



Grant Agreement 297292

EUROPEANA INSIDE

Summative Evaluation Report

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Author(s)	<i>Nathalie Poot (KMKG)</i>



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Statement of originality:

This deliverable contains original unpublished work except where clearly indicated otherwise. Acknowledgement of previously published material and of the work of others has been made through appropriate citation, quotation or both.

Contents

1	INTRODUCTION	4
1.1	<i>Background and role of the deliverable in the project.....</i>	4
1.2	<i>Approach</i>	5
1.3	<i>Structure of the deliverable</i>	5
2	ORGANISING CONTENT DELIVERY TO EUROPEANA.....	6
2.1	<i>Practical guidelines for publication</i>	6
2.2	<i>Content monitoring.....</i>	6
2.3	<i>Cooperation with Europeana.....</i>	6
2.4	<i>Content Partners Meeting</i>	7
3	WORKFLOW TO EUROPEANA.....	8
4	STATUS CONTENT INGESTION	10
5.	CONCLUSIONS AND NEXT STEPS	14
	APPENDIX I: PRACTICAL GUIDELINES FOR PUBLICATION ON EUROPEANA	15
	APPENDIX II: LOOK AHEAD – FORWARD PLANNING.....	16

1 Introduction

1.1 Background and role of the deliverable in the project

This report is part of Work Package 4 (WP4). This Work Package is dedicated to the **coordination of content** to Europeana: more than 960,000 records will be delivered using the Europeana Connection Kit (ECK).

This document is the second of two deliverables that present the outcomes of *Task 4.4 Evaluation of Content Strand*. Under this task ECK functionalities were implemented in the systems of the content partners (CPs) and an export of the content to Europeana was executed.

Both reports give a **summative evaluation of the content delivery process to Europeana using the ECK**. *D4.5(v1) Summative Evaluation Report* (M26 – May 2014) presented the results of the initial export. *D4.5(v2) Summative Evaluation Report* (M29 – August 2014) is an update of *D4.5(v1)* and reports on full content export from all content partners.

The two versions of *D4.5 Summative Evaluation Report* (v1 in M26 and v2 in M29) are part of the **iterative development plan**¹. According to the Description of Work (DoW), WP4 was to start in M15 (June 2013) and end in M21 (December 2013). However it quickly became clear that the development schedule of the ECK as proposed in the DoW was unrealistic and changes were required to be able to follow a more agile approach as is commonly used in software development. A new development schedule has been drafted and takes into account four iterations of the ECK. For WP4, CPs test and report on each of these iterations after their release.

WP4 is further **dependent on the outputs of WP2, WP3 and WP5** for its deliverables. The development and production of the four releases of the ECK are part of WP3 (development) and WP5 (production). The deliverables for WP4 also build on previous reports within the work package.

The development of the ECK and the evaluation of the four iterations are based on:

- *D2.1 Requirement Analysis*: explanation of all ECK requirements, based on a survey among the project partners.
- *D2.2 Use Cases*: three use case scenarios.
- *D2.3 Recommendations for Technical Standards*: research on best practice and quality instruments already in place within the Europeana project family.
- *D2.4 Functional Requirement*: there are three kind of requirements: high level requirements, workflow requirements and non-functional requirements. The workflow requirements are identified as: manage, select, prepare, validate, supply, data acceptance and enrich and return.
- *D2.5 Technical Specification*: describes the overall architecture of the ECK.
- *D3.5 Technical Integration Report*: progress report on the development of the ECK.
- *D4.2 Content Export Schedule*: presents the schedule for content delivery. It specifies the order in which participating institutions carry out the export of their data using the ECK.
- *D4.(v1) Control Export Evaluation Report*: report on the test results from iteration 1 ECK prototype.
- *D4.1 (v2) Control Export Evaluation Report*: report on the test results from iteration 2 ECK prototype.
- *D4.3 (v1) Export Evaluation Report*: report on the test results from iteration 3 ECK prototype.
- *D4.6 (v5) Technical Specification*: report on the technical specifications of the ECK.

