

Additional Activities Plan reporting template

European Partnership for the European Open Science Cloud (EOSC)

The aim of this Additional Activities Plan is for the Partnership Board to annually list the Additional Activities they want to steer R&I investments towards to achieve partnership objectives. The Additional Activities listed here would be the one available in the next annual reporting template for Additional Activities.

In order for the costs to be accounted for as in-kind contributions, the underlying additional activities shall be carried out in the European Union or countries associated to Horizon Europe.

Year:	2022
Total annual envisaged in-kind contributions in Additional Activities by the Partners other than the Union:	312.453.697,31 M€

Category	select	please	Envisaged Additional Activities type (to be selected from "Additional Activities list" tab)	Description of the Additional Activities (Free Text) Please provide more information on the envisaged Additional Activities)	Link to partnership's objectives / KPIs (to be selected from SRIA/MoU)	[Optional] Link to partnership's project/ topic (to be selected from HE Work Programme)	Estimated number of FTEs per Additional Activity type	Estimated financial contribution (value of FTEs included) per Additional Activity type	Estimated number of FTEs Per category	Estimated annual value (Free text) Per category
1. Support to additional R&I		1.1	Upgrade of existing research infrastructures and e-infrastructures so that they may be federated through EOSC	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> Upgrade of institutional and national repositories (e.g., upgrade of the data catalogues) Upgrade of existing institutional, local, and national data infrastructures (e.g., databases, publishing platform) Implementation of interfaces to integrate computer and data management solutions to ease access and reuse data Scale up the infrastructure capabilities of data centres and improving their connectivity with the EOSC and other European infrastructures Upgrade of data storage infrastructures and/or research data management services (e.g., extension of processing capabilities, extension of data storage capacity, upgrade of DCM management application) Provision of portals and service desks for Open Science related tools Provision of tools for secure collaboration between researchers Upgrade of the SSH Open Marketplace Integration of FAIR data services in infrastructure Integration of a new data processing centre in the EOSC portal, offering Cloud resources to EU researchers and upgrade of existing scientific cloud providers in the EOSC portal 	<p>S01 S04 S06 S07 S08 O02 O05 O011 O013</p> <p>AA3 - FAIR metrics & certification AA4 - AIJ AA5 - User Environments AA6 - Resource Provider Environments AA14 - Widening to public & private sectors & going global</p>		111,8	107.215.229,20		
		1.2	Development and deployment of EOSC-compatible search engines to allow the researchers to explore rich metadata and semantic descriptions in EOSC-connected registers	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> Development of terminology services for exploring, publishing, and developing shared ontologies, vocabularies, and terminologies Upgrade of catalogues with information about policies for OA, licenses, publication fees and conditions offered by the different institutions Implementation of data catalogues together with an automatic metadata enrichment Development, maintenance, and support of research output discovery in e.g. Lingo Liras, Research Data Repository front-end, metadata distribution to FRIS portal, OpenAire, Google Scholar and Google Dataset Search Development and maintenance of metadata repositories and semantic interoperability tools Upgrade of data catalogues to support data onboarding to thematic and EOSC Data Portals Improvement of standard compliance in all national archives to ensure optimal interoperability through automated testing of metadata quality Implementation of discovery services Integration of existing data repositories with EUDAT services for metadata indexing Maintenance and operation of the PID Central Registry Development of an online platform to reduce the barriers for accessing scientific publications by citizens Establishment of the EOSC-compatible search portal that constitutes a single-entry point 	<p>S01 S04 S06 S07 S08 O02 O05 O010 O011 O013</p> <p>AA1 - Identifiers AA2 - Metadata and ontologies AA3 - FAIR metrics & certification AA4 - AIJ AA5 - User Environments AA6 - Resource Provider Environments AA14 - Widening to public & private sectors & going global</p>		29,5	3.345.804,00		
