European Tertiary Education Register (ETER)
Past, present and future

Online session, 20.05.2021, 2 PM – 4.30 PM

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Agenda

- What is ETER: a recap (Benedetto Lepori)
- ETERIV contract: goals, main activities, organisation (Benedetto Lepori & Agata Lambrechts)
- Data collection process (Daniel Wagner-Schuster & Lisa Schön)
- Dissemination activities (Georg Zahradnik & Thomas Scherngell)
- Q&A (during the whole presentation)

What is ETER

- The reference database on European Higher Education Institutions (HEIs)
  - Data at the institutional level rather than at the country or regional level (EUROSTAT)
- A public resource available online at www.eter-project.eu
- Funded by the European Commission, DG EAC
- Developed in close cooperation with EUROSTAT and National Statistical Authorities

ETER in a nutshell

- About 3,000 Higher Education Institutions
- ‘European countries’: EU-27+EEA-EFTA+UK+(potential) candidate countries
- Currently data for 2011-2016
- Data on:
  - Institutional characteristics (name, foundation year etc.)
  - Geography (main and satellite campuses)
  - Academic and non-academic staff
  - Revenues and expenditures
  - Students and graduates (including various breakdowns)
  - PhD and research mobility
  - Erasmus students
  - Demographic changes (mergers, etc.)

ETER specificities

- EUROSTAT data: country or regional level
- ETER data: institutional level
  - Allows studying the internal differentiation of the HE system (for example universities vs. colleges)
  - And the detailed geographical structure
- Some additional data available
  - More data on academic staff (nationality)
  - Disaggregated structure of HEI revenues
  - Pre-defined indicators at the institutional level

Coverage

- high coverage of HEIs delivering at least a bachelor
  - Universities
  - Colleges
  - Art schools, etc.

  About 95% of students ISCED6-8 compared to EUROSTAT

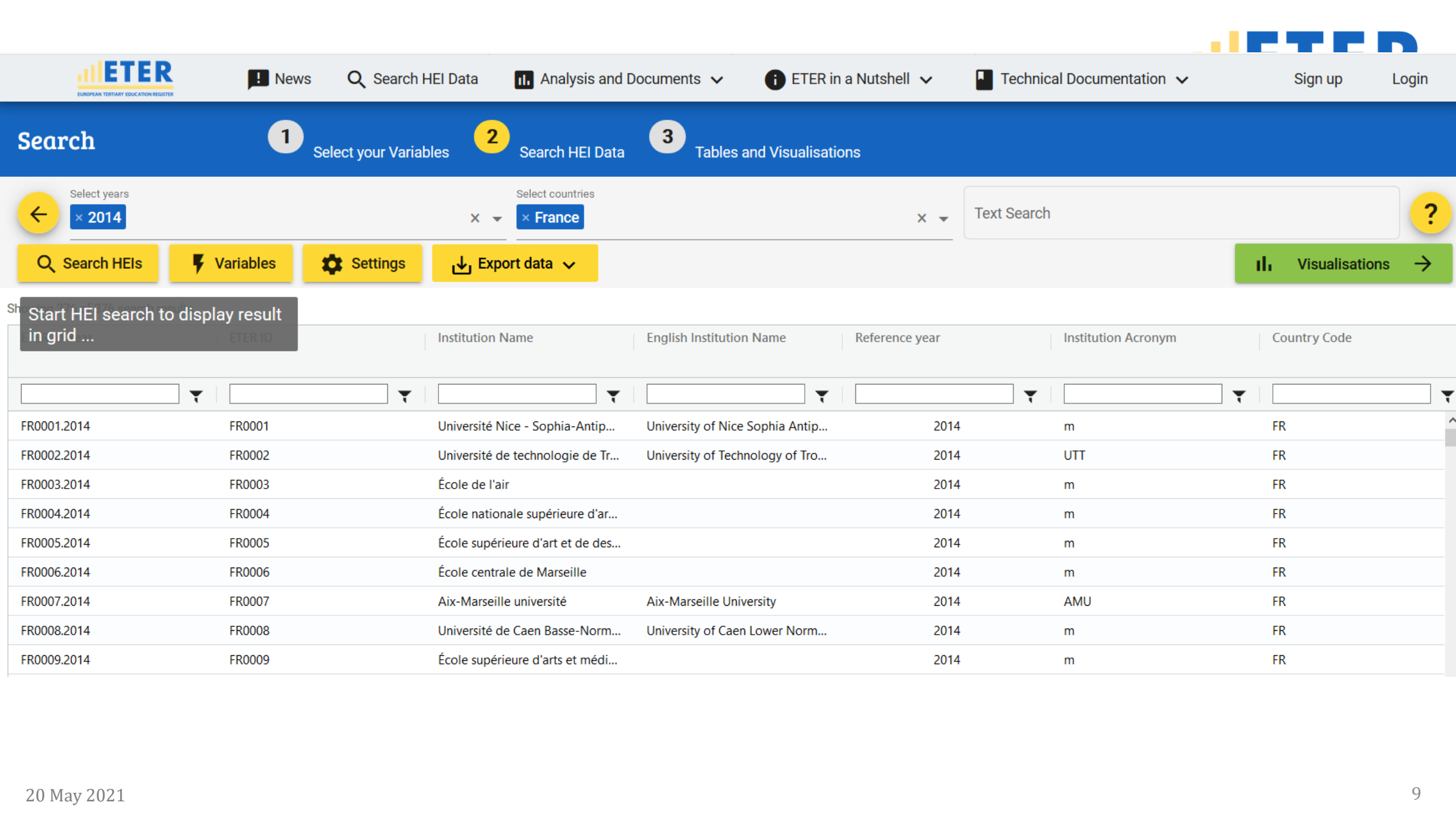
  Lower coverage in few countries.
- No coverage of institutions delivering *only* short diplomas (ISCED5)
  - Because of numbers and data availability

