



## Expanding the DOI to new context of applications: Publications Office of the European Union

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 Outreach Conference

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# Background: mandate of the Publications Office

## *Article 1*

### **The Publications Office**

1. The task of the Publications Office of the European Union (hereinafter the Office), which is an interinstitutional office, shall be to publish the publications of the institutions of the European Communities and the European Union under optimum conditions.

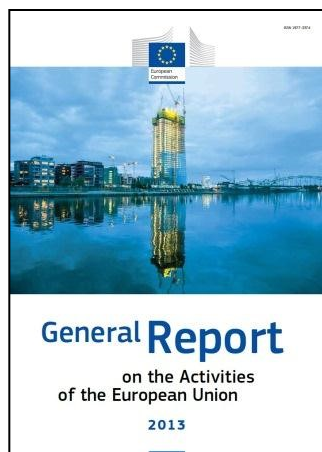
To this end it shall, firstly, enable the institutions to fulfil their obligations to publish legislative texts and, secondly, contribute to the technical formulation and implementation of information and communication policies within its areas of competence.

*Source: Decision of the European Parliament, the Council, the Commission, the Court of Justice, the Court of Auditors, the European Economic and Social Committee and the Committee of the Regions of 26 June 2009 on the organisation and operation of the Publications Office of the European Union (2009/496/EC, Euratom).*

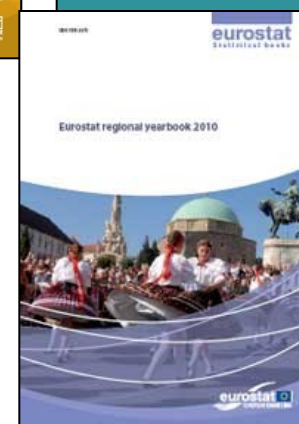
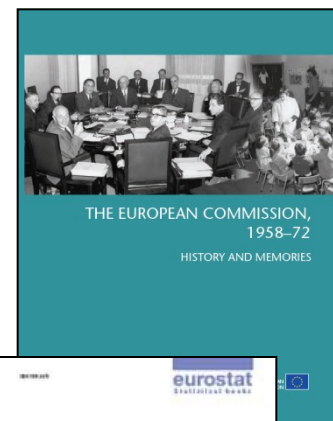
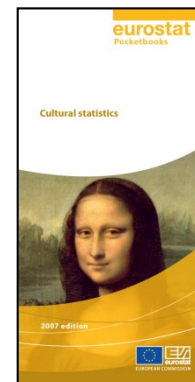
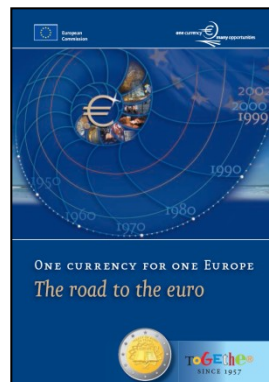


# Background: what do we publish?

## Mandatory publications



## General publications



# Background: what do we publish?

## ■ Official Journal of the European Union

- Five days a week in 24/23 languages (four editions a day on average!)
- Authentic electronic OJ, signed with e-signature
- 443 079 public procurement notices in 2013
- Consolidation of EU Law (modifications...)

## ■ General publications (in paper and/or electronic versions)

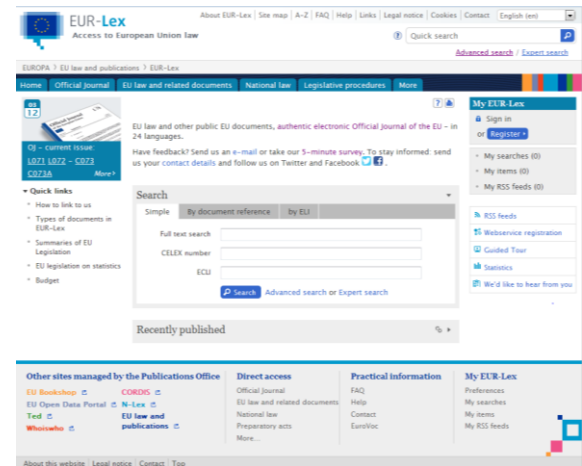
- 9 154 titles in 2013, in more than 50 possible language versions (including Arabic, Chinese, Japanese, Russian)
- Variety of formats, themes, purposes and audiences





