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Editorial

This is the fourth issue of the ENUMERATE newsletter, containing information about the latest developments related to the project and its mission: *Developing a sound basis for digitisation statistics concerning European cultural heritage institutions.*

In this issue we are pleased to introduce our new Data Platform, where the data gathered so far through the project have been made available anonymously. The four topics which will be researched in the upcoming Thematic Survey are: size of digital collections, cost of digitization, use of digital heritage and digital preservation. The issue also contains an introduction to the work of the Cultural Heritage Monitor Flanders who is represented by Faro the Flemish Interface Centre for Cultural Heritage, and we introduce Jesús L. Dominguez from our project partner DIGIBIS, in the section *Meet the team*.

If you would like to receive more information about the project as it happens, you can visit our Twitter and LinkedIn pages.

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ENUMERATE Data Platform online – Share, reuse and reinterpret



The **ENUMERATE Data Platform** is now online at datapatform.enumerate.eu.

This is the central access point through which the results of each survey implemented in ENUMERATE will be published.

After registering at datapatform.enumerate.eu/collaborate you can access and download the full **anonymous dataset results of Core Survey 1** in SPSS or Excel format. You are all invited to reuse, reanalyse and reinterpret the results respecting the CCO 1.0 licence (Public Domain Dedication). ENUMERATE is interested in understanding how this data is being used, so please tell us about your work and work of

others using the results from the ENUMERATE Core Survey 1.

As part of the Data Platform, we have created a tool with which you can immediately compare the status of your digitisation activities with the results from Core Survey 1 in the section 'Benchmark' under datapatform.enumerate.eu/benchmark/. Here, you can fill in your institution's data to see the **comparison between your institution and other institutions** in your country or institutions of the same type.

The final report of Core Survey 1 has also been published on the ENUMERATE Data Platform, you can access this at the link below: datapatform.enumerate.eu/other-files.

The next phase...Thematic Survey

The Thematic Survey is looking at four themes:

- **Identification of Growth of Digital Collections (supply);**
- **Costs of Digital Collections (economics);**
- **Usage of Digital Collections (demand);**
- **Digital Preservation Practices (sustainability).**

In order to develop the ENUMERATE Conceptual Framework and to be able to collect valid data for the baseline on digitised cultural heritage (as reported in the Newsletter No. 3, available here www.enumerate.eu/en/newsletter/), ENUMERATE organised four Specialist Meetings with external experts to discuss the four topics of the Thematic Survey on 30th of January 2012 in The Hague, 30th of March 2012 in London, 6th of June 2012 in Madrid and 5th of October 2012 again in The Hague.

Theme 1 – Size of digital collections

This part of the Thematic Survey aims to further develop the methodology of quantifying the size and growth of digital collections through detailed analysis. 10-15 heritage institutions in approximately 7 countries will be asked to compare three ways of measuring the size of their collections:

- Measuring collection size and composition based on the records in Collection Management Systems
- Measuring the three most important digital sub-collections of institutions
- High level, estimate-based measuring, using an improved version of the questions in the ENUMERATE Core Survey

Theme 2 – Cost of digitisation

In this part of the Thematic Survey a method will be developed in order to obtain more detailed information on the cost of digitisation, this will be more specific than questions in Core Survey 1.

Theme 3 – Use of digital heritage

This theme uses two approaches, a questionnaire and an action research approach, to collect data about the use of digital heritage. 30 institutions from several EU member states will be selected as representatives of the different institution types identified in the previous ENUMERATE and NUMERIC surveys. They will be asked to participate in the refinement of the Core Survey section on use of digital heritage as well as other access related questions. In the action research approach a sample of institutions (the same or another sample) will be asked to monitor a particular stream of digital collection information. They will be asked to install web analytics software and monitor during a fixed period of time a small number of standard indicators. ENUMERATE aims to work in collaboration with partners in existing web analytics projects to achieve this.

Theme 4 – Digital Preservation

This part of the survey will monitor digital preservation policies and practice. The ENUMERATE team decided to focus on the development of a balanced set of survey questions about this issue. The approach will involve desk research, with the consultation of focus groups on the topic and with a synthesis of the outcomes. This part of the survey aims to contact other projects within this field of research and in January 2013 a focus group session will be scheduled to discuss this topic.

The results of the ENUMERATE Thematic Survey will be compared with the Numeric Final Report in order to check whether the methodology could be improved. The Thematic Survey Report will be published on the ENUMERATE Data Platform datapatform.enumerate.eu/.

Please participate in the surveys and follow the link below to register to participate in the Thematic Survey: datapatform.enumerate.eu/participate.