Methods and sources

- Most data come from National Statistical Authorities or Higher Education Ministries
  - Definitions compliant with EUROSTAT UOE data collection
  - Additional definitions for staff and finances
- Descriptive and geographical information from the web, Wikipedia, etc.
- Some information, such as Erasmus data, from EU databases
- Completeness good except for financial data
- Some countries with few data (French part of Belgium, Romania, most Balkan countries)

Access

- Online at www.eter-project.eu
  - Search interface with easy selection of variables, country, year
  - Some visualization and summary report tools
  - Reports
  - Methodological information
  - Newsletter with regular information and analyses
- Data can be downloaded in different formats for statistical analysis
  - Including APIs for interfacing with websites
- Most data fully public
  - Some confidential available only upon registration on the website
  - Consent to publish from the NSAs (based on a data disclosure agreement)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1
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Tables and Visualisations
Select years
× 2014
Select countries
× France
Text Search
Search HEIs
Variables
Settings
Export data
Visualisations
Start HEI search to display result in grid ...
ETER ID
Institution Name
English Institution Name
Reference year
Institution Acronym
Country Code
FR0001.2014 FR0001 Université Nice - Sophia-Antip... University of Nice Sophia Antip... 2014 m FR
FR0002.2014 FR0002 Université de technologie de Tr... University of Technology of Tro... 2014 UTT FR
FR0003.2014 FR0003 École de l'air 2014 m FR
FR0004.2014 FR0004 École nationale supérieure d'ar... 2014 m FR
FR0005.2014 FR0005 École supérieure d'art et de des... 2014 m FR
FR0006.2014 FR0006 École centrale de Marseille 2014 m FR
FR0007.2014 FR0007 Aix-Marseille université Aix-Marseille University 2014 AMU FR
FR0008.2014 FR0008 Université de Caen Basse-Norm... University of Caen Lower Norm... 2014 m FR
FR0009.2014 FR0009 École supérieure d'arts et médi... 2014 m FR

Usage and cooperation

- Widely used in the research literature
- Widely used for policy reports: Eurydice on academic staff, JRC on student mobility, DG Regio on access to higher education
- Well-developed cooperation
  - OECD project on international higher education data
  - EQAR database on institutional evaluation
  - To be further developed in the current contract (WHED, EUA, MULTIRANK).

