Projects Report

June 2020 – November 2020

Introduction

This document serves as a summary of LIBER's project related activities for the period June 2020 – November 2020. A few highlights:

- **SSHOC project** held its 4th Consortium Meeting virtually in September 2020. The first period of the project closed in June (M18), perioding reporting took place in July and August 2020, and the 1st EC review took place in October 2020. WP6 was represented by LIBER in all occasions.
- The SSHOC WP6 engagement and training activities we are leading are still happening online due to covid19. We are in close contact with the project coordinator and WP6 partners in monitoring the situation and possible implications.
- The event entitled **Realising the European Open Science Cloud** is taking place on November 16th-19th in collaboration with projects EOSChub and FREYA. More information about the event and the registration form are [here].
- **Vasso Kalaitzi, Head of International projects** participates as member of the **EOSC Skills and Training Working Group** as of June 2020. She also provides input for the EOSC Portal Requirements in her capacity as SSHOC WP6 leader.
- First's years reporting was provided in September 2020 for the **INOS project**.
- **re-Creating Europe's** amendment has been signed, including a 6month extension of the 1st reporting period due to delays because of the COVID-19 outbreak. This will not affect the overall duration of the project for the moment. A [survey] on on the impact of copyright law and open policies in relation to digitisation in the GLAM sector is ongoing.
- The **ORE platform** contract between ORE and LIBER was signed in September 2020. LIBER launched a [survey] in this context with deadline 15.10.2020.
- The **EOSC co-creation** contract was signed with between LIBER and the EOSC secretariat, as well as an agreement between LIBER and SKS that collaborate in this effort.
- The Arcadia proposal was preliminary accepted and is under discussion.
- The MES-CobraD proposal was accepted and is under grant preparation.
- The ELE proposal was preliminary accepted and is under discussion.
- The **Projects Database** survey is [live] until **December 18th, 2020.**

Ongoing projects

Acronym	Title	Start date	End date	LIBER budget
SSHOC	Social Sciences and Humanities Open Cloud	01.01.2019	30.04.2022	450.937,50
INOS	Integrating Open and Citizen Science into active learning approaches in Higher Education	01.09.2019	31.08.2022	79.797,00
reCreating Europe	Rethinking digital copyright law for a culturally diverse, accessible, creative Europe	01.01.2019	31.12.2022	311.500,00
ORE	Open Research Platform	04.09.2020	03.09.2024	136.780,00
EOSC Workshops	EOSC Secretariat co-creation calls	01.07.2020	31.03.2021	24.500,00

Summary of current projects resources

Project	Resources	Online presence
SSHOC	WP1 Project management & Administration SSHOC Project Management Plan Quality Assurance & Risk Assessment Plan First Annual Progress & Activity Report SSHOC Data Management Plan WP2 Communication, Dissemination, and Impact: SSHOC Overall communication and outreach plan WP3 Lifting Technologies and Services into the SSH Cloud: Report on SSHOC (meta)data interoperability problems.; Inventory of SSH citation practices, and choice for SSHOC citation formats and implementation planning WP4 Innovations in Data production: A sample management system for cross- national web survey Guidelines for the integration of Audio Capture data in Survey Interviews Policy API Tool Specification of the new features of the Aïoli platform SSHOC Reference Ontology (beta version) WP5 Innovations in Data Access Implementation plan for the archeological case study WP6 Fostering Communities, Empowering Users, & Building Expertise: Community engagement strategy; Building expertise strategy; Inventory of existing learning materials SSHOC train-the-trainer toolkit (draft) Report of the SSHOC training community WP7 Creating the SSH Marketplace:	Website: https://sshopencloud.eu/; https://twitter.com/SSHOpenCloud; News: https://www.sshopencloud.eu/news Training: https://www.sshopencloud.eu/training LinkedIn page: https://www.linkedin.com/company/sshoc/; Youtube channel: https://www.youtube.com/channel/UCw-mY8v84yeHW2z4KG3ZLtA Twitter: https://twitter.com/SSHOpenCloud Zenodo: https://zenodo.org/communities/sshoc/?page=1&size=20 Subscribe to newsletter: https://www.sshopencloud.eu/user/register