Enumerate All Consortium Meeting Berlin October 2012



The second meeting of the full consortium was held in Berlin at the Institute for Museum Research (SMB-PK) on 19th of October 2012. At the meeting

Panteia (data partner) presented the background of the report of the first Core Survey. Main focus of the meeting was the planning of the upcoming Thematic Survey.

Cultural Heritage Monitor Flanders (Belgium)

The Cultural Heritage Monitor Flanders is an initiative of FARO, the Flemish Interface Centre for Cultural Heritage and the Agency for Arts and Heritage. Our aim is to gather data about the activities, visitors and collections of the cultural heritage organizations in Flanders, including financial and personnel data. We only collect data of organizations that receive subsidies of the Flemish government. These are museums, (cultural) archives, heritage libraries, local and regional heritage services and other intermediary organisations.

The monitor started in 2010, and is implemented every two years. Next year 2013 we will gather data about 2012. By repeating this data gathering every two years we hope it will be possible to monitor evolutions and significant trends which are relevant for policy makers and for the organizations themselves.

Next to this the monitor also has an important function to detect problems in the performance of the sector, and that can manifest themselves through the quantitative trend analyses.

We use a modular online system to gather the data (website: www.cijferboekcultureelerfgoed.be, only in Dutch). In this system we will also develop a benchmark, so that the organizations can compare their results with other 'peer' organizations. On the long run this website will evolve into a data platform, which will also deliver data to our Flemish Statistics Agency. In this stage the website is very limited, and subsequently we do not currently publish data on it.

We also monitor the basic digitization activities. We have based our indicators on the NUMERIC/ENUMERATE questionnaire framework, but in less detail. During the first data gathering in 2010 we experienced the same problems as the NUMERIC survey: a problem with definitions and interpretations, and a difficulty in producing reliable quantitative data about the digitisation activities. We hope that for 2012 these problems will be partly resolved. But developing and maintaining a monitor is a time consuming and difficult task, because of the complicated control and validation issues.

The ENUMERATE project is a great methodological help to support us in the development of a sustainable monitor in Flanders and for digital heritage throughout Europe.

Jeroen Walterus
FARO, www.faronet.be/.

Meet the team - Jesús L. Domínguez



Jesús L. Domínguez Muriel is the Head of Software Development at DIGIBÍS, where he has directed the development of many of the biggest Spanish Digital Libraries, as well as of Hispana, the national aggregator which contributes with more than 1.700.000 digital objects to Europeana.

Jesús studied Computer Science at the Politechnic University in Madrid, and has been involved in big cultural heritage digitisation projects since 1996, when he participated in the electronic edition of the Handbook of Latin American Studies for the Library of Congress. That project required the OCR and manual correction of more than 250,000 bibliographical reference records, and included full text search capabilities in a CD-ROM which barely could store all the text and indexes needed - a first in those times.

DIGIBÍS is a Spanish company which offers digitisation services and software solutions for cultural heritage institutions, with a heavy emphasis in research, development and innovation in the domain of Digital Libraries, Archives and Museums. DIGIBÍS business mission is "to provide the tools and services needed to create digital objects harvestable by Europeana and other international projects, using the most recent standards for description and interchange". According to it the company has developed in house a big portfolio of software solutions based in Linked Open Data technologies and the OAI metadata harvesting protocol.

Role in ENUMERATE

In ENUMERATE DIGIBÍS is responsible for Work Package 3 - *Implementation*, which includes the management of two Core Surveys and the Thematic Surveys, in close collaboration with our partners in DEN, who define the methodology, and Panteia, in charge of the statistical analysis and report preparation. Jesús Domínguez has led the development of an online multilingual survey tool used for the Core Surveys, and the development of the ENUMERATE Data Platform (dataplatfom.enumerate.eu), a website where all the raw datasets, reports and digests produced by the project can be downloaded. The Data Platform includes the ENUMERATE Benchmark tool, which cultural heritage institutions can use to see how they are performing compared to other similar institutions. In collaboration with DIGIBÍS' Maribel Campillejo he is also in charge of giving technical support to the network of National Coordinators which advertise and distribute the surveys to the 29 participating countries, and coordinating the translation of the Core Surveys in 16 different languages.

Why ENUMERATE?

I am convinced that to improve something the first step is to measure it, you have to get a clear image of what you are attempting to improve. ENUMERATE will provide some very needed hard data on the status of digitisation throughout Europe, which can be used to define policies and improve the processes both at a very high, European level, and at the lowest level, providing tools to individual institutions to benchmark themselves and improve their practices.