



EUROPEAN COMMISSION

Directorate-General for Communications Networks, Content and Technology

G2 Data
Applications & Creativity

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Professor Sarah WHATLEY
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**Subject: EUROPEANA SPACE: Grant agreement Number
CIP-2013- 621037 – Final Technical Review Report**

Dear Ms Whatley,

Attached you will find for your information and distribution to your partners the consolidated review report of the final technical review as established by the outside experts after the technical review held in Brussels on 17th March 2017.

The Commission endorses the conclusions reached by the reviewers and would like to draw your attention to the list of 4 recommendations specifically described in paragraph b "**Overall Recommendations**" of the section 1 "**Overall Assessment**".

Please could you take note that all the deliverables submitted during the final period of the project are approved.

According to Article II.29.5 of the Annex II of the grant agreement, you may make observations on the result of the review of your project within one month of reception of this letter.

I remain at your disposal for any questions you may have.

Yours sincerely,


Marcel Watelet
Project Officer

Encl.: Final technical review report.

TECHNICAL REVIEW REPORT



Grant Agreement number: 621037

Project Acronym: Europeana Space

Pilot A Pilot B Thematic Network Best Practice Network

Project start date: 01-02-2014

Project duration: 01-02-2017

Period covered by the report, from 1 February 2016 – 31 January 2017

Date of review meeting (if applicable):

Name(s) of expert(s):

- Pirjo HAMARI

- May LIEM

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Individual report

Consolidated report

If consolidated, name of expert drafting the consolidated report: May Liem

1. OVERALL ASSESSMENT

a. Executive summary

Comments, in particular highlighting the project progress towards achieving its objectives and reaching its impact:

This is the Europeana space project’s final review meeting. The recommendations from the previous review have been well looked at, despite the relatively short last period of the project. The multilingual related issues are implemented and the integration of the pilots are successful. The documenting of the process of the content access gained/reached interesting results that are related to the amount of content use from the Europeana Library and that from other sources.

The presentations at meeting are good and informative and evidence that all objectives have been met to a high standard, showing the with excellent results.

1. On the technical level, the E-space platform has resulted to a stable functionality in the Technical-, Content and Innovation space, with useful tools and services, which are convincingly demonstrated through the 6 pilots.
2. The set of IPR guidelines and rules for content access are concise and very clearly presented. These set of rules and guidelines are vital in the process of cultural content access onto content clearance for use and reuse. These rules will improve the users’ confidence and will increase an interest for cultural content access, in particular to that of the Europeana Library. The pilots have documented the full process of content access and use. These results show that users indeed consider Europeana content a genuine and stable content source, and prefer it above other sources.
3. From the pilot results with implementations at TV/broadcasting, Open Hybrid Publishing, Dance Performing arts, Photography and Museum, it is significant to see the interest for use/reuse of cultural content. The Popup museum shows interesting results and could be potential for future implementation in Education, however due to the implementation in a late stage of the project, this cannot be further confirmed. The Massive open online Course –MooC is potential for educational application.

Across the pilots there is a cross fertilization of skills appearing, which may lead to future collaboration in the implementation of advanced VR technology and Augmented reality, to further endorse innovation.

The consortium is showing a good collaboration among the partners and may consider to continue new efforts to further develop the E-Space usage. The partners are encouraged to set editorial rules in the use of the platform, but more importantly secure the legal status of the platform to further endorse the sustainability.

The results of E- space platform, in the technical, content and innovation space, has attracted a vast network of stakeholders. Beside a general understanding for the availability of genuine and reliable European cultural content such as in the Europeana library, it has endorsed the use and reuse of it through the created mature infrastructure. This may open new opportunities for collaboration in the volatile creative industry environment.

There is good potential for sustainability for the E-space platform and services, once the platform gets a formal legal status with clear editorial rules, so that it can engage to commercial activities. The methodology for use and reuse along with the tools, will be potential for content services in the various application fields.

XX Excellent progress (the project has fully achieved its objectives and goals for the period and has even exceeded expectations).

Good progress (the project has achieved most of its objectives and goals for the period with relatively minor deviations).

Acceptable progress (the project has achieved some of its objectives; however, corrective action will be required).