	System specification SSH Open Marketplace WP8: Governance/Sustainability/Quality Assurance: Certification plan for SSHOC repositories WP9 Data Communities: Challenges that user communities face when attempting to contribute to SSHOC Demarcation Report of Electoral Studies User Community Design and Planning of Knowledge Graph in Electoral Studies User-community involvement plan	
INOS	List of results: https://inos-project.eu/project-activities/ Academia permeating society through Citizen Science: Use cases of engagement in Higher Education Typology matrix Academia permeating society through Citizen Science: Recommendations for Higher Education Institutions Infographics (full version); Subset *Adjust* (online version); Subset *Adjust* (print version); Subset *Open Up* (online version); Subset *Open Up* (print version); Subset *Co-create* (online version); Subset *Co-create* (print version). State-of-the-art analysis of the pedagogical underpinnings of open science, citizen science and open innovation activities A roadmap on consolidating the knowledge base on learning in OS A learning design framework for improving the learning potential of OS activities by means of active learning approaches Guidelines on designing, implementing and evaluating open knowledge activities Guidelines on designing, implementing and evaluating open innovation activities	INOS Broschure: https://inos-project.eu/wp-content/uploads/2019/12/INOS-Flyer-Interactive.pdf Website: https://inos-project.eu/; News: https://inos-project.eu/news/ Twitter account: https://twitter.com/INOSproject; Facebook page: https://www.facebook.com/INOSproject/ Zenodo: https://zenodo.org/communities/inosproject_eu/?page=1&size=20 Subscribe to newsletter: https://kb.us4.list-manage.com/subscribe?u=a9448f202e162ce85362e0994&id=9ba2722a5f

reCreating Europe	Public deliverables not available yet	Website: https://www.recreating.eu/ (1st version. 2nd version coming up soon) Facebook: https://www.facebook.com/reCreatingEU Twitter: https://twitter.com/reCreatingEU YouTube: https://www.youtube.com/channel/UCmc6HzXrwyj33f50vFq7u0Q?view_as=subscriber LinkedIn: https://www.linkedin.com/company/recreating-europe/
ORE	Public deliverables not available yet	Splash page: https://open-research-europe.ec.europa.eu/
EOSC Workshops	Public deliverables not available yet Call for speakers: https://libereurope.eu/blog/2020/09/08/call-for-speakers/ Call for rapporteurs: https://libereurope.eu/blog/2020/09/08/call-for-rapporteurs/	

SSHOC

The project builds and enhances a coordinated cluster of the Social Science and Humanities European Research Infrastructure Consortia (ERICs) in the context of EOSC. LIBER is leading the WP on *Fostering Communities, Empowering Users, & Building Expertise*.

LIBER is participating in the following work packages: WP1 Management, WP2 Communication, Dissemination and Impact, WP3 Lifting Technologies and Services into the SSH Cloud, WP8 Governance/ Sustainability/ Quality Assurance.

WP1 – Project management: LIBER participates in the regular PMB and 1Tier calls, also contributing to important strategic decisions of the project. LIBER also participated in the 4th SSHOC Consortium Meeting that was held online provided input on WP6 in the General Assembly and Project Management Board meetings. In the context of WP1 activities, LIBER represented WP6 in the official project review for the 1st reporting period of the project (M1-M18).

WP2 - Communication, Dissemination, and Impact: We collaborate on a regular basis by participating in the WP, but also on a higher level between WP2 and WP6, while we also have shared activities (e.g. Stakeholder engagement events).

