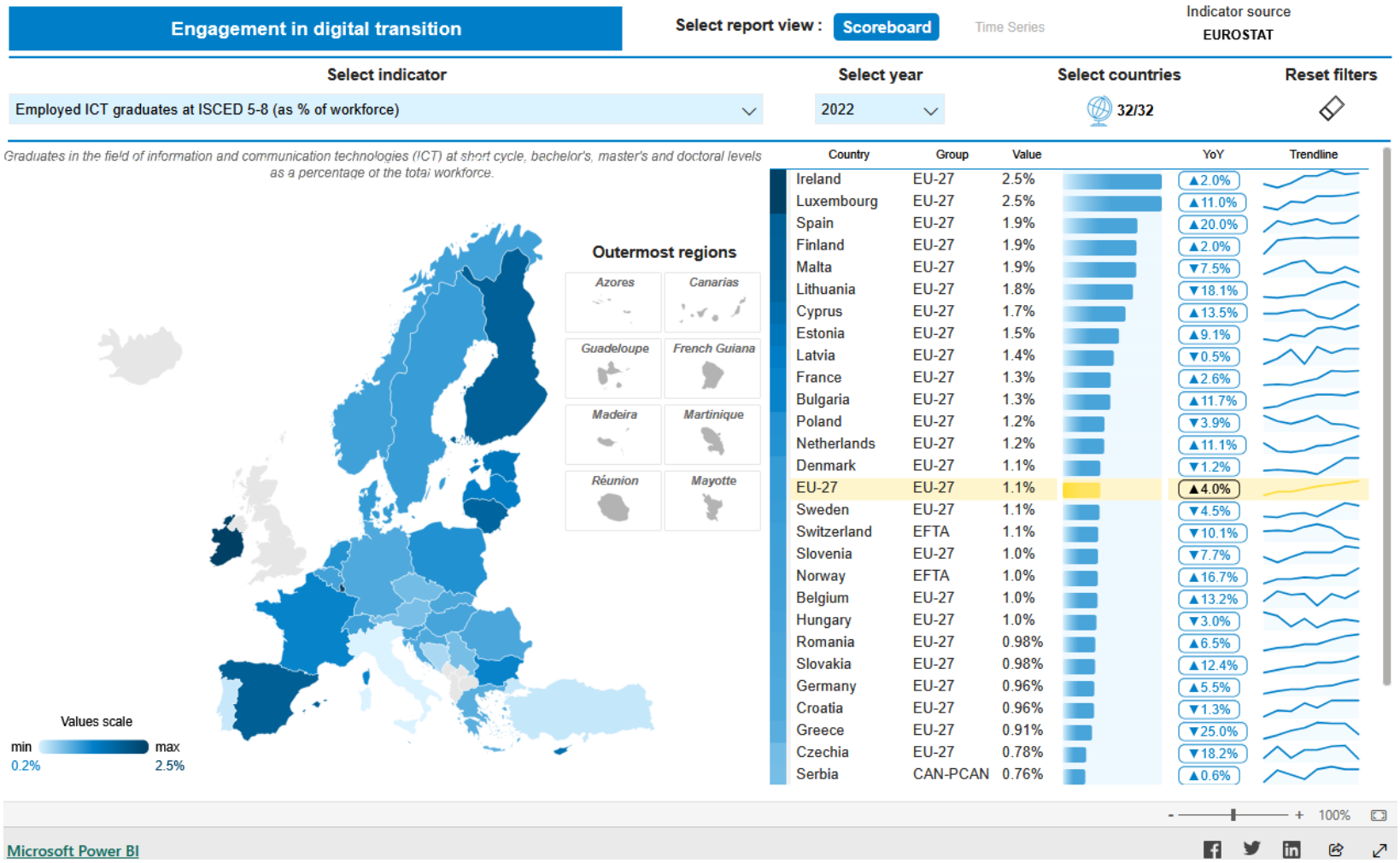
- Country information.
- Population.
- GDP.
- Expenditure for tertiary education.
- Total academic personnel.
- Share of students aged 20-24 as % of same age population.