Unsatisfactory progress (the project has failed to achieve critical objectives and/or is not at all on schedule).

b. Overall recommendations (e.g. corrective actions at Work Package level, or re-tuning the objectives to optimise the impact or keep up with the developments in relevant policies, or on best use of resources).

1. There is good collaboration seen among the partners throughout the project duration, which make new efforts to further develop the E-Space usage very likely. The partners are encouraged to define the responsibility on the monitoring of the portal, especially during the period of 18M which is the initial duration of the MoUnderstanding. Thereafter to consider seriously to review or consolidate the MoU when that period expires.

2. The partners, in particular the technical partners, are encouraged to secure the legal status of the platform and to confirm ethical editorial rules to the use of the platform, such to further enhance the sustainability of the platform.

3. Encourage the SMEs involved in the product development, to exploit new technologies like AR and to develop the appropriate partnerships.

4. The partners are also encouraged to facilitate the discovery of assets created as much as possible.

OBJECTIVES, QUALITY and PROGRESS OF WORK

- a. Have the objectives for the period been achieved? In particular, has the project as a whole been making satisfactory progress in relation to the Description of Work (Annex I to the grant agreement)?

Comments – in particular highlight any outstanding achievements

The project objectives have been met with excellent results of high standard. All deliverables are submitted and approved.

Additional tasks have been finished. The proposed 3 educational trials grew to 5, the Massive Open Online Courses – MooCs- include multilingual versions and can be further applied in education. The new “superpilot” Pop-up museum is a tool that could be promising, especially in Education. Since it was completed at a late stage in the project, it is difficult to confirm that.

The sustainability includes a Memorandum of Understanding defined among the partners for the initial duration of 18 M, to be reviewed after that.

There are prototypes for remixing content developed, but the project has not intended to produce these for market, although they have potential as viable products.

The project results have developed a very useful IPR Guidance for cultural industries.

The E-space portal is potential with a strong resource, but the overall editing responsibility requires confirmation.

The produced resources include booklets, books, handbooks, how-to guides.

The Stakeholder network is convincingly consolidated, which is a positive aspect in this Best Practice Network.

- b. Has each work package (WP) been making satisfactory progress in relation to the Description of Work (Annex I to the grant agreement)?

Comments on the quality of work per work package

WP2 TECHNICAL SPACE: INFRASTRUCTURE AND TOOLS FOR CONTENT ACCESS

The Technical Platform has in the end developed from an internal platform on to the E-space portal with a public service. Information for this development is obtained through the hackathon needs, creating new features, that changes user experience to an iterative development. The project has managed to reuse in total 400.000 items, and a majority of the reused content within the project comes from Europeana.

The plans for monitoring of future content are insufficient and require better attention to the procedure in cases of unethical or unclassified content.

WP3 CONTENT SPACE: RIGHTS MANAGEMENT FOR CREATIVE EXPLOITATION OF EUROPEANA CONTENT

IP rules and guidelines advice are provided in the incubation project processes.

More good tools are added to the already available ones. 500 new items have been added to Europeana, which meets the expectations.

WP4 EUROPEANA SPACE SCENARIOS: DEVELOPMENT OF PILOTS IN THE SIX THEMATIC AREAS

Pilots were not to produce commercial products, however, the new cross-pilot MuPoP has addressed this. MuPoP is now implemented in cross-pilot working groups. The question remains what the TRL of this is at present. The cost reallocation that was required to achieve the task has been well executed. The pilot is planned to be sustained by the SME partner Noterik; although the product is available in OpenAccess version, further services will be provided for implementation by the partner. A Fashion exhibition in Leuven is already implemented.

WP5 INNOVATION SPACE: VALORISATION AND EXPLOITATION IN THE CREATIVE INDUSTRIES

The innovation space hackathons are taken successfully to the end. The business modelling workshops gathered 7 teams for incubation, with a 3 month incubation period towards markets. Some had potential, but were just shortly analysed. A real business view among the selected projects was not always visible. The term Hackaton may need reconsideration to avoid misinterpretation by the public.

The MooC showed 100 participants and will run another 5 times.

WP6 COMMUNICATION, DISSEMINATION AND SUSTAINABILITY

The EU-Space project has established a Sustainability Task Force that discussed strategies and plans on a regular basis and developed a roadmap for sustaining E-Space outcomes, best-practices, and networks. Each partner has extensively identified exploitation areas and possibilities. A Memorandum of Understanding is ratified among most of the partners and a number of stakeholder participants. It is foreseen for a period of 18M to be reviewed thereafter, taken into consideration the new circumstances.