## Access to European Union law: [eur-lex.europa.eu](http://eur-lex.europa.eu)

- Quick access to
  - The authentic electronic Official Journal
  - Legal acts and information about them, displayed in up to three languages simultaneously
  - Legislative procedures, giving a view on the life of a legal act
  - Directories of legislation and case law
- Powerful search options and easy navigation
- A personal space to save your items, searches and RSS feeds
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## All the publications you are looking for: **bookshop.europa.eu**

- Single online access to all official publications ever published by the European Union institutions, agencies and other bodies
- Digital library of EU publications dating to 1952: Now about 100 000 titles and around 190.000 corresponding electronic versions (also in PDF, eBook, DVD...)
- In 2013, 1.8 million visits, 1.1 million titles downloaded (PDFs and eBooks)
- Print-On-Demand (against payment) for out-of-stock titles



# CORDIS

## Find your way through European research: [cordis.europa.eu](http://cordis.europa.eu)

### Community Research and Development Information Service

- To facilitate participation in the activities of European research
- The results of projects funded by the EU
- Promotion of the dissemination of knowledge to reinforce the innovation capacity of enterprises
- Number of visits in 2013: 5.5 million

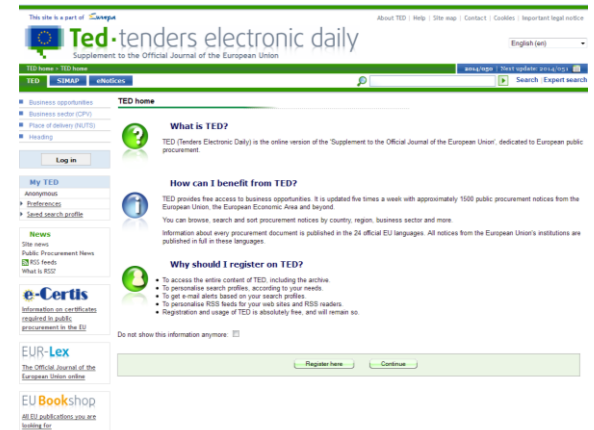






## Set your sight on business opportunities: [ted.europa.eu](http://ted.europa.eu)

- Supplement to the Official Journal (S series)
- Access to public procurement notices for public works, supplies and services - thousands of business opportunities
- In 2013 almost 13 million visits
- Calls for tenders from EU Member States, candidate countries, EEA and Switzerland
- Calls for tenders from EU institutions, agencies and other bodies



*All public administrations in Europe are obliged to publish their calls for tenders on TED (depending on threshold for contract types)*

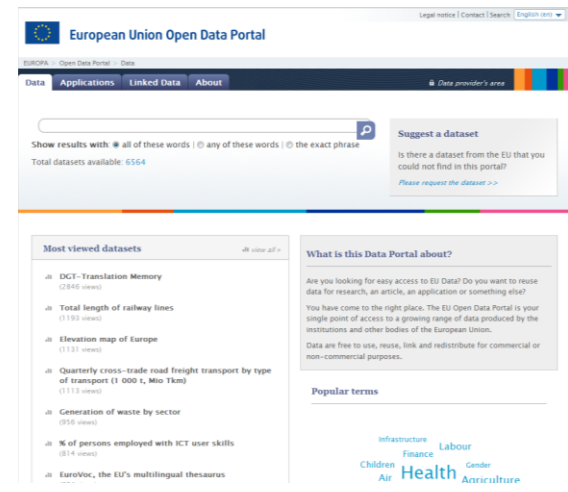




# EU Open Data Portal

## The data of the EU institutions: [open-data.europa.eu](http://open-data.europa.eu)

- The single point of access to a growing range of data held by the EU institutions, agencies and other bodies for reuse
- Anyone can easily search, access, download and reuse this data
- Data is free to use and reuse for commercial or non-commercial purpose
- To facilitate reuse, the portal also offers functionalities for linking data
- 6 500 datasets (1 March 2014)



