Open Data and Research Data Management

econlibrary@eui.eu

Open Data

- A growing trend among scholars, government agencies and international organisations to share data outputs, codebooks and software.
Research Data Management

• Research data management (RDM) encompasses the control of data inputs, the use of data, the protection of data, and the creation of data outputs.
• RDM covers the description of data and tools; the storage of data during analysis; the provision of clear and accurate metadata; the preservation of data; and - where possible - making research data outputs available to other researchers as open data.

Open Data Discovery & RDM
# Open Public Data & Open Research Data

## OPEN DATA

| Open Public Data (eg. official statistics, macro) |

## RESTRICTED ACCESS DATA

| RESTRICTED ACCESS DATA |

## Economic and Social Data Portal

### Macroeconomic data
- Central and Eastern European data
- ConEx - Intr- and Extra EU trade
- Comparative contributions data
- Comparative Political Data Set
- Cross-National Time Series
- Data Repositories Registry - repdata.org
- Datasream - Thomson Reuters
- Demographic Yearbook - UN
- Direction of Trade Statistics - IMF
- Electoral and parliamentary data
- EU open data registry
- European Capital Markets Database
- European Central Bank data
- European Data Portal (EC)
- European regional (sub-state) data

### Micro-socioeconomic data
- Micro loan descriptions
- Adult Education Survey - Eurostat
- Arneke European company data
- Banking data - Orbis Bank Focus
- Consumer Expenditure Survey (USA)
- Current Population Survey (USA)
- DNB Household Survey (Netherlands)
- EMF household registration data
- ECHP European household budget data
- EU-LFS, Labour Force Survey
- EU-SILC, Statistics on Income & Living Conditions
- EUDC database on European democracy
- Eurostat Eurobarometer surveys
- EUROMOD tax and benefit simulator
- European Community Household Panel
- European Social Survey

### Data Support
- Conditions of use
- Data protection
- Data services
- Data software manuals
- Data news - d@sign up
- Economic research resources
- EU open data registry
- European, EU & Euro Area data
- Eurostat 2020 data support
- List of data resources (Excel)
- Loading data for Windows
- Macroeconomic data directory
- Micro-socioeconomic data directory
- One-stop guide
- Open data

---

**For support please contact Thomas Bourse**
EUI Research Data Registry (beta)

- 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: eoinquiry@eui.eu
- EUI Project Directors should compile this form so that support services are aware of ongoing research
- Further information is on the EUI Data Services page.

European Union Democracy Observatory (EUDO). 2014 event data and 2009 EU Piffer 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 euard – an online voting advice application.

Party data from the euard project is accessible via GESIS archive. See the link.

Voter profile data (anonymised) from the euard project is Study 256355.

New users should create an account on the GESIS site to download. The euard data codebook is at the link. Data from the 2009 EU Piffer project is accessible via the GESIS archive (study 256355 to 256359) and the EUDO Data Centre. The EU Piffer codebook is at this link. Further details are on the Library page.

Ownership Links and Enhanced EUFL Dataset: EUI Florence School of Regulation

The Ownership Links and Enhanced EUFL 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 (EUI) 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 Zeno repository.
Research Data Management helps determine:

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

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
1. DATA DISCOVERY AND ACCESS
The Library maintains a Data Portal providing access to both (i) licensed, restricted access, data resources for EU member states and (ii) open data resources relevant to EU research themes.

There are three sub-directories:

Macroeconomic databases provide statistics on national, regional and global economic and political-economic developments from major international institutions and data publishers, including Thomson Reuters, Eurostat, the ECG, OECD, IMF, World Bank and WWF.

Micro-social-economic databases provide individual, family and household-level data observations. Major providers include GESIS, Bureau van Dijk, ICPRR, UKOS, Eurostat and SIS. Access to micro data provided to EU member states under licence requires additional registration. Special terms and conditions relating to micro-social-economic data access and use are described in Section 2 below.

European, EU and Euro-Area data resources provide macroeconomic, financial, monetary and micro-social-economic data for research on pan-European topics, EU states and sub-state regions, and Europe in the global context.
• Metadata as a ‘Checklist’ for Open Data
  – Title, names of creator(s)
  – Description - ‘data abstract'
  – Source(s)
  – Creation date
  – Spatial / temporal coverage
  – Format
  – Location of data & DOI
  – Access status and embargo
  – Licence
  – Funding Statement
  – Related publications

• Open data check (metadata)
  • Data protection: For data sets where persons, households or firms are identified - it is normally not possible to publish data openly. In such instances, it may be possible (pending terms) to generate an anonymised version of the data for sharing.
  • Database copyright: Where a research dataset is derived/elaborated from pre-existing, commercially-licensed database(s), it is normally not possible to republish significant extractions due to copyright protection and contractual terms of use.
  • Contact the Library for advice
Licensing / IP / Copyright

- Assistance and 'brokering'
- Research team ↔ Library ↔ Data © owner

Preservation and Sharing
Preservation and Sharing
EUDO and EU&I

Local Test, DSpace installation 1
Data management plans

ADEMU DMP
A Dynamic Economic and Monetary Union

Plan name
ADEMU DMP

Plan ID
EU EE6

Plan number
643596--Horizon 2020

Principal Investigator
Ramón Marimon
ramon.marimon@eui.eu (+39) 055 4685 911

Plan data contact
Description

Funder
European Commission (Horizon 2020)

Welcome.
DMPonline has been developed by the Digital Curation Centre to help you write data management plans.

Screencast on how to use DMPonline

Sign in
Email address *
Password *
Forgot your password?
Remember me
Sign in
Or sign in with your institutional credentials

Sign up
New to DMPonline? Sign up today.
My plans

This table below lists the plans that you have created, and any that have been shared with you by others. These can be edited, shared, exported or deleted at any time.

<table>
<thead>
<tr>
<th>Name</th>
<th>Owner</th>
<th>Shared?</th>
<th>Last edited</th>
<th>Select an action</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADEMU DMP</td>
<td>Me</td>
<td>Yes (with 1 people)</td>
<td>25-09-2015</td>
<td>Edit Share Export Delete</td>
</tr>
</tbody>
</table>

Contact us | Terms of use | DMPreview previous version
© 2004 - 2015 Digital Curation Centre (DCC)

---

Data set description

ADEMU project partners will generate three kinds of data:

- Standard empirical macroeconomic data (20-year time-series and international comparisons).
- Project partners contributing: all partner institutions.
- Data generated by simulation: calibration and testing of theoretical and structural models for the purpose of monetary policy scenarios planning (e.g., stress testing, back testing).
- Project partners contributing: EUI, Barcelona GSE, TSE and Cambridge.
- Experimental data generated from subject response experiments (development, bounded rationality).
- Project partners contributing: EUI and Barcelona GSE.

The data will be useful to other researchers, central banking policymakers, macroeconomic policymakers, the public and the media.

The data will be the basis for published scientific findings, including open access ADEMU working papers, scholarly articles, books, chapters and reports.

Simulated data and accompanying models will provide insights into different policy scenarios. Both the data and the simulation software code will be shared to permit other scholars and policymakers to replicate, reuse and undertake new research using ADEMU data and tools.

Statistical packages to be used include: stata, Gauss, R, Matlab, python and Excel.

---

Guidance Share code

EC Guidance
4th ed. Library Research Data Guide

RESEARCH DATA GUIDE 2016
The 4th edition of the ELI Library Research Data Guide is due for publication on the 28th of October. The Guide covers research data management; terms and conditions of use; data security; dataset metadata and documentation; data repositing and open data sharing.

Open Data and Research Data Management

econlibrary@eui.eu