		1.2	Deploying EOSC-Core components for FAIR (e.g. the deployment of online tools for data FAIRification or to help creating FAIR Data Management Plans)	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> Development, hosting, maintenance, and support for different FAIR tools to support researchers in every step of the life cycle e.g., DMP tool, PRET platform, IRDOS infrastructure for active data management, diversified storage solutions Development and pilot of public data repository services for institutions not having capacity to deploy their own repository Provision of standard services for Data Management Plan Tools and REST API (e.g., DMPOnline) Integration of online DMP tool with organisational tools such as repositories and data registers Establishment and implementation of machine-actionable DMP tools Integration of local CRIS systems with DMP tool Development of DMPOnline Metadata for Machines toolbox for ontologies and metadata definition Upgrade of Data Management Expert Guides and realisation of Data Archiving Guides for data experts Implementation of DMP standards 	<p>S01 S06 O05</p> <p>AA2 - Metadata & Ontologies AA3 - FAIR metrics & certification AA5 - User Environments AA6 - Resource Provider Environments AA7 - EOSC Interoperability Framework AA13 - Communication</p>		104,8	11.582.386,00	310,96	132.165.265,20
		1.4	Development and publication of large scale studies	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> Funding of two large cohort studies: the Swiss Transplant and the HIV Cohort Study Large scale studies under the project IDE@5 (Innovative Data Environment @ Styria) that aims to foster the cooperation between industry and HE in data science Policy regulations for the sharing of research data, a study of strategies and regulations Mapping and analysis of Open Science policy developments at international, European, and national level 	<p>S01 S05 S06 S08 O01 O02</p> <p>AA3 - FAIR metrics & certification AA5 - User Environments AA6 - Resource Provider Environments</p>		11,20	3.239.000,00		
		1.5	Contribution to operating core functions of a Minimum Viable EOSC ecosystem	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> Maintenance, improvement, and operation of services for cloud orchestration related to the EOSC EGI Cloud Compute Implementation of MVE Research infrastructures (e.g. Connectome Research Infrastructure) Exploitation of AAI Federation and access to Grant EduGain Development of the Persistent Identification (PID) service Development of the Research Activity Identifier that helps identify not only research projects but also identify infrastructure used in research projects AAI infrastructure development and maintenance AAI federation in platforms (e.g. ELIXIR, B2ACCE) Maintenance of provider profiles on the EOSC Portal Integration of generic data science platform in the EOSC portal, with links to existing EOSC Exchange services, according to EOSC specifications and architecture New generation platform for libraries, WG Metadata schemas, National Metadata Catalogue, National Centre for PIDs 	<p>S01 S06 S07 S08 O01 O05 O010 O011</p> <p>AA1 - Identifiers AA3 - FAIR metrics & certification AA4 - AIJ AA5 - User Environments AA6 - Resource Provider Environments AA14 - Widening to public & private sectors & going global</p>		53,68	6.782.852,00		
	2.1	Investment done complementing the results of a project, bringing it to a higher TRL level (e.g. EOSC thematic services) or to deployment	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> Continuous improvement of services registered in EOSC Portal Metrics service deployment Support on the development of EOSC thematic services for the development of a Medical Imaging Real World Data repository to create a biobank on medical imaging data, internally funded by the institution Sustaining outcomes of the SMOOC cluster project to become TRL 8 services. 	<p>S04 S07 S08 O01 O05</p> <p>AA5 - User Environments AA6 - Resource Provider Environments AA7 - EOSC Interoperability Framework</p>		4,95	1.195.000,00			

2.2 Uptake of EDSC projects' outcomes through adoption of, for instance, new open specifications, standards for data interoperability, common EDSC frameworks for managing FAI, also but not exclusively in the context of public procurements	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> The investment in the 5th Open Marketplace will be maintained as part of the post-project sustainability plan for continued collaboration by the RIS in 5SH Exploration of EDSC services for a Satellite Image Processing Thematic service Adoption of outcomes of relevant projects (e.g. 5SHDC, EDSC Future, OpenAIR, OPERAS) Injection of knowledge from EDSC interoperability framework and 'A Persistent Identifier (PII) policy for the European Open Science Cloud (EOSC) and AI architecture into national working groups and upcoming projects Development and implementation of standards and data interfaces for research information (Subproject 1); Concept Study for a Research Portal (Subproject 2) Development of interfaces for shared research infrastructures Adoption of repositories (Data Stations) and LTP-systems (swati) to fit into EDSC frameworks Implementation of AI into industrial online services, using EDSC compute services in scientific pipelines Development of guidelines on adoption of standards for interoperability in institutional and national settings Fill data roadmap for 2022: using the EDSC standards and AI for biological image management 	<p>S01 S04 S05 S07 O01 O05 O06 O09 O011 O012</p> <p>AA3 - Identifiers AA3 - FAIR metrics & certification AA4 - AI AA5 - User Environments AA6 - Resource Provider Environments AA7 - EDSC Interoperability Framework AA14 - Widening to public & private sectors & going global</p>	5,90	847.850,00	17,50	2.876.736,00