The screenshot shows the homepage of the European Union Open Data Portal. At the top, there is a navigation bar with the EU flag and the text "European Union Open Data Portal". Below this is a search bar with a magnifying glass icon and a "Suggest a dataset" button. The search results section shows "Total datasets available: 6564". A list of "Most viewed datasets" is displayed, including "DGT- Translation Memory (2846 views)", "Total length of railway lines (1193 views)", "Elevation map of Europe (1131 views)", "Quarterly cross-trade road freight transport by type of transport (1 000 t, Mio Tkm) (1113 views)", "Generation of waste by sector (958 views)", "% of persons employed with ICT user skills (814 views)", and "EuroVoc, the EU's multilingual thesaurus". A "What is this Data Portal about?" section explains the portal's purpose and provides a link to "Popular terms" such as Infrastructure, Labour, Finance, Gender, Air, Health, and Agriculture.



# Background: our various roles

- Publisher
- Bookshop (→ EU Bookshop)
- Digital library (→ EU Bookshop)
- Access to law provider (→ EUR-Lex)
- Research & development information service (→ Cordis)
- Business opportunities provider (→ TED - tenders electronic daily)
- Data provider (→ European Union Open Data Portal)
- Publications' archive (physical and digital)
- Identifiers provider (→ ISBN, ISSN, DOI)



Background: identifiers prov



Publications Office is an

ISBN

ISSN

DOI





# DOI at the Publications Office:

- Registration Agency since 01/08/2004
- DOIs assigned to two main content streams:
  - General Publications
  - Journal Articles
- Total number of DOIs assigned to date: > 1 000 000





# DOI at the Publications Office: General Publications

- Centralised service
- Assigned to all general publications which also have an ISBN (i.e. monographs)
- Each language version/support has its own DOI
- Resolution: to the linguistic version-specific page on EU Bookshop
- Grammar used for DOI: dumb number (e.g. 10.2777/**94345** )



# DOI at the Publications Office: General Publications

<http://dx.publications.europa.eu/10.2765/18718>

**DISCOVER** THEMES AUTHORS E-BOOKS

in whole site **OK** Advanced search

**Economy - Finance** (5 094)

Economic policy - Economic and Monetary Union (1 662)

Regional policy and regional economies (1 856)


Monetary policy (377)

Financial integration - free movement of capital (79)

Banks, insurance (394)




Taxation (288)

**Publication details**



## European economic forecast Spring 2012

Renewed tensions in sovereign-debt markets, high oil prices and decelerating world output growth have all contributed to a sharp loss of confidence towards the end of 2011 and the subsequent output contraction in the EU. Strong policy actions and major advancements in the EU institutional framework have averted a far worse outcome and brought about an easing of financial market tensions as well as a stabilisation in confidence at the beginning of 2012. However, looming uncertainty about economic prospects, re-ignited stress in sovereign-bond markets and concerns about the banking sector are still weighing on economic and financial conditions, albeit with large cross-country divergences.


**Corporate author(s):** [European Commission](#), [Directorate-General for Economic and Financial Affairs](#)

**Themes:** [Economic policy - Economic and Monetary Union](#)


**Target audience:** [Specialised/Technical](#)

**Key words:** [economic indicator](#), [macroeconomics](#), [economic forecasting](#), [economic recovery](#), [economic analysis](#)


**PDF**


Details	Identifiers	Catalogue number	Price
Publication year: 2012	ISBN: 978-92-79-22818-6 ISSN: 0379-0991 DOI: 10.2765/18718	KC-AR-12-001-EN-C	Free
Available languages:	English	 <b>Download</b>	