¹ *D4.6 (v5) Technical Specification* (K-INT): appendix 1.

D4.5 (v2) Summative Evaluation Report

- *D4.4 Content Re-ingestion Report*: report on the test results of content re-ingestion as part of testing iteration 3 ECK prototype.
- *D4.5 (v1) Summative Evaluation Report*: a summative evaluation of the delivery process of content using the ECK.

The results of *D4.5(v2) Summative Evaluation Report* will be used for:

- *D4.3 (v2) Export Evaluation Report*: an update of *D4.3(v1) Export Evaluation Report*. It will report on the results of testing iteration 4 ECK, the production version.
- *D5.4 Forward plan*: a detailed plan setting out how the Europeana Inside consortium will take the ECK forward following the end of the development project.
- WP5: their object is to use the lessons learned in WP2, WP3 and WP4 to develop and launch a full production version of the ECK with accompanying support and documentation materials.

1.2 Approach

1. Organising content delivery to Europeana

- **Practical guidelines for publication** on Europeana: how will CPs deliver their content to Europeana?
- **Individual communication with CPs** to guide them through the content delivery process (email/phone/skype).
- **Content monitoring**: close follow-up of the amount of records: 1) published on Europeana, 2) in the Inside Dark Aggregator (DA) and Culture Grid (CG), 3) harvested by Europeana and 4) published on the Europeana portal.
- The content is monitored by the **content monitoring forms** that CPs complete each month and by **real time follow-up of the data in the DA and CG**.
- **Cooperation with Europeana Ingestion Team**: meeting in The Hague in M22 (January 2014): content ingestion is seen as an ongoing process.
- **Content Partners Meeting** at the 3rd Networking Event in Athens (M25 – April 2014): review of the workflow to Europeana with the new ECK functionalities.

2. Status content ingestion

- Workflow to Europeana: workflow steps for contributing content to Europeana.
- Overview content delivery: how many records are published on the Europeana platform?
- Obstacles

1.3 Structure of the deliverable

The deliverable is structured in the following way:

- Organising content delivery to Europeana
- Workflow to Europeana
- Status content ingestion
- Conclusions

Appendix I: Practical guidelines for publication on Europeana

Appendix II: Look ahead – Forward planning

2 Organising content delivery to Europeana

2.1 Practical guidelines for publication

Alongside testing and evaluating iterations 2, 3 and 4 ECK, CPs systematically supplied content to the DA and CG using new ECK tools². To guide them through the content ingestion process, CPs were given practical guidelines (via Basecamp in M22 - January 2014) (Appendix I)³.

2.2 Content monitoring

The focus of WP4 is to increase the quantity of high-quality material on the Europeana platform so that it can be made accessible to users. **More than 960,000 records** will be delivered within the Europeana Inside project using the ECK.

The full content ingestion in Europeana is taken place on a **staggered basis**. In *D4.2 Content Export Schedule* (M16 – July 2013) an ingestion plan was presented with the **overall structure** and **sequence** for **content delivery**. It specified the order in which participating institutions would carry out the export of their data using the ECK.

Content ingestion by each CP is monitored closely by WP4 lead. To make sure that content is published in time; there are three ways to follow-up content delivery:

- 1) **Monthly content monitoring forms:** completed and submitted each month by every CP in which they indicate:
 - The amount of records supplied to the DA and CG
 - Other activities in regard to content delivery
 - Possible issues
- 2) **Individual support** on content delivery (email/phone/skype)
- 3) **Real time follow-up** of the content in the DA and CG

2.3 Cooperation with Europeana

In M22 (January 2014) there was a meeting in The Hague with **Europeana** in which content ingestion for Europeana Inside was discussed. Content ingestion is seen as an ongoing process: once content - supplied by CPs to the DA or CG - is successfully validated and transformed into EDM, harvest instructions are sent to Europeana (by WP4 lead for content from the DA and by the project coordinator for content from CG). After ingestion, Europeana provides feedback on the harvested collections. If corrections are needed, CPs are informed and asked to alter their LIDO and to re-supply to the DA or CG. Europeana then re-harvests.

