

# Europeana Newspapers

## A Gateway to European Newspapers Online



**A group of 17** European public and private partner institutions have joined forces in the Europeana Newspapers project and will, over the next 3 years, provide more than 18 million digitized newspaper pages to the Europeana service.

The Europeana Newspapers project is funded under EC's CIP 2007–2013 and aims at the aggregation and refinement of digitized newspapers for The European Library and Europeana.

**The project has started on 1<sup>st</sup> February 2012.**  
**CIP-ICT-PSP-2011-5-Best Practice Network project no. 297380.**

**Each library participating in the project will distribute digitized newspapers and full-texts to Europeana.**



The Europeana Newspapers project is co-funded by the European Commission under the Competitiveness and Innovation framework Programme. This document reflects only authors' views. EC is not liable for any use that may be done of the information contained therein.

## Project Activities

### Refinement

In the Europeana Newspapers project refinement methods will be used to convert an abstract data model into implementable data structures.

The Europeana Newspaper project will use refinement methods for:

- Optical Character Recognition (OCR): electronic conversion of scanned images of handwritten, typewritten or printed text into machine-encoded text.
- Optical Layout Recognition (OLR): article segmentation
- Named Entity Recognition (NER): seeks to locate and classify atomic elements in text into predefined categories such as the names of persons, organizations, locations etc.
- Page Class Recognition

### Why use refinement methods?

These refinement methods will make the newspaper content easier to search and retrieve via the Europeana Portal. It will allow the user to find individual articles, perform subject searches and display the full text online.

### Evaluation and Quality Assessment

The Europeana Newspapers project will build upon the successful general-purpose tools implemented in the EU-funded IMPACT project (Improving Access to Text) and develop them further into an evaluation and quality assessment infrastructure.



Workshop aggregation  
& presentation

Workshop European  
newspapers & digital  
agenda for Europe

Final Press Conference

## Aggregation and presentation

The project will coordinate the aggregation and presentation of all digitized newspapers for Europeana:

- All metadata will be aligned to the Europeana Data Model (EDM)
- A full text index and newspaper content browser will be developed to improve the Europeana searching and retrieving experience.
- The digital newspaper collections will be analysed according to metadata in use, quality of digitization, accessibility and data distribution infrastructure.

## Metadata best practice recommendations

The Europeana Newspapers project will design and release a comprehensive metadata model based on de-facto standards such as METS and ALTO. Partners will disseminate the model among stakeholders in order to find a common agreement and to make it a best practice example for newspaper digitization in Europe.

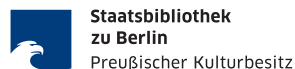
## Workshops and Events

The following workshops and events will be organised with the objective of increasing the visibility of newspaper content in Europeana by raising the standard and awareness of digitized newspapers at European level:

- Workshop on refinement
- Workshop on aggregation and presentation
- Workshop on newspapers in Europe and the digital agenda for Europe
- National Information Days (in 10 European countries)
- Final Press Conference



Partners of the project



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