



# Integrating Library Data Collections with Research Data Services

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European University Institute

# European University Institute



- Founded in 1976
- Located in Fiesole, Florence
- Economics, Law, Social/Political Sciences, History
- 575 PhD candidates
- 65 Professors
- 150 post-doctoral Fellows

 [About the EUI](#)

# EUI Library



- 650,000 volumes
- 20 staff & 6 trainees



[About the Library](#)

# Library data roles

20 <sup>TH</sup> CENTURY	21 <sup>ST</sup> CENTURY
Selection, acquisition, deposit Collection development Serials maintenance Paper, multi-media	Selection, acquisition, internet Collection development e-Resources: licensed e-Resources: open data
Cataloguing, classification  Terms of access	Cataloguing, classification Data portals / data repositories Terms of access
Circulation, access Paper, multi-media	Access Catalogue [IP] Web platforms / Data repositories / Internet
Reference support for statistics / serials	Content support
Magnetic tape / CD-rom / DVD	Software / ICT support
	Research Data Management / DMPs
	Metadata for generated datasets
	Repositing / open data
Preservation / archiving	Preservation / archiving

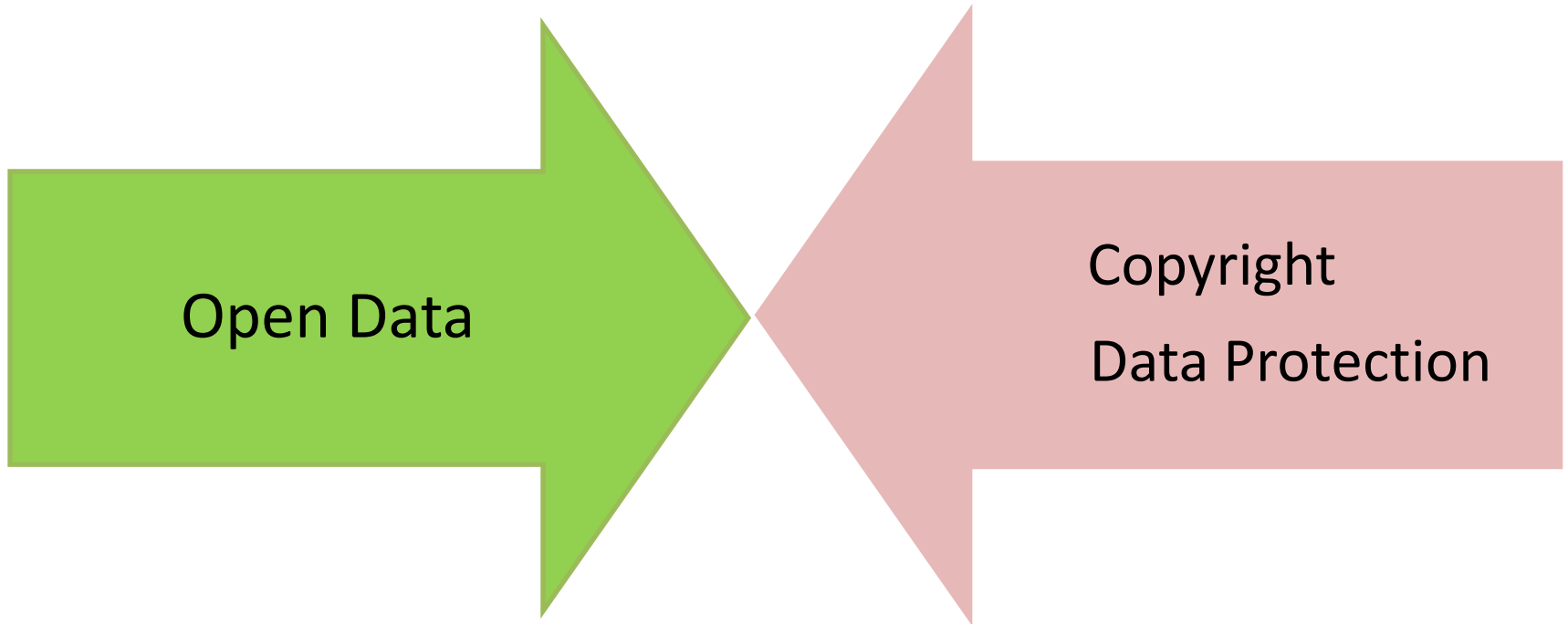


# Communities

- Scholars / Data creators
- Library community
- ICT community
- Repository / Open data community
- Data publishers / Statistics agencies

- Data sources
  - Open public data providers – macro
  - Restricted / licensed data providers – micro
  - Open research data / repositories
  - Data publishers – commercial license
  - Surveys and fieldwork
- Criteria
  - Quality and relevance