ETERIV contract

- Extend and strengthen the current system
  - Additional years of data collection
  - Improving the coverage of HE
  - Improve completeness and data quality
  - Extend cooperation with similar initiatives (OECD, EQAR, WHED, U-Multirank)
- Extend usage and dissemination
- Prepare the future
  - Inventory of data needs and data sources

Organisation

- DG EAC contract
- 3 years (05.2021-04.2024)
- Five partners (USI, JOANNEUM, AIT, NIFU, Sapienza)
  - National experts and NSAs
- Supported by
  - A Strategic Advisory Board
  - A Technical Support Group (incl. NSAs)

Activities 1/3

- Management
  - Consortium management
  - Management of the expert network
  - Meetings with the EC
  - Advisory Board and Technical Support Group plenary meetings
  - Producing interim and final reports
- Data collection and data quality
  - Perimeter revision
  - Three rounds of data collection
  - ISCED5 perimeter extension
  - Data quality extension
  - Data publication

Activities 2/3

- Data and web infrastructure
  - Redesign and upgrade of the technical infrastructure
  - Redesign of the web interface
- Methodology
  - Methodological improvements
  - Publishing of a new handbook
  - Adressing country issues
  - Methodology for new variables and breakdowns
  - ISCED5 institutions methodology
  - Training
  - TSG meetings and reports

Activities 3/3

- Embedding ETER in international developments
  - Interoperability with European and international datasets
  - Cooperation with other European initiatives
  - Report on cooperation
- Dissemination
  - ETER newsletter and social media dissemination
  - Training
  - Country snapshot reports
  - Providing data and analyses to relevant EC services
  - Dissemination to scholarly community and policy makers
- ETER extensions
  - Mapping of European and international data sources
  - Executive plan for ETER extensions

Cooperation with the RISIS project

- H2020 infrastructure project on science and innovation data
  - Main research partner of ETER
- Forms of cooperation
  - Register of public research organizations OrgReg (https://rcf.risis2.eu/)
    - A register with a larger perimeter than ETER and systematic coverage of demography (from the year 2000 onwards) and linkages
  - Research output data (WoS publications, patents, EU-FP projects)
  - Scholarly dissemination activities (research seminars).

ETER
EUROPEAN TERTIARY EDUCATION REGISTER

RISIS 2 | Research Infrastructure | OrgReg

https://register.orgreg.joanneum.at/#/search/sub-register/0

RISIS OrgReg

Register | HEI Database | Information about OrgReg | Admin | API doc

logout blepori@usi.ch

Toggle side bar

Search

Search

Start the search using chosen filters.

Year range

from year 2000 to year 2021

Set the desired year-range using the sliders or the input fields.

Country of location

× Austria

Choose your countries.

Level of entity

Search the OrgReg database

Search for active entities and corresponding information

Panel data

Export | Display and Export Settings

Entities | Characteristics | Location | Demographics | Linkages

Showing 144 of 144 search results.

Entity ID	ROR ID	Entity current name (English)	Entity synonym	Entity foundation year	Remarks on foundation year
AT0001	https://ror.org/03prydq77	University of Vienna		1365	Historical start of the institution, unde
AT0002	https://ror.org/01faaaf77	University of Graz		1585	Historical start of the institution - Arch
AT0003	https://ror.org/054pv6659	University of Innsbruck		1669	1669 the university was founded the fi
AT0004	https://ror.org/05gs8cd61	University of Salzburg		1622	The university was founded 1622, as Al
AT0005	information missing	Vienna University of Technology		1872	TU Wien was founded as the Imperial a
AT0006	information missing	Graz University of Technology		1874	Recognition as university. Founded in
AT0007	https://ror.org/02fhfw393	University of Mining Leoben		1904	Recognition as university. Established
AT0008	https://ror.org/057ff4y42	University of Natural Resources ...		1872	Historical start of the institution. Form
AT0009	https://ror.org/01w6qp003	University of Veterinary Medicin...		1897	The institution was granted the title of
AT0010	https://ror.org/03yn8s215	Vienna University of Economics...		1975	The predecessor was founded in 1898,
AT0011	information missing	University of Linz		1966	On October 8, 1966, an official ceremo