Thematic view and Country pages



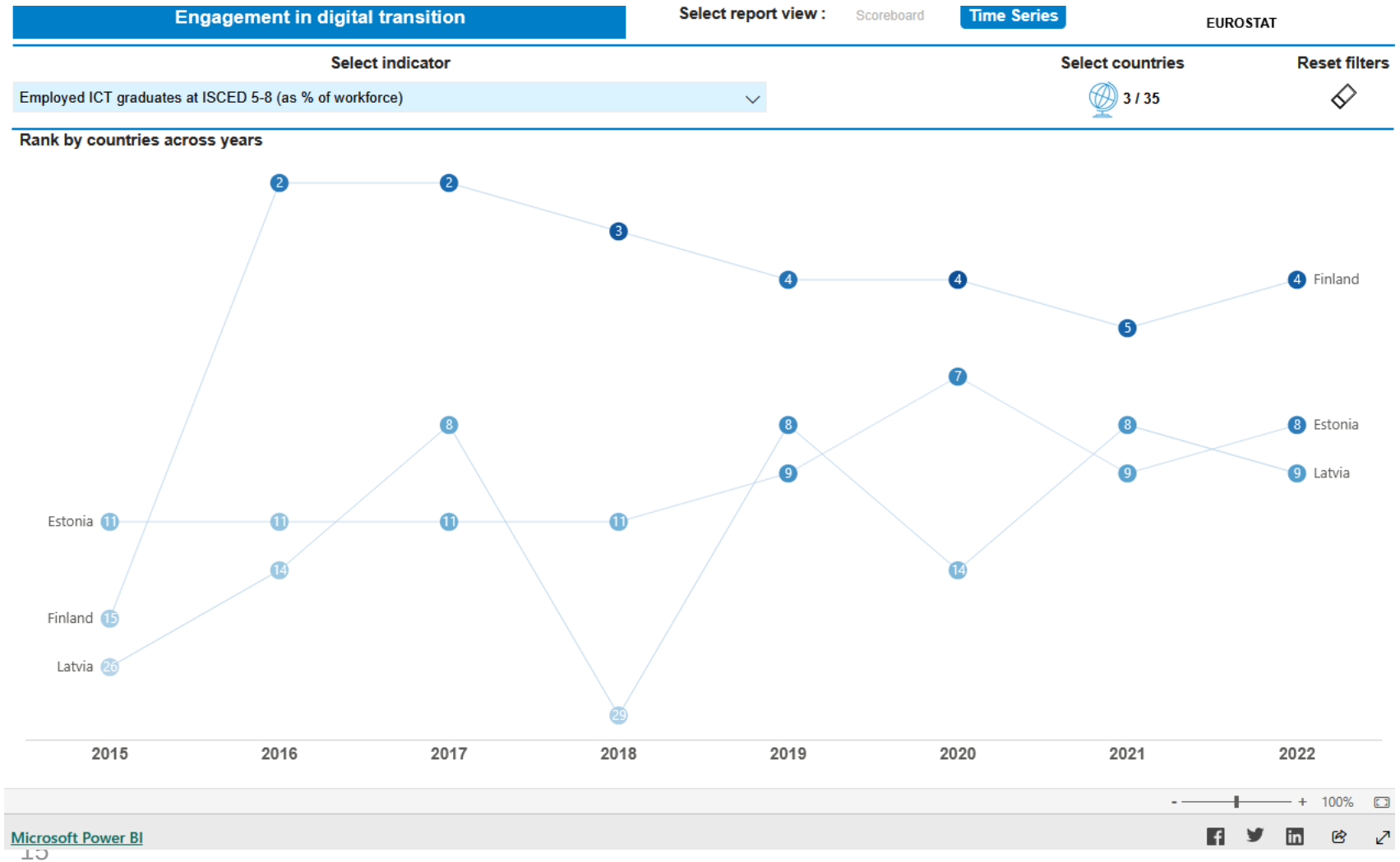
Thematic view. Scoreboard



Focus on indicator.

Explore countries, years, trendlines.