While harvest instructions are sent as soon as data is ready in the aggregator, Europeana ingests and publishes once a month. All content needs to be harvested by Europeana before the 21th of each month for the content to be published the following month (e.g content ingested on the 21th of May, was published in mid-June).

² The results from testing iteration 1, iteration 2, iteration 3 and iteration 4 ECK are presented in *D4.1(v1) Control Export Evaluation Report* (M16), *D4.1(v2) Control Export Evaluation Report* (M20), *D4.3 (v1) Export Evaluation Report* (M26), *D4.4 Content Re-Ingestion Report* (M26) and *D4.3 (v2) Export Evaluation Report* (M29).

³ The content delivery steps correspond with the illustrative workflow described in *D4.6 Technical Specification* (K-INT): 10-11.

2.4 Content Partners Meeting

At the 3rd Networking Event in Athens (M25 – April 2014) a **Content Partners Meeting** was held to discuss the workflow to Europeana using ECK functionalities. CPs said, that after testing iterations 1 and 2 and with the start of testing iteration 3, to be overall satisfied with what has been developed and implemented in their system. They agreed that it is possible to speak of a (partly) automated process to deliver data to Europeana⁴. An overview of the strengths and weaknesses of the ECK is given in *D4.3(v2) Export Evaluation Report (M29 – August 2014)* that presents the test results of the final iteration, iteration 4 – production.

⁴ The results from testing iteration 1, iteration 2 and iteration 3 ECK are presented in *D4.1(v1) Control Export Evaluation Report (M16)*, *D4.1(v2) Control Export Evaluation Report (M20)*, *D4.3 (v11) Export Evaluation Report (M26)* and *D4.4 Content Re-Ingestion Report (M26)*.

3 Workflow to Europeana

All CPs are following the same workflow to deliver their content to Europeana using ECK functionalities:

Step 1: Manage

ECK functionalities of data management and user management give CPs the opportunity to follow up on the exported content (e.g. which records have been exported, which records were altered when and by whom,...).

Step 2: Select

CPs make a selection in their system of the records they wish to publish. ECK functionalities provide flexibility in the selection of the records (selection of multiple records, selection based on specific values in a variety of fields, saved queries,...).

Step 3: Prepare

To supply content to the DA or CG the selected records need to be exported in a valid LIDO xml or EDM. CPs prepare their content for export. The new ECK functionalities give flexibility in the choosing of the fields (e.g. mapping can be edited, mappings can be saved for repeated use, the system reports on problems when applying the mapping,...).

Step 4: Validate

Before CPs supply their data to the DA or CG, ECK functionalities make it possible to validate their LIDO xml in their own system. If the LIDO xml is not well formed their system will report on irregularities (e.g. if mandatory LIDO fields are missing). Based on the feedback, CPs correct the invalid LIDO records in their system and re-export.

Step 5: Supply

To supply content, CPs either use the **Inside Dark Aggregator (DA)** or **Culture Grid (CG)**. The Inside Dark Aggregator is developed for this project by K-INT to ensure that every CP had an aggregator to deliver their content.

CPs supply their data to the DA or CG by either OAI-PMH or push (SWORD):

- Via OAI-PMH: CPs (or their TP) send the details of their OAI-PMH repository (URL, set name, metadata prefix) in order for the content to be harvested from their repository.
- Via push (SWORD): CPs supply their content directly to the DA or CG and inform WP4 afterwards that content is made available.