WP3 - Lifting Technologies and Services into the SSH Cloud: LIBER is contributing to deliverables and activities under the tasks "Making data findable by being citable" and "Making Data re-usable and actionable". Further work is currently taking place to establish regular interaction between libraries and the SSHOC services, re: specific tools (e.g. VCR and Switchboard).

WP6 - Fostering Communities, Empowering Users, & Building Expertise:

WP6 is responsible for delivering a wide range of activities in the duration of the project, namely: 6 raisining awareness workshops, 6 awareness raising webinars, 6 targeted training workshops, 6 targeted training webinars, 3 Training Bootcamps, 1 Stakeholder Forum and 1 Final Conference. Most of the activities that would happen in 2020 and early 2021 have already been scheduled, but greatly affected by the COVID-19 crisis. Effort is currently being spent in mitigation plans and exploring options for virtual platforms, tools and formats to accommodate parts of the activities, in order to still foster, empower and inspire our community. We are in close contact with the project coordinator and WP6 partners in monitoring the situation and addressing possible implications.

In the 1st reporting period of the project (M1-M18) WP6 led by LIBER has achieved:

- 3 Milestones and 5 Deliverables, incl. 2 strategy documents
- 2 awareness raising webinars, 1 awareness raising virtual workshop and 6 extra engagement events
- 1 Inventory of existing learning materials; 1 SSHOC Training Toolkit
- 1 SSH Training Community, 2 Online training bootcamps and monthly SSH Training Community calls, as well as 3 extra events to promote Toolkit and Community
- 2 targeted training workshops, 4 targeted training webinars, 1 Masterclass and 4 supporting Q&A follow-up sessions and 1 follow-up webinar

The event entitled **Realising the European Open Science Cloud** is taking place on November 16th-19th in collaboration with projects EOSChub and FREYA. More information about the event and the registration form are [here](#).

Overall opportunities for further activities and mitigation plans are currently being explored and organised internally with WP6 being on the lead and closely collaborating with CESSDA, DARIAH, DANS and CLARIN.

Information on SSHOC awareness raising events can be found [here](#) while for training can be found [here](#). Regular monthly calls take place in the framework of WP6 for the members of the **SSH Training Community**.

The first periodic report has been submitted in the requested period.

INOS

This project is addressing Erasmus+ KA2 strategic partnerships and aiming to modernise Higher Education Institutions curricula and skills through civic engagement in open and citizen science. Two LIBER members are involved as members of the advisory board (Scientific Knowledge services and University Library of Southern Denmark). Tallinn University and Oulu University, whose libraries are LIBER members, are partners of the project. The project's kick-off meeting took place in September 2019. LIBER participates with activities targeting libraries and actively involving them in the discussion of curricula and skills modernization. We are leading dissemination activities, host a multiplier event, and lead an output on engaging, raising awareness and fostering policy change. Furthermore, we will organise 4 interactive workshops for library students, in order to co-create learning material that could potentially be included in their curricula. Through this project we will have the opportunity to collaborate with the LIBER Citizen Science Working Group.

LIBER is at the moment working on the following activities:

IO3: Encouraging a collaborative effort between citizens together with HE staff and students: inviting citizens at partner HEIs to join CS projects in the form of Open Knowledge Activities (OKAs) in a collaborative effort together with HE staff and students. Best practice guidelines, a collection of use cases and a guide on how to run OKAs will be released for maximum impact at local, national and international level. 12 OKAs in 6 countries were scheduled to take place with around 420 participants Planned OKAs: Datathon, service jam, Dotmocracy workshop, Knowledge café, Sensor-based CS problem-solving, etc, as well as a Learning Train the Trainer Activity, initially planned in May in Bordeaux, but canceled due to COVID-19.

The **LTTA** partially took place online and **4 LIBER participant staff members provided training to INOS project partners: Open Science Implementation – the Dos and Don'ts, by José Carvalho, Open Access Projects, Universidade do Minho and Colleen Campbell, Open Access 2020 Initiative, and Research Data Management and FAIR Data by Dr Birgit Schmidt, Knowledge Commons unit, Göttingen State and University Library and Dr Heather Andrews, Data Steward, TU Delft.** Info from the LTTAs is available [here](#) and [here](#).