# Open and restricted



# Restricted vs. open







# Data access ecosystem

Free - restricted

Free - open

Paid - restricted

Paid – open  
Freemium

# 'Mixed' data sources

Rates of scholarly demand for different types of data change over time and *vary across disciplines and sub-disciplines*

- Open public data providers – macro
- Restricted / licensed data providers – micro
- Open research data / repositories
- Data publishers – commercial license
- Surveys and fieldwork



# Finance & micro data

## THE WALL STREET JOURNAL

MONDAY, SEPTEMBER 12, 2008 • VOL. CCLXXI, NO. 41

LEHMAN BROTHERS  
▼94.4%

Merrill Lynch  
▼68.2%

AIG  
▼79.2%

### Crisis on Wall Street as Lehman Totters, Merrill Is Sold, AIG Seeks to Raise Cash

#### Fed Will Expand Its Lending Authority in a Bid to Calm Markets, Moves Cap a Momentous Weekend for American Finance

The American financial system has been shaken by the collapse of Lehman Brothers and the sale of Merrill Lynch. The Federal Reserve has taken steps to stabilize the system, including expanding its lending authority. AIG is seeking to raise cash to meet its obligations.

**Ultimatum By Paulson Sparked Frantic End**

The crisis on Wall Street reached a fever pitch as Lehman Brothers filed for Chapter 11 protection, Merrill Lynch was sold to Bank of America, and AIG sought a \$150 billion loan from the Treasury. The Federal Reserve announced it would expand its lending authority to include all financial institutions, not just prime brokers.

Chapman & Hall/CRC  
Statistics in the Social and Behavioral Sciences Series

### Statistical Studies of Income, Poverty and Inequality in Europe

Computing and Graphics in R Using EU-SILC

Nicholas T. Longford

CRC Press  
A CHAPMAN & HALL BOOK

# Integrated services

- The strong position of commercial data providers in the fields of Economics and Business – and the continuing necessity for researchers to access data held under commercial license – requires research institutions to have an integrated approach to *both* open data *and* data made available under commercial license.
- Library experience of e-resource licensing is valuable in the RDM and open data context: Whether, when, how, where and under what terms, research data outputs – especially 'mixed' data outputs – can be shared as open data

# Data Inputs and outputs

- Open public data
- Open research data
- Restricted micro
- Commercial license
- Surveys / fieldwork

Research  
dataset

Whether, when, how,  
where and under what  
terms, research data  
outputs and 'mixed' data  
outputs can be shared  
as open data



# DIGITAL SINGLE MARKET

## Digital Economy & Society

European Commission > Results of the consultation on Open Research Data



The strategy

Economy

Society

Access & connectivity

Research & innovation

DG CONNECT

Research & innovation

Innovation

Digital Infrastructures

Emerging Technologies

Components & Systems

Open Science

Open Access

Citizen science

Global Systems Science

ICT & Art

EU investments

## Results of the consultation on Open Research Data

Open enquiry is at the heart of scientific endeavour, and rapid technological change has profound implications for the way in which science is conducted and communicated. Research is being transformed in particular by the increasing availability of digital data and new technologies for gathering, processing and generating digital resources.

In the [Communication](#) 'Towards better access to scientific information', the Commission announces that it will 'provide a framework and encourage open access to research data in Horizon 2020, taking into account any restrictions that may be needed in order to protect intellectual property or legitimate commercial interests'.



Share



# 'Mixed' datasets - access

- There is no consensus on whether research datasets sourced, or part-sourced, from pre-existing, commercially-licensed databases can be platformed in open access mode.
- An important issue to clarify is: What would be the reasonable ('fair use') quantity of commercially-sourced data – elaborated in a research data project – that could be placed in an open data repository?
- Case-by-case
  - Embargo, public version &c.

# Economic and Data Information Services

• For information please contact [Thomas Bourke](#)

## Economics

- [Library Catalogue](#)
- [Economics Journals](#)
- [Economics Books](#)
- [VSP Book Delivery Form](#)
- [Economics Working Papers](#)
- [Departmental Library Services](#)
- [Books & Data Manuals in Departmental Library](#)

## Statistical Data

- [Data Portal](#)
- [Macro Data](#)
- [Micro Data](#)
- [EU & Euro Area Data](#)
- [Introduction to Data](#)
- [Data Software Manuals](#)
- [Database modes of access](#)



## Departmental Library Services



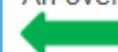
Books in the Departmental Collection are listed on [this page](#) with links to eBooks. 30-day loan copies can be delivered from the Badia to the VSP by completing [this form](#). The Information Service at the

Villa San Paolo is open on Monday, Wednesday and Friday afternoons. [One-stop Guide](#).