2.3 Implementation of technical specifications required to provide services through the EDSC	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> Standardization and vocabulary development activities relevant for EDSC Implementation of state-of-the-art standards for metadata, interoperability and persistent identification for the upgrading of the cultural heritage digitized collections repository Adoption of service templates at all service provider archives Implementation of technical specifications required to provide repository and LTP services through the EDSC Support implementation interoperability guidelines Support repository platforms to embed functionalities for specs 	<p>S01 S04 S05 S07 O01 O05 O06 O09 O011 O012</p> <p>AA1 - Identifiers AA2 - Metadata & Ontologies AA3 - FAIR metrics & certification AA4 - AI AA5 - User Environments AA6 - Resource Provider Environments AA7 - EDSC Interoperability Framework AA14 - Widening to public & private sectors & going global</p>	6,65	833.886,00		
3.1 Investment in new platforms, demonstrators, pilot use cases exploiting domain-specific user environments and supporting the EDSC vision including the value of sharing FAIR and open research data and other research digital objects such as software	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> Roll-out of new services and pilot applications in the context of the Open Research Knowledge Graph for various applications and science domains Update of the Digital Object Gateway demonstrator Development of the federated/IB (JARC) infrastructure, adopting a FAIR by design approach, and develop a shared infrastructure for ensuring the highest interoperability level Build a repository for Medical Image data in Cancer for research, applying the FAIR principles Investments concerning the further development of a MVP Discovery Platform and use-case development to update features developed on top of the Connectome Knowledge Graph (future interoperable with EDSC) In-kind contribution of BBMRI-ERIC members and employees for the development of the federated data platform Labs Digital Data Exchange Project piloting data sharing and data sovereignty options, lead to potential new services Build technical prototypes in EDSC-compatible frameworks, showcase them and work with end-users Set-up vocabulary registries as a demonstrator for a federated registry service infrastructure Development of prototype of a flexible science platform for the access of open ad-hoc data available through the EDSC Development and implementation of standards and data interfaces for research 	<p>S01 S04 S05 S06 S07 S08 O01 O04 O05 O06 O012</p> <p>AA3 - FAIR metrics & certification AA4 - AI AA5 - User Environments AA6 - Resource Provider Environments AA7 - EDSC Interoperability Framework AA14 - Widening to public & private sectors & going global</p>	103,88	63.832.416,42	104,88	63.932.416,42
3.2 New (pre-)commercial services and capabilities along the data life cycle addressing current and anticipated needs of the research community at large	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> Definition of services and related policies for data management, processing and orchestration in accordance with potential commercial use-cases Implementation of the EDSC AI within EuroHPC 	<p>S04 S07 O01 O05 O010</p> <p>AA4 - AI AA5 - User Environments AA6 - Resource Provider Environments AA7 - EDSC Interoperability Framework AA14 - Widening to public & private sectors & going global</p>	1,00	100.000,00		
4.1 Invest in start-ups, spin-offs on solutions developed within the projects	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> Support the creation of spin-off by universities with a 5% stake Transfer of BSC engineering applications to new spin-offs 	<p>S08</p> <p>AA14 - Widening to public & private sectors & going global</p>	1,85	220.000,00		
4.2 Start incubator/accelerators	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> Organization of bootcamps, incubators and startups Support the creation and development of innovative start-ups with high technological intensity and growth potential, founded both by university researchers and students, and by external entrepreneurs, providing strategic consulting services, coaching, mentoring, fundraising support, and spaces SWITCH Innovation Labs concerning the harnessing of Open Science with a focus on Open Research Data - Budget Labs 	<p>S08</p> <p>AA14 - Widening to public & private sectors & going global</p>	2,1	399.350,00	5,45	769.350,00
4.3 Matchmaking between different start-ups, SMEs, participating companies, stakeholders	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> Organization of workshops with representatives of non-academic partners to develop a more articulated overview of existing opportunities and conditions for service provision and collaboration (Innovation based on co-development) Organization of info days and matchmaking events Support for SMEs to deliver new innovative products via the EDSC Future DH 	<p>S08</p> <p>AA13 - Communication AA14 - Widening to public & private sectors & going global</p>	1,4	140.000,00		