The first LIBER OKA is took place in October 2020, involving two LIBER participant libraries: **University of Library Studies and Information Technologies in Sofia, Bulgaria** and **Belgrade University, University library "Svetozar Markovic".** Expert speakers for this OKA were **Thomas Kaarsted (LIBER CitSci WG)**, **Benjamin White (LIBER Copyright WG) and Georgi P. Dimitrov** from ULSIT, while a coaching session prior to the debate session was offered by **Tatsiana Yankelevich** and **Vasso Kalaitzi** from LIBER.

The first annual report has been submitted to the coordinator in the requested period.

reCreating Europe

This project addresses DT-GOVERNANCE-13-2019: "Digitisation, Digital Single Market and European culture: new challenges for creativity, intellectual property rights and copyright". The consortium brings together universities, IPR and cultural heritage/art/creative industry experts, researchers, lawyers and economists from around Europe, including Maynooth University Ireland, University of Glasgow, Amsterdam University, University of Tartu, Estonia, whose libraries are LIBER members.

LIBER participates in G.L.A.M. activities focusing on Libraries and Archives and analyzing conducts with regard to (i) legal compliance (eg. if they are aligned with legal restrictions on digitisation by seeking authorization from rights holders when such authorisation is required) and compliance with policies and standards for Openness; (ii) implementation of technological measures; (iii) adoption of social norms and common practises, particularly if in conflict with formal legal norms and more aligned to Open Knowledge principles; (iv) access to content by people with disabilities (also building on data collected by other WPs). A survey on the impact of copyright law and open policies in relation to digitisation in the GLAM sector has been published in this context and is still active for participation.

LIBER is leading the Work Package on Dissemination, Engagement & Outreach, including training activities. The WP produced a sound KPI-driven "Engagement and Outreach Strategy" for the involvement of stakeholders that are relevant for the project, also beyond the key categories covered by the vertical WPs (End users, Creative industries, GLAM, Intermediaries), expanding the project's network, engaging in the discussion the highest amount of stakeholders, and following up on engagement activities. All activities are measured against a set of KPIs and revisited half-way the project.

In the requested period LIBER has been working on ongoing dissemination, updating the project's website and the first Milestone on Building Expertise due in December 2020. Unfortunately dissemination is affected by covid19 and postponement of deliverables (so not enough content) as well by not enough effort spent on such activities in the past period. We are currently working on tackling the situation in order to be able to approach the set KPIs.

Linking to the LIBER, strategy, the library community will be targeted in the engagement activities and the validation process and aim to involve our members as much as possible in the activities of the project.

re-Creating Europe project has asked the EC for 6month extension of the 1st reporting period due to delays because of the COVID-19 outbreak. This will not affect the overall duration of the project at the moment. The amendment has been approved and signed.

The first internal financial reporting has been submitted in the requested period.

ORE

This project proposal was at first submitted in May 2018. This project was to deliver the European Commission Open Research Publishing Platform (tentatively named 'Open Research Europe'). The respective funding has been withdrawn due to open discussion on Plan S and re-opened, hence the proposal has been updated and re-structured, and was submitted again in September 2019, with LIBER participating in strategic decisions, sustainability activities and communication & engagement activities with twice the effort and budget of the first submission. The project proposal has been accepted by the European Commission, but due to takeover of the coordinator F1000 by T&F the formal start date was delayed and the kick-off meeting took place online on March 27th.

The ORE contract has been signed in the requested period. Work is ongoing in terms of Project Management and Communications. LIBER, in the context of ORE has circulated a survey targeting libraries,

with a deadline on October 15th. LIBER also participated in an ORE webinar to OpenAIRE NOADs. The first LIBER-led ORE webinar is under planning.