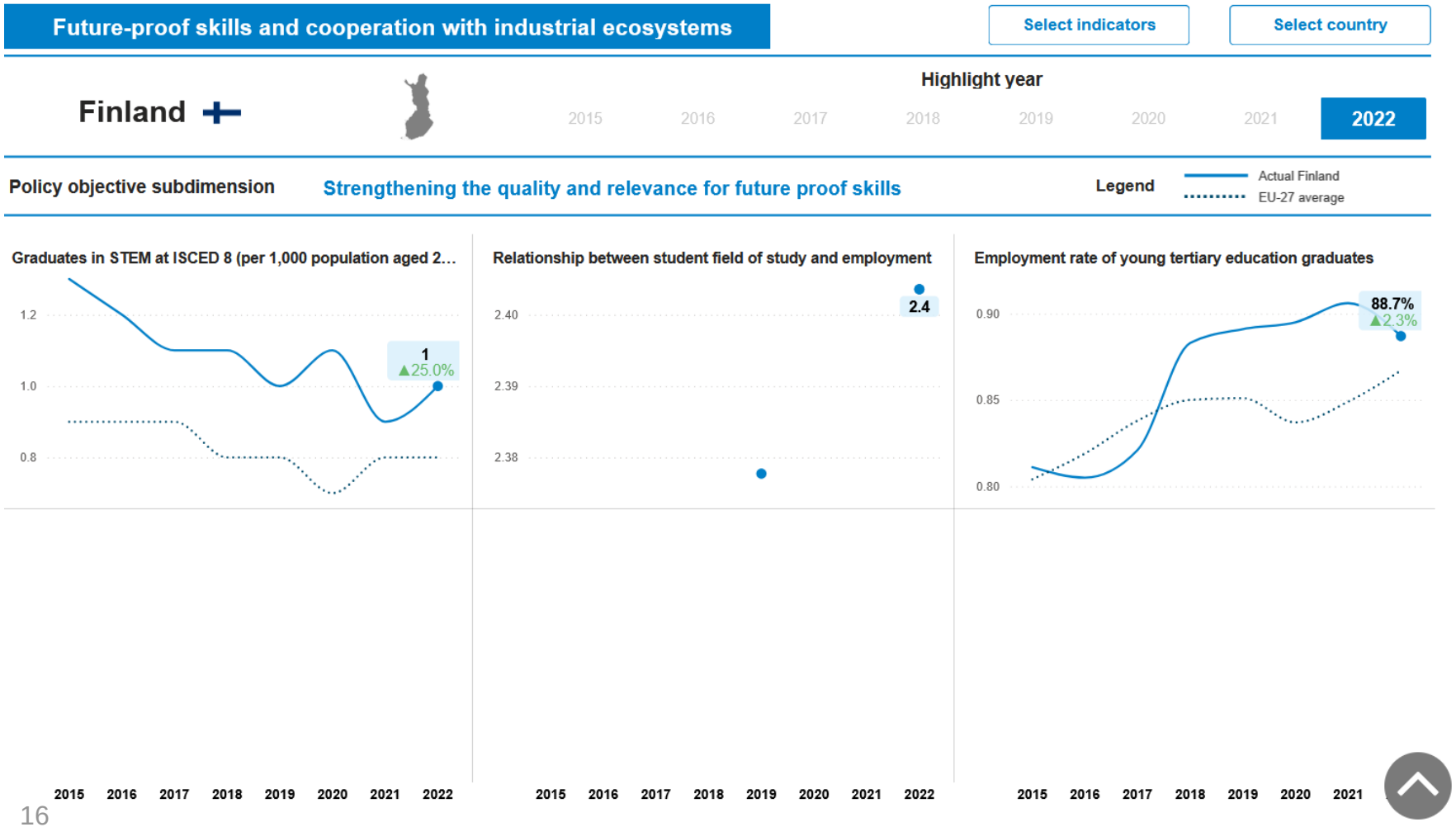
Thematic view. Time Series



Focus on indicator.

Explore countries, time series.

Country pages



Focus on country.

Explore indicators, year, trends.

Maintenance and release

- Regular data updates; synched with data cycles.
- Upcoming release: data download, other fixes.
- Plans to integrate more data, stepwise.

Questions?

Resources

- Broader EHESO methodology: https://national-policies.eacea.ec.europa.eu/eheso/methodology-and-technical-documentation
- Contact us: https://national-policies.eacea.ec.europa.eu/eheso/contact-us

Thank you!

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