Content provider	Aggregator and method
KADOC KU Leuven (BE)	Dark Aggregator - push (SWORD)
Collections Trust - CT (UK)	CultureGrid - OAI-PMH
Stiftelsen Lansmuseet Vasternorrland - SLV (SE)	Dark Aggregator - OAI-PMH
Município do Seixal - SEI (PT)	Dark Aggregator - OAI-PMH
Xantys Limited / House of Images - HIM (UK)	CultureGrid - OAI-PMH
Magyar Nemzeti Múzeum - MNM/HNM (HU)	Dark Aggregator - push (SWORD)
Benaki Museum - BEN (GR)	Dark Aggregator - push (SWORD)

National Gallery-Alexandros Soutzos Museum - NAG (GR)	Dark Aggregator - push (SWORD)
Stiftung Preussischer Kulturbesitz - SPK (DE)	Dark Aggregator – manual upload ⁵
Institut Royal des Sciences Naturelles de Belgique - RBINS (BE)	Dark Aggregator - push (SWORD)
Szepmuveszeti Muzeum - FAB (HU)	Dark Aggregator - push (SWORD)
Royal Museums of Art and History - KMKG (BE)	Dark Aggregator - push (SWORD)
Petofi Irodalmi Muzeum - PIM (HU)	Dark Aggregator - push (SWORD)

Table 1: Overview aggregator and method of data supply

The validation and transformation modules are part of the DA and CG: records that are successfully validated are transformed to EDM.

In the DA, the content is also checked by WP4 who informs the CPs if corrections are needed (quality of the metadata e.g. if there are odd signs in the fields, like # , if content is repeated in multiple fields,....).

The DA and CG support incremental harvesting. If corrections are needed in records that are already in one of the two aggregators, then CPs only need to supply the adjusted LIDO records again.

Step 6: Data acceptance

Once all records are valid in the DA and CG, harvest instructions are sent to Europeana (URL of the OAI-PMH repository). Based on the feedback given by Europeana, CPs are informed that either their content was successfully ingested or that corrections to their data are needed.

In case adjustments are needed: CPs correct their data and re-supply to the DA or CG. When successfully validated, Europeana is informed that the content is ready to be re-harvested.

Once the content is published on Europeana (usually about four weeks after ingestion), CPs are asked to check their published records to see whether they are satisfied with the result. If not, comments are sent back to Europeana.

Four of the original functional requirements that resort under 'data acceptance' are not present in the CMS of the CP, because they depend on Europeana services⁶.

- *WFR.06.02 - Withdraw records: The system can withdraw earlier delivered records instantly from Europeana by instructions of the involved CP.*
- *WFR.06.03 - Update published records: The system can keep the data that is already in Europeana-up-to-date.*
- *WFR.06.04 - Publication indication: The system gives an indication about the processing steps and scheduling in Europeana.*
- *WFR.06.05 - Automatic publication alert: The CP is informed about publication of the data on the target website (Europeana or aggregator).*

However, WFR.06.02 (withdraw records) and WFR.06.03 (update published records) are present in the DA and CG. WFR.06.04 (Publication indication) and WFR.06.05 (Automatic publication alert) are done manually.

⁵ Push (SWORD) was implemented. However, IT restrictions prevented from connecting to the DA. The "PUSH" resulted in a local export of the record batch.

⁶ See *D2.4 Functional Requirement and D4.6 Technical Specification* for an overview of all requirements and their development.

4 Status content ingestion

One of the main objectives of Europeana Inside was to open up a significant critical-mass of new digital cultural content from European cultural institutions for delivery through Europeana. From October 2013 until September 2014 **more than eighteen institutions** have made their collections accessible for a wider audience. A rich variety of objects have been ingested and published on Europeana:

- Greek and Foreign Fine Art (Paintings, Prints, Drawings and Sculpture), and Photographic Archives (National Gallery-Alexandros Soutzos Museum - NAG (GR))
- Photographic Archives, Neohellenic Architecture Archives, The Nikos Hatzikyriakos-Ghika Gallery collection of paintings (Benaki Museum - BEN (GR))
- Egyptian Art, Classical Antiquities, Old Master Paintings, Sculpture, Prints and Drawings, Department of Art after 1800 (Szepmuveszeti Muzeum - FAB (HU))
- Photographic collections, Iconographic collections and Objects (Município do Seixal - SEI (PT))
- Cultural History Objects; musical notes (handwritten); scientific reports and papers (archaeology and ethnography); printed articles (cultural history) (Stiftelsen Lansmuseet Vasternorrland - SLV (SE))
- Collection of Social History Images from several UK cultural organisations and regional areas (Cumbria, Bury Archives, Manchester Regiment, Frodsham, Halton, New Mills, Cheshire, North Lincolnshire, Beaford, Walsall) (Xantys Limited / House of Images - HIM (UK))
- Collections of the Imperial War Museum, Royal Museums of Greenwich, the London Transport Museum (Collections Trust - CT (UK))
- Decorative arts, lace, costume and accessories, tapestry, Japanese prints (Royal Museums of Art and History - KMKG (BE))
- Christian history and heritage in Belgium (KADOC KU Leuven (BE))
- Data sets from the Ethnologisches Museum, Staatliche Museen zu Berlin. The Ethnologisches Museum (Ethnological Museum) in Berlin is, digitally, the most productive of the Staatliche Museen zu Berlin presenting over 58.000 objects online. Through the Europeana Inside project the museum has provided over 10.500 digital objects to be delivered to Europeana. The selection of metadata records give an accurate overview of the diversity of the collection in the museum. The collection comprises outstanding examples of material and immaterial goods that were created outside of Europe and brought to Berlin in the 19th and early 20th centuries from following geographical regions: Africa, Asia, America, Australia and the South Seas (Stiftung Preussischer Kulturbesitz – SPK (DE)).
- Photos, Postcards fauna, posters from exhibitions IRScNB, ethnographic photos... Institut Royal des Sciences Naturelles de Belgique - RBINS (BE)
- Selection from the Archaeological Department, the Historical Repository, Historical Photo Collection, Hungarian Historical Gallery and the Coins Collection (Magyar Nemzeti Múzeum - MNM/HNM (HU))
- Art and Relics Collection, Library collection and Manuscript collection (Petöfi Irodalmi Múzeum - PIM (HU))
- Collections from Dr. Kovacs Pal County Library (HU)
- Collections from Galerija Božidar Jakac (SL)

Status content ingestion and publication

Remarks:

- **Green:** CPs that have delivered all their content (DoW)
- **Purple:** Associate CPs
- **Blue:** Additional content not mentioned in the DoW. Those CPs delivered more content than foreseen.

Content provider	DoW	On Europeana in August 2014	Ingested by Europeana in August (publication in September 2014)	Remaining content to be ingested by Europeana in September (publication in October 2014)
KADOC KU Leuven (BE)	10000	6476	3524	0
Collections Trust - CT (UK)	590000	100349	36123	453528
Stiftelsen Lansmuseet Vasternorrland - SLV (SE)	130030	157486	0	0
Município do Seixal - SEI (PT)	17000	12149	4864	0
Xantys Limited / House of Images - HIM (UK)	100000	19727	87864	0
Magyar Nemzeti Múzeum - MNM/HNM (HU)	30000	30087	0	0
Szepmuveszeti Muzeum - FAB (HU)	8000	8038	0	0
Benaki Museum - BEN (GR)	13000	13018	0	0
Stiftung Preussischer Kulturbesitz - SPK (DE)	10000	10760	0	0
Institut Royal des Sciences Naturelles de Belgique - RBINS (BE)	3000	3082	0	0
Royal Museums of Art and History - KMKG (BE)	30000	21763	7749	488
National Gallery-Alexandros Soutzos Museum - NAG (GR)	9000	9042	446	0
Petöfi Irodalmi Muzeum - PIM (HU)	10000	10000	0	0

Dr. Kovacs Pal County Library – KMKK (HU) - associate partner	0	41470	0	0
Galerija Božidar Jakac – GBJ (SL) – associate partner	0	203	0	0
TOTAL	960030	443650	139404	454016