- c. Have planned milestones and deliverables been achieved for the reporting period?

Overall comments with a focus on milestones – detailed comments per deliverable are annexed to this review report (if evidence of plagiarism is identified it should be mentioned here and described in more detail in the annexed deliverable table)

The project has achieved the milestones and has exceeded the results as in the DoW. All deliverables are approved.

D5.2. investigates how the planning, strategizing and execution of these six hackathons within the Europeana Space project grew.

D5.3. reports on the work done by WP5 as the Business Modelling Workshops that served as the middle tier in the WP5 three-tier process. The objective of this tiered process was to ensure that the project had the highest chance of achieving its goals of incubating six market-ready products. The Business Modelling Workshops is key for ensuring that the re-use products created during the project have the strongest potential for generating financial gains.

D. 5.5 reports on the business Incubation support process. This was the final step within the WP5 workflow and reports on the opportunity for the best placed teams, identified during Business Modelling Workshops. Lessons are learned during this period of incubated support and a series of recommendations are made for future projects with similar objectives, including the option of providing financial support to teams during this period.

D 5.6 provides a Best practice and demonstration of innovative access to content for education. Five project partners developed an educational demonstrator –showcasing what a potential heritage-inspired digital tool to be used in education, could look like. The deliverable provides results as best practice examples that may become exemplary or used as a model for other GLAMs or other parties interested in making the bridge between digital heritage and education.

D6.4

The report explained on the complexity of the process, for which it had undergone many changes. The different timing of the activities and the information needed not being available at the same time such as Pilot prototypes available, the implementation of the respective Spaces and finally the implementation through the many project events and the Hackatons, Pilot evaluation testing and ultimately an educational workshop, that collected the clear results on the work.

The dissemination activities were extensive and feedback collected from the various sources collected, proved useful.

The report elaborates at length on the various successful communication and networking events and conferences the project has organized.

The E-space website is good and provides detailed information on the various fields of implementation. This will communicate to the wider public the potential of the platform, the significance of use and re-use of Cultural heritage content in the various applications.

D 6.6 reports on the activity and effort that during the lifetime of the Europeana Space project, the consortium members fostered a dynamic exchange with Europeana and the Europeana Foundation.

A large network of stakeholders is reached and the information gathered on the feedback and on the business incubators. The unexpected Popup Museum results dissemination has attracted the unprecedented attention in the field of Education and the Museums.

A table of potential services and products is presented, also the potential collaboration among the various skills and capacities.

There is certainly potential sustainability for the E-space platform and services, when the platform will get a formal status with clear editorial rules. It is advised that

D 1.3. presents the final overview of the project throughout, the approach of the management and procedures the team had adhered to. It is clear that this is carried out with much dedication.

- d. Are the objectives for the coming period(s) i) still relevant and ii) still achievable within the time and resources available to the project? Note that both aspects (i) and (ii) have to be covered in the comments.

Comments

The project has finished. A Memorandum of Understanding is signed among the partners, with the commitment to review conditions after 18 months, taking into account the vast changes in the creative industries. This is a wise approach.



- a. To the best of your estimate, have resources used, i.e. personnel resources and other major cost items, been (i) utilised for achieving the progress, (ii) in a manner consistent with the principle of economy, efficiency and effectiveness¹. Note that both aspects (i) and (ii) have to be covered in the comments. The resources should be examined at the level of work packages and at the level of participants.

Comments

A budget re-distribution (WP4) is reported among the partners in this final period. This was in order to achieve the necessary progress, which finally resulted positively.

- b. If applicable, please comment on large deviations with respect to the planned resources.

Comments

NA

¹ "The requirements of sound financial management, in particular regarding economy and efficiency refer to the standard of "good housekeeping" in spending public money. Economy can be understood as minimising the costs of resources used for an activity (input), having regard to the appropriate quality and can be linked to efficiency, which is the relationship between the outputs, in terms of resources used to produce them." Guide to Financial Issues, Article II.20(1).

- c. Do you identify evidence of underperforming beneficiaries, lack of commitment/performance or change of interest of any beneficiaries? Do you identify any beneficiaries with no visible contribution to the project in the examined period?