4.4 Investments in procurement of innovative solutions	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> Procurement of innovative platform for scientific data preservation and management 	<p>S08 O07</p> <p>AA14 - Widening to public & private sectors & going global</p>	0,10	10.000,00		
5.1 Addressing the development of education, training and skills development in Open science and FAIR data management of research artefacts. Coordinating and aligning relevant curricula on skills for FAIR and Open Science, and training frameworks for young researchers, civil servants and policy makers	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> Various education, training, and skills development activities (such as webinars, video recordings and screencasts) in Open science and FAIR data management of research artefacts also in the context of EDSC related services Contribution to the National Digital Skills and Jobs Coalition Support to RPOs in delivering training on FAIR and RDM Development of training materials and courses covering RDM topics like anonymization, best practices, FAIR principles Data stewards' recruitment campaigns Training on Data Management Plans and data archiving provided by data repository staff to researchers involved in funded projects RDM support desks and CD support desks Training on ISO standards on data quality, security and on information transfer systems Development of data stewardship curriculum, establishment of data steward training programmes, data stewardship certification courses Development of training resources about Open Science and FAIR data for the arts and humanities research communities Annual course on Responsible Research and Innovation with a specific stress on DS and FAIR 	<p>S01 S02 S04 S06 S08 O03 O04 O06</p> <p>AA1 - Identifiers AA2 - Metadata & Ontologies AA3 - FAIR metrics & certification AA5 - User Environments AA6 - Resource Provider Environments AA11 - Skills and training AA12 - Rewards and recognition AA13 - Communication AA14 - Widening to public & private sectors & going global</p>	253,96	25.893.368,69		
6.1 Standardisation and certification activities related to EDSC trusted repositories (e.g. CoreTrustSeal and FAIR)	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> Preparation of repositories and national repository platform for CTS certification Certification (CoreTrustSeal) of institutional research data repositories Development of FAIR practices, semantics interoperability of FAIR research resources and repositories Support for CoreTrustSeal certification Extension of activities of Meta Data Offices, including the management of meta data profiles Preparation of certification documentation for the Sensitive Cloud to deal with sensitive (health-related) data Financial contribution to the board and secretariat of Core Trust Seal Operation of internal CRD working groups Operation of the Metadata Validator services Contribution to national Computing and Data Infrastructure activities 	<p>S01 S03 S04 S06 O05 O013</p> <p>AA1 - Identifiers AA2 - Metadata & Ontologies AA3 - FAIR metrics & certification AA5 - User Environments AA6 - Resource Provider Environments AA7 - EDSC Interoperability Framework AA13 - Communication</p>	8,9	1.236.394,00		

6. Contribution to the development of new standards, regulations and policies	6.2 Translate FAIR guidelines and frameworks to make them applicable to other digital objects, such as software, code, data management plans, protocols	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> 1. Template, protocols, and guidelines to manage data according to FAIR principles for the research community, provided by Data Stewards 2. Software development of data analysis under open code principles to guarantee its future reusability and data provenance 3. Contribution to the development of applicable FAIR guidelines and DMP elaboration guidelines 4. Development of FAIR practices, semantics interoperability of FAIR research resources and repositories 5. Upgrade the pISA tree framework for FAIR data management of life science projects 6. Preparation of FAIR guidelines for research projects 7. Support different research communities in practical solutions to make their infrastructure and procedures FAIR ready (development of template DMPs) 8. Development of Metadata for Machines tools 9. Participation in activities related to national Minimal DMPs 10. Contribution to the European Software Sustainability Initiative (EUSI), the Workshops on Sustainable Software Sustainability (WSSSI) and the FAIR Software Route 11. Contribution to the development of institutional and national guidelines for RDM 12. Participation to RDA, IVDIA, IPDA working groups 13. Involvement in EDC Association's Task Forces work 14. Development and upgrade of guidelines for publications, data, software, other research 	<p>S01 S02 S03 S04 S05 O03 O04 O05 O06 O07 O08</p> <p>AA2 - Metadata & Ontologies AA3 - FAIR metrics & certification AA5 - User Environments AA6 - Resource Provider Environments AA7 - EDC Interoperability Framework AA11 - Skills and training AA13 - Communication AA14 - Widening to public & private sectors & going global</p>	77,1	7.651.344,00	304,63	30.608.601,00