EOSC Workshops

The proposal "Research Libraries, Researchers and the EOSC - How do they interact?" has been accepted. Modifications have been sent to take into account COVID-19 implications.

The contract between LIBER and EOSC secretariat is signed, as is an agreement between LIBER and SKS for the co-organisation of the workshops. LIBER and Scientific Knowledge Services (SKS) are co-organising a series of five online workshops that will bring together EOSC Stakeholder groups that represent end-users and intermediaries/trainers, research/academic libraries and researchers. The topics that will be covered during include Architecture, FAIR data, Landscape, Rules of Participation, Sustainability and Skills and Training.

MES-CoBraD

"Multidisciplinary Expert System for the Assessment & Management of Complex Brain Disorders" was submitted in May 2020 and approved in November 2020. Some of the expected impacts are to demonstrate the potential of the use of multi-disciplinary multi-source Real World Data to advance clinical research on complex chronic conditions and further develop new technological tools and platforms for advanced data management, apart from advancing the quality of life of patients and the potential of Real World Data from health authorities. LIBER will be leading engagement activities and opportunity-based dissemination activities, while its overall role will focus on libraries in the lifecycle of RWD and their role in the creation and uptake of proposed solutions.

PAST PROJECTS

No projects closed in the requested period.

Inter-project activities

- Participation in the [Community of Practice for training coordinators and managers](#), led by OpenAIRE. Main contact on behalf of LIBER is Tanya Yankelevich.
- Jeannette Frey participates in the [EOSC Executive Board](#) as Observer.
- Vasso Kalaitzi participates in the [EOSC Skills and Training Working Group](#) and in the EOSC Enhance Workshops on EOSC portal requirements validation.

PROJECTS DATABASE

The **Projects Database** survey is [live](#) until **December 18th, 2020.**

Analysis will take place as soon as the survey is closed, further contact with LIBER participants will take place if there is a need for it and the results will be presented to the Executive Board during the February meeting.

Progress in implementation of the strategy (Describe the progress and indicate by means of an emocion whether the status is "green" (progress is good), "yellow" (there is a small deviation from expectation), or "red" (there is a large deviation from expectation). If "red", please explain the status.)

Below, all planned Roadmap activities are listed in order of priority. In the case of low priority activities, progress should only be reported if appropriate.

Action area	Planned Activities	Planned Impact	Progress	Status
Copyright & Legal Matters	Advocate for research friendly copyright reform	- Interests groups are involved in the process of advocacy - LIBER point of view is taken into account in EC discussions	LIBER participates in the relevant reCreating Europe project starting in January 2020.	J
Copyright & Legal Matters	Guidance on implementation of new legal measures (copyright, DPR)	- Guidance is well advertised - Copyright workshop for professionals to learn and share about legal matters	LIBER participates in the relevant reCreating Europe project.	J
Copyright & Legal Matters	Build capacity to support researchers on copyright and legal matters	- Researchers are informed - LIBER provides Copyright workshop for professionals to learn and share	LIBER participates in the relevant reCreating Europe project.	J

		about legal matters - LIBER provides workshops on data protection		
Open access to research publications	Advocate for OA policies and mandates	- OA policies in place that promote sustainable OA	ORE work is relevant	**J**
Innovative Metrics	Advocate for open metrics	- LIBER point of view is taken in account in EC discussions	No project-related activity	**L**
Innovative Metrics	-Provide guidance on how to support metrics - Organize LIBER workshop on new metrics and how to implement them in LIBER libraries	- LIBER members have an overview about new available metrics	No project-related activity	**L**
Innovative Metrics	Explore new metrics	- LIBER supports one or two new metrics through workshops	No project-related activity	**L**
Open access to research publications	Facilitate exchange of best practice in licencing negotiation for off-setting.	- Move towards sustainable OA business models - Sustainable business models are the default	No project-related activity	**L**
Open access to research publications	Promote and develop repositories services	- LIBER libraries systematically implement services and	ORE work is relevant	**J**