**E-BOOK**

Details	Identifiers	Catalogue number	Price
Publication year: 2012	ISBN: 978-92-79-25728-5 DOI: 10.2765/34805	KC-AR-12-001-EN-E	Free
Available languages:	English	 <b>Download</b>	

**PAPER**

Details	Identifiers	Catalogue number	Price
Pages: 182 _ Weight: 638 g Publication year: 2012	ISBN: 978-92-79-22818-6 ISSN: 0379-0991 DOI: 10.2765/18718	KC-AR-12-001-EN-C	€ 15.00
Available languages:	English	 <b>Unavailable</b>	

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# DOI at the Publications Office: General Publications

- Advantages:
  - Assigned early in the production process
  - Authors have reliable, persistent identifier to use in mailings, communications, etc
  - Improves citation of EU output
  - Link appreciated by re-users/aggregators of our metadata







# DOI at the Publications Office: Journal Articles

- DOI recommended identifier within the open access/research field  
**OpenAIRE**

## Let us know of all publications that are linked to the EC-FP7 projects

- If you know the DOI of your publication(s) you can easily find and link to one or more FP7 projects.
- If you know that your publication has been deposited in an OA repository and still you cannot find it in OpenAIRE, find it through our DRIVER interface (indexing 5mi of OA publications) and link it to one or more FP7 projects.

- Associated repositories also recommend DOI, e.g. ZENODO

ZENODO (<http://zenodo.org/>) is a new simple and innovative service that enables researchers, scientists, EU projects and institutions to share and showcase multidisciplinary research results (data and publications) that are not part of existing institutional or subject-based repositories.

ZENODO enables researchers, scientists, EU projects and institutions to:

- easily share the long tail of small research results in a wide variety of formats including text, spreadsheets, audio, video, and images across all fields of science;
- display and curate their research results and get credited by making the research results citable and integrate them into existing reporting lines to funding agencies like the European Commission;
- easily access and reuse shared research results.

ZENODO assigns all publicly available uploads a Digital Object Identifier (DOI) to make upload easily and uniquely citeable.





# DOI at the Publications Office: Journal Articles

## Horizon 2020

### What information needs to be included with the deposited publication?

In order to ensure the acknowledgment of EU funding and maximise the discoverability of publications, you need to include bibliographic metadata as part of the publication record. It must include:

the terms [*"European Union (EU)" and "Horizon 2020"*][*"Euratom" and "Euratom research and training programme 2014-2018"*]

the name of the action, acronym and grant number

the publication date, and length of embargo period if applicable and a persistent identifier (eg a DOI)





# DOI at the Publications Office: Journal Articles

- Current focus on online journal articles
- Technical infrastructure established for interoperability with CrossRef
- Resolution: usually directly to content
- Grammar used for DOI:
  - solution adapted to individual requirements of author/journal
  - apply guidelines of CrossRef/DataCite where possible
  - examples:
    - [10.2902/1725-0463.2009.04.ART15](https://doi.org/10.2902/1725-0463.2009.04.ART15)
    - [10.2903/J.EFSA.2014.3882](https://doi.org/10.2903/J.EFSA.2014.3882)
    - [10.2807/1560-7917.ES2014.19.9.20720](https://doi.org/10.2807/1560-7917.ES2014.19.9.20720)





# DOI at the Publications Office: Journal Articles

## ■ Advantages:

- Identifies content not held by OP
- Decentralised service permitting individual author services to handle their own registrations
- Ensures integration of EU content in wider research world
- Provides access to CrossRef services through Publications Office





# DOI at the Publications Office: Possible Evolutions

- And beyond ...
  - Update of General Publications service to deliver link direct to content
  - Possibility to assign DOIs to EU datasets
    - incl. creation of links between publications and datasets
  - Integration of DOI and ISBN into a single citable identifier (ISBN-A)
  - Exploring further connections/links with ISNI, ORCID, FundRef, etc





Thank you!