Comments

None visible.

4. MANAGEMENT and COLLABORATION

- a. Has the project management been performed as required?

Comments

The project management has been very well performed. A consortium of 29 partners with a diversity of disciplines and interest and reaching these positive results, could only be achieved through the support and coordination of an excellent project manager, project coordinator and technical project coordinator.

The project manager is endorsed for future European project management.

- b. Has the collaboration between the beneficiaries been effective?

Comments

There is an effective collaboration visible. Partners have formed alliances, and created a strong network of stakeholders.

5. POLICY SUPPORT and BROADER IMPACT

- a. Will the project have an impact on the implementation of the policies it supports?

Comments on the usefulness/sustainability/scalability/accessibility/usability of the results of the project (results can be for example services, content, specifications, reference implementations, source code, etc.).

The understanding for the cultural content use and re use from the Europeana Library have been endorsed specially among the participants to the Hackatons and the Incubation projects.

- b. Are the plans for the use and exploitation of results appropriate?

Comments on the plans of use of results of the consortium as a whole and for individual beneficiaries or groups, if applicable also outside of the consortium

The collaboration among the partners has resulted in new alliances and applications in their individual enterprises. The implementation in Education is seen across the various applications.

There may be a horizontal as well as vertical effect expected to the beneficiaries and their related groups in enterprise and education.

- c. Have the beneficiaries disseminated project results and information adequately

Comments on dissemination and exploitation activities

There have been vast dissemination activities performed, conferences organized. In particular the MooC have proved successful and may have a further use in education.

The technical tools and services are mature for further exploitation, so is the E-Space platform functionality.

- d. Are potential users and other stakeholders (also outside the consortium) suitably involved (if applicable)?

Comments

The Hackatons and Incubation projects have attracted participants from Europe and outside. Results and lessons learned from the business modelling workshops and the incubation projects will be followed up.

- e. Is the consortium interacting in a satisfactory manner with other related programmes projects or other relevant national/international programmes, standardisation bodies (if relevant)?

Comments

The E-space platform has attracted the content from the many Europeana related projects as European fashion, food&drink. The project has centred itself as the Creative Space for Europeana cultural content and other sources.

6. OTHER ISSUES

- a. Have policy-related and/or regulatory issues been properly handled (if applicable)?

Comments

Clear IPR rules and a set of guidelines are defined and this will improve the confidence of the users and endorse the interest for the use/reuse of cultural content.

b. Have ethical issues been appropriately handled (if applicable)?

Comments

The ethical editorial rules for the electronic platform is under consideration.

c. Have safety issues been properly handled (if applicable)?

Comments

NA

Name (s) of the expert(s): Pirjo HAMARI - May LIEM.

Date: March 25, 2017

Signature(s):

Pirjo Hamari

Name (s) of the expert(s): Pirjo HAMARI - May LIEM.

Date: March 25, 2017

Signature(s):

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Assessment of deliverables

| DELIVERABLES LIST STATUS | | | |
|--------------------------|-------------------------------------------|--------------------------------------------------------|------------------------------------------------------------------------------|
| No. | Title | Status (Approve ² /Reject ³) | Comment ⁴ |
| D1.3 | Third intermediate report | approved | Elaborate overview |
| D5.2 | Hackaton report | approved | Provides further clarification |
| D5.3 | Monetisation workshops | approved | |
| D5.5 | Business Enterprise report | approved | Exposing realistic future |
| D5.6 | Innovative Access to content in Education | approved | Informative and comprehensive |
| D6.4 | Dissemination | approved | |
| D6.6 | Sustainability plan | approved | MoU duration presented for 18 M Platform sustainability not quite elaborated |
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² In whole or in part or approval subject to certain conditions

³ Appropriate justification needs to be given

⁴ Comments are mandatory if deliverables are only accepted in part, or approval subject to certain conditions, or if they are rejected. In case of suspected plagiarism, details should be given here and it should be mentioned under 2.c. of the report.

ANNEX II - attached by the Commission to the consolidated review report

Review Meeting List of Participants

Project Acronym: *EUROPEANA - SPACE*

Review meeting date: *17/03/2017* venue: *BRUXELLES*

| Name | Function | Beneficiary | Contact details email and telephone |
|-------------------------------|-----------------------------|---------------------|----------------------------------------------------------------|
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