		workflow to support OA		L
Innovative Peer review	Investigate landscape and role of libraries	- LIBER members have an overview of ongoing initiatives in the field	Remote contribution via current project activities	L
Citizen Science	- Citizen Science enthusiasts are informed of library support - Overview on Citizen Science actions going on in Europe is available to LIBER members - LIBER organizes a Workshop "Citizen Science" where members can discuss the most valuable actions	Grow the role of libraries in supporting Citizen Science	LIBER participates in the relevant INOS project. Please see info in the ongoing Projects section. Collaboration is being fostered between SSHOC and the LIBER CitSci WG.	J
Text and data mining	Develop best practice in supporting TDM e.g. licencing, tools, data storage, visualisation	- Libraries are able to offer services to researchers - A best practice sheet is available for LIBER members on the LIBER Webpage - LIBER libraries have the skills to support researchers in TDM	No further activity following the end of OpenMinTeD, apart from exploitation of produced material.	L

Digital cultural heritage and digital humanities	Partner with digital scholars (can be done through LIBER WG + DARIAH and CLARIN)	- Additional value of librarians is acknowledged by scholars - LIBER Website displays a fact sheet "how to partner with digital scholars" - LIBER collaborates at practical level with DARIAH and CLARIN	Via SSHOC, the cluster of SSH ERICs in Europe in support of Social Science and Humanities Research, LIBER represents the library perspective and forms part of the cluster governance and regularly collaborates with DARIAH, CLARIN and CESSDA. Further collaboration with OPERAS via SSHOC is being explored.	J
Changing the service development philosophy	Sharing best practice on development of software and systems with user engagement to build the best solutions for them	- LIBER members know agile development and have examples how to enhance user engagement.	SSHOC building the SSH part of the EOSC. Participation in EOSC bodies is relevant.	J
Information Ethics	Explore role of library in information ethics and Responsible Research & Innovation	- There are clear aims in role of the library in the information ethics - LIBER Website provides a fact sheet about information ethics for LIBER members	Remote contribution via current project activities	L
Digital cultural heritage and digital humanities	Spread best practice in managing digital humanities content	- Evidence based feedback of best practice usage - LIBER workshop "Digital humanities" produces a best	SSHOC project is targeting Social Sciences and Humanities. Collaboration with the Digital Humanities WG is pursued. Further collaboration will take place in the course of the project.	J

		practice list available on LIBER Website		
Diversifying digital skills of library staff members and researchers	Develop skills profiles	- Librarians are informed about options to improve their skills profile. - New profiles are available on LIBER website.	Work in SSHOC training and building expertise is also relevant; LIBER is leading training activities for the project. INOS contributes to this end. Collaboration with the CoP is being fostered. Participation in the EOSC WG on Skills and Training is relevant.	**J**
Digital cultural heritage and digital humanities	Promote the role of libraries in digital humanities (can be done through LIBER WG + DARIAH and CLARIN)	- Additional value of librarians is acknowledged by scholars - LIBER Website displays a fact sheet "how to partner with digital scholars"	LIBER is collaborating with DARIAH, CLARIN and CESSDA in SSHOC and will further pursue this goal.	**J**
Diversifying digital skills of library staff members and researchers	Build capacity to support digital activities	- LIBER leadership programme takes this field into account in the programme - Digital skills are embedded in the work programmes of LIBER working groups	SSHOC project and INOS contribute to this end, as is work in the EOSC WG on Skills and Training and CoP for training coordinators.	**J**
Diversifying digital skills of library staff members and researchers	Identify digital skills needed by researchers	- Librarians are ready to offer courses to improve digital skills. - List of skills is provided on LIBER	INOS and SSHOC contribute to this end, as is work in the EOSC WG on Skills and Training and CoP for training coordinators. EOSC WS work expected to be relevant.	**J**