	6.3 Continuous standardisation of PID resource types and promotion of new practices to expand the range of identifiable research objects (e.g. instrument, services, organisations and software)	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> 1. Collaboration with Data Cite on various PID standardisation activities 2. Implementation of a PID Identifier provided by DataCite in the raw data of sets collected in different experimental stations 3. Application in institutional context (eRA, PID service) contributions to committees (e.g., DataCite, Crossref, ORCID iD, EuroSci) 4. Work with DataCite DOI service 5. Establishment of national PID roadmaps 6. Integration of ORCID, DOI and other PID in university system 7. PID management, nation-wide services DOI Service, ORCID, activities in the RDA National PID Storage Working Group 8. Alignment of PID usage across national DOI users 9. Involvement in EDC Association's Task Forces work (EDSC Task Force PID policy and implementation) 10. Collaboration on national PID infrastructures for FAIR data 11. Contribution to various national and international PID standardisation activities 12. Contribution to the PID architecture and design document 13. Costs related to PID licensing (DataCite, Handle, CrossRef, ORCID) 	<p>S01 S02 S03 S04 S05 O01 O02 O04 O07 O08 O011</p> <p>AA1 - Identifiers AA2 - Metadata & Ontologies AA3 - FAIR metrics & certification AA5 - User Environments AA6 - Resource Provider Environments AA7 - EDC Interoperability Framework</p>	66,7	6.306.563,00		
	6.4 Support all research communities to develop and adopt domain-specific standards and to consolidate common metadata and data schemas for use in the EDC context	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> 1. Support domain specific development of ontologies for semantic web applications 2. Support to LifeWatch and CSC's Teledetection Thematic Platform on the adoption of relevant standards for their domain of knowledge and FAIR principles 3. Support to the implementation of data standards 4. Development of Flemish Standard for Research Data 5. Support arts and humanities research communities in developing/adopting new standards and policies 6. Participation in the following EDC Association task forces: TF Upskilling Countries to Engage in EDC, TF Research Careers, Recognition, and Credit, TF Building Funding Models for EDC and TF Semantic Interoperability 7. Contribution to FDS working group architecture - use cases 8. Support for adopting metadata and file format standards to ease data access and discovery 9. Development of national open science plans, development, and promotion of institutional OI policies 10. Support for several research communities in standardisation by data steward teams 	<p>S01 S04 O04 O05 O012</p> <p>AA2 - Metadata & Ontologies AA3 - FAIR metrics & certification AA5 - User Environments AA6 - Resource Provider Environments AA7 - EDC Interoperability Framework</p>	152,0	15.414.300,00		
	7.1 Define and test financing models for a lasting long-term EDC sustainability framework	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> 1. Co-definition of a sustainability framework with the members of the Hellenic Open Science Initiative 2. Participation in EDC-A Task Force 'Long term data preservation' 3. Contribution to the work of EDC Association Financial Sustainability Task Force 4. Establishment of national models for financial sustainability 5. Establishment of working group for defining and assessing business models for Open-ARE services 	<p>O013 O014</p> <p>AA9 - Landscape Monitoring AA10 - Funding Models</p>	3,4	435.000,00		
7. Supporting ecosystem development	7.2 Development of consensual EDC frameworks and guidelines (e.g. for interoperability, AA, the implementation of EDC rules of participation)	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> 1. Participating in EDC Advisory Group 'Technical challenges on EDC' - Task Force 'AI Architecture', Task Force 'Technical interoperability of data and services' 2. Participation in EDC Rules of Participation Compliance Monitoring working group 3. Work on EDC compliant AA ecosystem for specific scientific domains (primary Life Science and Healthcare) 4. Contribution to AA standards and best practices definition from the HPC centre and related services operator perspective 	<p>S05 O04 O05 O013</p> <p>AA3 - FAIR metrics & certification AA4 - AA AA7 - EDC Interoperability Framework AA8 - Landscape Monitoring</p>	5,6	570.433,00		