Table 2: Overview content Europeana Inside

Content provider	Additional records
Stiftelsen Lansmuseet Vasternorrland - SLV (SE)	27452
Município do Seixal - SEI (PT)	13
Xantys Limited / House of Images - HIM (UK)	7591
Magyar Nemzeti Múzeum - MNM/HNM (HU)	87
Szepmuveszeti Muzeum - FAB (HU)	38
Benaki Museum - BEN (GR)	18
Stiftung Preussischer Kulturbesitz - SPK (DE)	760
Institut Royal des Sciences Naturelles de Belgique - RBINS (BE)	82
National Gallery-Alexandros Soutzos Museum - NAG (GR)	488
Dr. Kovacs Pal County Library – KMKK (HU) - associate partner	41470
Galerija Božidar Jakac – GBJ (SL) – associate partner	203
TOTAL	78202

Table 3: Overview content not foreseen in the DoW

Conclusions

- **443,650** new records are published on Europeana in **August 2014 (M29)** and **139,404** records have been successfully harvested by Europeana and will be published in **September 2014 (M30)**.
- **Eleven** of the thirteen CPs in Europeana Inside have published **all their content** on Europeana or it will be published in September 2014.
- **Nine** of the thirteen CPs in Europeana Inside delivered **more content** than originally foreseen in the DoW.
- **Two** CPs still need to deliver content: **Collections Trust (CT) (453,528 records)** and **Royal Museums of Art and History (KMKK) (488 records)**. In total **454,016** records. Both CPs are aiming to deliver their content in September 2014 (M30), in order for it to be published on Europeana in October 2014 (M31).
- **Two associate content partners:** Dr. Kovacs Pal County Library (KMKK) (HU) and Galerija Božidar Jakac (GBJ) (SL) contributed additional records to Europeana. They were guided by their TP (resp. Monguz and Semantica) and used the DA to deliver their content.

- While most CPs have contributed all their content (and more), some of them are planning to publish more data via the same route in September 2014 and after the project (Appendix II)⁷.
- In total (published records/to be published in September and the remaining content that needs to be ingested) **1,038,198 records** will eventually be published within Europeana Inside.

Obstacles

To contribute 960,000 new records to Europeana using the ECK, there were obstacles that needed to be overcome:

1. Delay in publication on Europeana

There was a delay in the July publication. Content ingested in June went live the first week of August instead of mid-July and the August publication was cancelled. Consequently content that was foreseen to be published in July was published a month later and no new records appeared on the Europeana portal in August. The next publication is planned for September 2014.

2. Content delivery

Two CPs did not deliver their content in time for it to be published on Europeana in September 2014 (M30): Collections Trust (CT) (UK) and the Royal Museums of Art and History (KMKG) (BE), resp. 453,528 and 488 records.

- Both CPs are aiming to have the content ready in September 2014, so it will be published on Europeana in October 2014.

3. LIDO – EDM / Validation

In course of the ingestion process some minor adjustments related to the LIDO-EDM mapping and the validation modules were made, to guarantee that when records are successfully validated by the validation module, the data would also pass validation by Europeana.

4. Identifiers

Currently the identifiers in LIDO are all mapped to dc:identifier and published on Europeana. For CPs there is no need for all the identifiers to be displayed. The publication of the identifiers is however needed for content re-ingestion.

The structure of PIDs was defined within Europeana Inside as: “creation of PIDs based on institution URL (or some other identifier if no URL is available), record type and record accession number (or other suitable local identifier), combining these into a PID”. However, once published on the Europeana portal, Europeana forms it into a clickable link that leads to nowhere.

- There is no apparent solution for this problem. It is still being looked at. A possible solution could be that the PID would be mapped to another field that is not displayed in the portal, but is returned by the API.

⁷ CPs will continue be able to supply new data and to update their records via the same route. This will be described in *D5.6 Forward plan* (M30 – September 2014).

5. Conclusions and next steps

This deliverable presents a **summative evaluation of the content delivery process to Europeana using the ECK**. It is an update of *D4.5(v1) Summative Evaluation Report* (M26 – May 2014) and reports on the full content export from all content partners using the ECK. **More than 960,000 records** needed to be delivered.