		Website to support LIBER libraries in their support to researchers		
Research data management	Build capacity	- LIBER members know the available capacities - Skills have improved at LIBER libraries and they have the skills to support researchers	SSHOC is at the moment remotely linked to this activity through WP3, where LIBER participates. Further activities are being planned.	J
Research data management	Support development of FAIR RDM policies	- Data is FAIR - FAIR data policies in place in most LIBER organisations	Open Science basics are promoted and linked to the library community through LIBER's participation in EOSCpilot, FOSTER plus and SSHOC. Further collaboration with the project FAIRsFAIR through SSHOC to take place. EOSC WS work expected to be relevant.	J
Research data management	Engage in development of metadata standards	- Standards are available for some categories of metadata and LIBER member know about them (or: LIBER workshops are available on these themes - Libraries implement and advocate for RDM metadata standards which support FAIR data	SSHOC is at the moment remotely linked to this activity through WP3, where LIBER participates.	K
Research data management	Advocate for FAIR data	- Data is FAIR	Through SSHOC activities around policies and best practices in FAIR advocacy activities being carried out. Also see participation in the CoP for training coordinators focusing on making training FAIR. Further collaboration with the project FAIRsFAIR through SSHOC engagement and training activities to take place. Work in INOS is relevant, as well as training	J

			provided to INOS partners by LIBER. EOSC WS work expected to be relevant.	
Semantic interoperability; open linked data	Facilitate the exchange of expertise on enhancing scholarly data and related services	- Theme of a LIBER annual conference, or a LIBER workshop - Case examples of libraries implementing LOD - Pilot projects (EC) to study semantic interoperability of research infrastructures	Open Science basics are promoted and linked to the library community through LIBER's participation in SSHOC.	**K**
Data stewardship	Create capacity in libraries to support FAIR data	- Theme of a LIBER annual conference, or a LIBER workshop	SSHOC work is relevant, as well as participation in the EOSC WG on Skills and Training. EOSC WS work expected to be relevant.	**J**
Data stewardship	Advocate for FAIR data	- The point of view of LIBER is known… by whom? W3C? EC? EUA/LERU/UNICA?	LIBER is promoting the role of Libraries by organising targeted activities and actively participating in discussions. SSHOC work is relevant, as well as possible collaboration with the FAIRSFAIR project. Furthermore, LIBER provided such training to the INOS project partners, for them to be able to deliver relevant project activities. EOSC WS work expected to be relevant.	**J**
Shared services & cloud services	Produce overview of landscape	- LIBER Website provides an overview about the available services for LIBER libraries - LIBER libraries provide case studies and best practices on different kinds of shared services	Input for this activity can be taken from the work of SSHOC (for the core EOSC services). The SSHOC project is also extremely valuable, from this perspective, for shared & cloud services in the Humanities and Social Sciences. Participation in EOSC bodies is also relevant. EOSC WS work expected to be relevant.	**J**

Disciplinary partnership	Engage in joint capacity building (training) with disciplinary communities e.g. via CLARIN	- LIBER provides guidance for libraries for enagement (through Website, of fact sheet)	In the context of SSHOC, LIBER leads the WP which includes training on the uptake of open science, fair data and the tools that SSHOC will offer. LIBER is identifying opportunities for research libraries in Europe to participate in joint training activities with the Social Science and Humanities communities that the ERICs support.	J
Data stewardship	Promote the role of libraries to data infrastructure providers and research communities	- LIBER Website provides fact sheets about role of libraries - Partner in EC projects	SSHOC work is relevant. Also, LIBER provided such training to the INOS project partners, for them to be able to deliver relevant project activities.	J
Disciplinary partnership	Facilitate engagement with e-infra	- LIBER provides guidance for libraries for enagement (through Website, of fact sheet)	Lessons learned from the partnerships that LIBER has established in EU-funded projects with e-infras can be turned into guidance and fact-sheets. Work via SSHOC is also relevant. EOSC WS work expected to be relevant.	K