Data collection process

- Process already started with analyses of current situation per country
  - Coverage by institutions and variables
    - Are there institutions, which are not covered, but should be?
    - Can we close gaps in the data?
- Perimeter validation
  - RISIS-OrgReg (Register of Public-Sector Organizations) as basis
    - Perimeter files prepared together with a manual by ETER team
    - NSAs/NEs receive list of institutions => confirm inclusion
    - Descriptors and geographical data already included in perimeter file, since changes will also be transferred to OrgReg
  - Planned to be finalized in September

Data collection process

- Data collection to be started in September
  - for 3 academic years (2017/18 – 2019/20; optional: 2020/21)
- Proposed inclusion of new variables
  - Student characteristics foreseen in UOE data collection (full-time/part-time; age)
  - Academic staff (high interest, ETER team provides proposal for TSG meeting in June)
- Each country has a contact person in the ETER team
  - Data collection files and guidelines prepared by ETER team => send to NSAs/NEs
  - Returned files will run through data quality process, upcoming questions will be discussed between data deliverer and contact person
- 2 data collection training sessions will be organized in August/September
- Publish data in Spring 2022

Dissemination Overview

- Staged; building up on ETER I-III
- User centric approach along main user groups:
  - Scholars in higher education
  - Policy makers
  - Institutional managers in higher education
- Widening the user base
- Embedding in related communities
- Support of EC dissemination activities

Dissemination Phases

Resumption and awareness raising

- Ongoing
- ETER website
- Social media activities (Twitter)
- ETER newsletter
- ETER zenodo community
- Supporting materials (handbook, interactive tutorial, webinars)
- Updated visual identity

Training

- From August 21 onwards
- Training for data collectors
- Training for ETER users groups (scholars, policy makers, research managers)
- Training technical infrastructure and support team

Intensified dissemination and widening user base

- After first release of new data (March 22)
- Country snapshot reports
- Research seminars (embedded in RISIS)
- Policy seminars and seminars for research managers
- Analytical support group for the EC

Main channels & activities

- eter-project.eu
- Newsletter
- @ETER_EU
- zenodo.org/communities/eter
- Trainings (mainly online)
  - Data collectors & providers
  - Specific user groups (scholars, policy makers and institutional managers in HE)
- Supporting materials (handbook, interactive tutorial, webinars, etc.)

Country snapshot reports

- Automated standardized reports
  - Pilot in October 2021
  - Basic characteristics of national HE system
  - Policy relevant topics of interests (e.g. students inclusion)
- Structure and topics based on
  - inputs from the lead users
  - inputs from national experts
  - agreed on with the EC based pilot report
- Release of annual updates

Training

- Training for higher education data providers and internal training for the national experts within the project team
  - Two alternative dates are foreseen for the first training end of August and beginning of September (envisaged August 26, and September 16)
  - Ongoing, in particular for each round of data collection
- Customized on-demand training for institutional managers in higher education
  - Starting 2022
  - Programme to be defined

Partners, national experts and NSAs as multipliers

- Follow, share, add and like on twitter @ETER_EU #ETER
- Add to and share from Zenodo
- Subscribe (and advertise) ETER newsletter
- Follow related communities (e.g. RISIS, OpenAire)
- Country snapshot reports
  - Specify needs, comment and distribute nationally!
- Training and dissemination events
  - Specify needs, participate and share!

Next steps

- Analysis of the country situation by mid-June
  - Priorities for extensions and addressing data issues
- Technical Support Group by late June
  - Revision of the handbook
  - New student and academic staff breakdown
- Perimeter revision (incl. descriptors and geographical information)
  - July – August
- Start of data collection: September
  - Training for data collection: 26.08 and 16.09.
- Data publication: February 2022.

Long-term outlook

- Develop a strategy for the long-term extension of ETER
  - Potential for alternative methods of data collection
  - Fostering interoperability by sharing HEI identifiers
  - How do we deal with ISCED5 coverage?
- Consolidating the relationships with NSAs/countries
  - Defining their long-term role in ETER
  - Broadening the scope of cooperation
- Establish ETER as the reference database on European HEIs
  - For scholarly and policy analyses

THANK YOU !

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