The goal of the ECK is to simplify and automate the process of contributing content to Europeana. The ECK services were developed and implemented by the technical team in the systems of the CPs and all belong to the workflow steps of Europeana: manage, select, prepare, validate, supply, data acceptance and enrich and return. At the Content Partners meeting in Athens, CPs stated that they were overall satisfied with the new functionalities that they had tested as part of iterations 1 and 2. With the start of testing iteration 3, CPs agreed that it is possible to speak of a **(partly) automated process to deliver data to Europeana**.

Europeana Inside succeeded in publishing new digital data on Europeana from more than eighteen cultural institutions. All partners used ECK functionalities. Currently (M29 – August 2014) **443,650** new records are published on Europeana and **139,404** records will appear on the portal next month (M30 – September 2014). Some content partners delivered even **more data** than agreed upon in the DoW and are planning to publish more records via the same route in September 2014 and after the project. Aside from the CPs within the consortium, **two associate content partners** from Hungary and Slovenia made their collections accessible for a wider audience via the same route.

The two content partners that still need to deliver part of their content: **Collections Trust (CT) (UK)** and the **Royal Museums of Art and History (KMKG) (BE)** are aiming to reach their content target in September 2014. Once they have delivered their content, resp. **453,528** and **488 records**, a total of **1,038,198 records** will be published on Europeana within the framework of Europeana Inside.

APPENDIX I: Practical guidelines for publication on Europeana

For successful content delivery, CPs were asked to:

- 1) Export the records from your CMS into a valid LIDO xml
- 2) Check your LIDO xml before you make your data available to the (dark) aggregator. If records are invalid, correct them with help from your technical partner. This will avoid a re-upload in the (dark) aggregator.
- 3) Make your data available to the (dark) aggregator: you have received a login and a username from Phill Purdy to upload (web form), harvest (OAI-PMH) or push (SWORD) your records in the aggregator (DA or CG). If this is not the case (for example for associate testing partners), please contact Phill Purdy (phill@collectionstrust.org.uk).

(please note that: upload by web form is only available as a temporary work around to enable WP4 targets to be met. By iteration 3 all technical partners should have implemented either data push (via SWORD) or OAI-PMH to meet the functional requirements of the ECK).

- 4) Make your data available to the (dark) aggregator.
- 5) Contact Phill Purdy (phill@collectionstrust.org.uk) and me (n.poot@kmsg-mrah.be) when your records are successfully in the (dark) aggregator so we can monitor them.
- 6) Once your data is processed, the following status of your records will be given: it will be marked how many records:
 - Failed validation (are invalid)
 - Have been processed successfully and were transformed to EDM (are valid)
- 7) Invalid records need to be adjusted. You will need to go back to your CMS, adjust the mapping and re-upload the records in the (dark) aggregator.
- 8) Once your records are successfully transformed into EDM, they will be harvested by Europeana.

For the amount of records you need to deliver and the deadline: please respect the ingestion plan (see deliverable D4.2 Content Export Schedule, appendix II).

- I will contact each content partner individually to follow-up on the amount of content that needs to be in the aggregator at the indicated time.

APPENDIX II: Look ahead – Forward planning

Dear content partners,

I'm happy to announce that nearly all content partners have published **all their data** on the **Europeana portal**. Many thanks for all your efforts in getting the content published in time!

At the moment you are all still occupied with testing the final phase, **iteration 4 ECK production**. I'm curious to learn about your experiences and see whether after 4 iterations, you are able to export and contribute more easily content to Europeana.

As EUInside is reaching its final phase, it is also time to look ahead.

Last week, a **Technical Partner Meeting** was held in Toulouse to discuss the **sustainability of the project** (the conclusions will be part of *D5.4 Forward Plan* – due in September 2014, led by CT and DEN).

The technical infrastructure that has been developed within EUInside will be centralized and maintained. Content partners that are using the Dark Aggregator will be able to continue to deliver new content or update records already delivered for EUInside via the same route.

As mentioned earlier, there will be a **one day launch event** (presumably the 17th or 18th of September) that will include a series of trainings and a moment to celebrate the successful conclusion of the project.

If you have any comments, wishes or questions please let me know via Basecamp or email (n.poot@kmsg-mrah.be).

Many thanks!

All best,
Nathalie