## Research Data Services

### DATA SERVICES

An overview of data services and open



data is on [this Library page](#). EUI-generated data can be included in the [Research Data Registry \(beta\)](#). Sign up for the weekly data e-Bulletin via [econlibrary@eui.eu](mailto:econlibrary@eui.eu)

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**Research Guides**

▸ **Economics**

- [VSP Library](#)
- [Statistics](#)
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# Economic and Social Data Portal

For data support please contact [Thomas Bourke](#)

## Macro Data

[Capital Markets Database \(ECMI\)](#)  
[Central & Eastern European data](#)  
[ComExt: Intra- and Extra-EU trade](#)  
[Comparative Constitutions data](#)  
[Comparative Political Data Sets](#)  
[Cross-National Time-Series](#)  
[Data Repositories Registry – re3data.org](#) ←  
[Datastream – Thomson Reuters](#)  
[Demographic Yearbook – UN](#)  
[Direction of Trade Statistics – IMF](#)  
[Electoral and parliamentary data](#)  
[EUI Research Data Registry](#) ←  
[European Central Bank data](#)  
[European Data Portal](#)  
[European regional \(sub-state\) data](#)  
[Eurostat data](#)  
[Eurostat Yearbook](#)  
[Federal Reserve data \(USA\)](#)

## Micro Data

[Adult Education Survey – Eurostat](#)  
[Amadeus European company data](#)  
[Bankscope – European and global banking data](#)  
[Consumer Expenditure Survey \(USA\)](#)  
[Current Population Survey \(USA\)](#)  
[DNB Household Survey \(Netherlands\)](#)  
[DReMM migration data](#)  
[ECRI European household lending data](#)  
[EU-LFS – Labour Force Survey](#)  
[EU-SILC – Statistics on Income and Living Conditions](#)  
[EUDO data on European democracy](#)  
[Eurobarometer surveys](#)  
[EUROMOD tax and benefits simulator](#)  
[European Community Household Panel](#)  
[European Social Survey](#)  
[European Values Study](#)  
[German Socio-Economic Panel data](#)  
[GESIS – social sciences data](#)

## DATA PORTAL

- [Classification of data](#)
- [Conditions of use](#)
- [Data Portal](#)
- [Data protection](#)
- [Data services](#)
- [Data software manuals](#)
- [Data updates @eui \(sign up\)](#)
- [Economics resources](#)
- [EUI Open Data Registry](#)
- [European statistical data](#)
- [Horizon 2020 data support](#)
- [List of data sets \(Excel\)](#)
- [Loading data for Windows](#)
- [Macroeconomic data](#)
- [Micro socioeconomic data](#)
- [Open data](#)
- [re3data repository registry](#)
- [Registration for micro data](#)
- [Remote computing / Citrix](#)
- [Research Data Guide 3.0 \(EUI\)](#)
- [Research software \(EUI ICT\)](#)
- [Research software manuals](#)
- [Research software support](#)
- [Restricted server: micro data](#)
- [Socioeconomic data](#)
- [Software manuals](#)
- [Terms and conditions of use](#)
- [Welcome!](#)



## Research Data Services



- Data discovery and EUI Data Portal
- Terms and conditions of use
- Support, software and infrastructure
- Research data management & DMPs
- Data management in EU Horizon 2020
- Metadata: describing data outputs
- Data preservation, repositing and open data



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# EUI Research Data Registry (beta)

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- › This Registry lists open datasets generated from research projects at the European University Institute
- › To have an EUI dataset included in the Registry, write to [econlibrary@eui.eu](mailto:econlibrary@eui.eu)
- › EUI Project Directors should [complete this form](#) so that support services are aware of ongoing research
- › Further information is on the [EUI Data Services page](#).

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## European Union Democracy Observatory (EUDO): 2014 *euandi* data and 2009 *EU Profiler* data



The European Union Democracy Observatory at the EUI generates data on democratic practices in Europe. Prior to the European Parliament elections of May 2014, EUDO launched *euandi* - an online voting advice application.

Party data from the *euandi* project is accessible via GESIS archive, [Study ZA5917](#).

Voter profile data (anonymised) from the *euandi* project is [Study ZA5970](#).

New users should [create an account](#) on the GESIS site to download. The *euandi* data codebook is at [this link](#).

Data from the 2009 EU Profiler project is accessible via the [GESIS archive](#) (studies ZA5801 to ZA5839) and the [EUDO Data Centre](#). The EU Profiler codebook is at [this link](#). Further details are on [this Library page](#).

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## Ownership Links and Enhanced EUTL Dataset - EUI Florence School of Regulation

Florence  
School of  
Regulation


The Ownership Links and Enhanced EUTL Dataset provides firm linkages' and consolidated holdings' data on the European Union Transaction Log. The dataset includes company linkages and other relationships, using transaction data from the European Commission and company data from the Amadeus (BvD) database. The project is coordinated at the EUI Florence School of Regulation, with research partners in Umeå University, University of Groningen, University of Graz, DIW Berlin, the

LSE and Université Paris-Dauphine, with support from the European Commission. [The dataset is archived in the Zenodo repository](#).

- › [Classification of data](#)
- › [Conditions of use](#)
- › [Data Portal](#)
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# EUDO and EU&I in GESIS


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## GESIS Data Catalogue 2.1


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- Studies**
- Geographic Codes




Member of the  Leibniz Association

 Registration agency for social and economic data

 DataCite

DBKSearch 2.1 © GESIS


### ZA5917: euandi (Expert Interviews)

<a href="#">Bibliographic Citation</a>	<a href="#">Content</a>	<a href="#">Methodology</a>	<a href="#">Data &amp; Documents</a>	<a href="#">Errata &amp; Versions</a>
<a href="#">Further Remarks</a>	<a href="#">Groups</a>			

You have requested the DOI for the current version!

<a href="#">Citation</a>	<i>Trechsel, Alexander H.; Garzia, Diego; De Sio, Lorenzo (2014): euandi (Expert Interviews). GESIS Data Archive, Cologne. ZA5917 Data file Version 1.0.0, doi:10.4232/1.12138</i>
Study No.	ZA5917
Title	euandi (Expert Interviews)
Current Version	1.0.0, 2014-12-15, doi:10.4232/1.12138
Date of Collection	02.2014 - 04.2014
Principal Investigator/ Authoring Entity, Institution	<ul style="list-style-type: none"><li>• Trechsel, Alexander H. - European University Institute (EUI), Florence</li><li>• Garzia, Diego - European University Institute (EUI), Florence</li><li>• De Sio, Lorenzo - LUISS University, Rome</li></ul>
<a href="#">Categories</a>	<ul style="list-style-type: none"><li>• Political Parties, Organizations</li><li>• Political Issues</li></ul>
<a href="#">Topics</a>	<ul style="list-style-type: none"><li>• 11.5 Mass political behaviour, attitudes / opinion</li><li>• 11.6 Government, political systems and organisation</li></ul>



# European University Institute

## Recent Uploads

23 January 2014 Dataset Open access

### FSR Ownership Links and Enhanced EUTL Dataset

[Florence School of Regulation](#)

The European Union Emission Trading Scheme (EU ETS) dataset was created by a team of researchers at the Florence School of Regulation in the Robert Schuman Centre for Advanced Studies, European University Institute: J. Jaraite; T. Jong; A. Kažukauskas; ...

Uploaded by Thomas on 15 March 2016.

View

28 May 2013 Dataset Open access

### Survey of Local Organisations and Economic Development in the Czech Republic, Hungary and Poland (2007).

This survey, undertaken in 2007, covers 1,200 local organisations in the Czech Republic, Hungary and Poland. Data cover two regions per country - one above and one below the average level of countrywide economic development (GDP, unemployment rate, rate ...

Uploaded by Thomas on 29 May 2013.

View

Community collection



## European University Institute

The European University Institute located in Florence, is an international doctoral and postdoctoral research institute, established by the EC Member States in 1976, specialising in economics, political and social sciences, law and history.

**Title:**

European University Institute

**Curated by:**

[Thomas](#)

**Curation policy:**

Data included in this community must have been generated in the context of a research project at the EUI. Datasets derived from restricted microdata and/or commercially licensed databases must be reviewed by administrator before uploading.



# EUI examples

- FSR firm/emissions trading → Zenodo
- EUDO *Profiler* and EU&I → GESIS
- Importance of data 'neighbourhood' for discovery of data

# Data management plans



Horizon 2020  
The Framework Programme  
for Research and Innovation

## ADEMU

A Dynamic Economic and Monetary Union

<u>Plan name</u>	ADEMU DMP
<u>ID</u>	EUI EE6
<u>Grant number</u>	649396 – Horizon 2020
<u>Principal Investigator</u>	Ramon Marimon
<u>Plan data contact</u>	ramon.marimon@eui.eu (+39) 055 4685 911
<u>Description</u>	The objective of the ADEMU research project is to reassess the overall fiscal and monetary framework of the EU and, in particular, the euro area. Research questions relate to: (i) The long-term sustainability of the EMU (ii) Policy coordination and economic stability within the EU (iii) Risk from macroeconomic and financial imbalances. Empirical, simulated and experimental data will be collected, generated and used to enhance understanding of ADEMU's research topics.
<u>Funder</u>	European Commission (Horizon 2020)



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