	7.3 Support to knowledge building and sharing with the research domains to support data-intensive science and inter-disciplinary research	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> 1. Collaboration with national RPOs and researcher networks 2. Support the publication in Open Science Journals through internal grants 3. Fostering best practices in open science across researchers 4. Dedicated staff to support researchers with interdisciplinary data interoperability across department and projects 5. Establishment of Digital Competence Centers with a focus on improving research data management practices and the adoption of FAIR and Open Science 6. Engagement in several working groups and workshops, e.g., on metrics, architecture, metadata standards 7. Facilitation of dialog across research domains with relevant stakeholders 8. Support all research teams covering the entire data cycle, from writing DMPs, adopting appropriate storage solutions, depositing their datasets in open repositories 	<p>S01 S04 S08 O02 O04</p> <p>AA1 - Identifiers AA2 - Metadata & Ontologies AA3 - FAIR metrics & certification AA8 - Landscape Monitoring AA11 - Skills and training AA13 - Communication AA14 - Widening to public & private sectors & going global</p>	86,1	9.053.433,00		
	7.4 Building industry-academia cooperation (e.g. GAIA-X and other industry-driven initiatives)	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> 1. Collaboration with national RPOs and researcher networks 2. Support the publication in Open Science Journals through internal grants 3. Fostering best practices in open science across researchers 4. Dedicated staff to support researchers with interdisciplinary data interoperability across department and projects 5. Establishment of Digital Competence Centers with a focus on improving research data 	<p>S08</p> <p>AA8 - Landscape Monitoring AA14 - Widening to public & private sectors & going global</p>	19,5	2.007.833,00		
	7.5 Enforcement and implementation of the EDC Persistent Identifier (PID) policy and architecture	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> 1. Internal campaign for adoption and promotion of ORCID among staff and researchers from the linked organisations 2. PID analysis project within Knowledge Exchange Centre 3. Revision of institutional policies and enforcement of PIDs for all data holdings 4. The program aims that aims to facilitate the production, access, sharing and management of information on national scientific activity 5. Implementation & maintenance of pilot PID services for national User community 	<p>S01 S02 S04 O013</p> <p>AA1 - Identifiers AA2 - Metadata & Ontologies AA3 - FAIR metrics & certification AA8 - Landscape Monitoring</p>	2,8	283.202,00		
	7.6 Encouraging and incentivising use of European infrastructure for sharing of research software	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> 1. Encouraging use of image data tools developed in EDC Life 2. Internal campaign, using institutional newsletters, for promotion of EDC membership and raise awareness of the importance of open standards and sharing of research software 3. FAIR software project within Knowledge Exchange Centre 4. Establishment and expansion of a software equality platform (EURISE Network) and bilateral collaborations with other scientific domains 5. Contribution to the European Software Sustainability Initiative (EUSI), the Workshops on Sustainable Software Sustainability (WSSSI) and the FAIR Software Route 6. HPCOS platform design activities 	<p>S06 S07 O01 O07</p> <p>AA5 - User Environments AA6 - Resource Provider Environments AA8 - Landscape Monitoring AA14 - Widening to public & private sectors & going global</p>	2,9	315.533,00		
	7.7 Monitoring of EDC key performance indicators (KPIs), investments and FAIR data production and management	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> 1. Monitor institutional progress of KPIs by Open Science teams 2. Engagement in Open-ARE monitoring activities 3. Reporting activities and participation in WG KPIs and WG Landscape Analysis of national EDC-Mandated Organisation 	<p>S07 O02 O07</p> <p>AA8 - Landscape Monitoring</p>	1,7	172.000,00		
	7.8 Contributing to a rewards and recognition framework that incentivises FAIR data and Open Science	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> 1. Contribution to the alignment of the national rewards and incentives framework to the European initiatives 2. Participation in EDC-A Advisory Group 'Research careers and curricula' - Task Force 'Research careers, recognition and credit' 3. Contributions to committees (e.g., EDC TF Research careers and recognition and credit, The Guild) and contributions to institutional / national discussions 4. Creation of two new awards available to researchers: one for the best open access publication and the other for the best FAIR research database 5. Involvement in European initiatives such as the development of an agreement on Reforming Research Assessment 	<p>S01 S04 O08</p> <p>AA3 - FAIR metrics & certification AA12 - Rewards & Recognition AA13 - Communication O02 O07</p> <p>AA8 - Landscape Monitoring</p>	59,3	5.933.633,00		

7.9	Activities contributing to strategic and operational alignment, coordination and synergies with other partnerships, HE missions, initiatives, research data commons and data spaces	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> 1. Collaboration with other infrastructures, partnerships, Horizon Europe mission, to implement into the strategic and operational plans at EU level innovative paediatric research to be developed in synergy. 2. Establishment of national Open Science Task Forces and/or national EOSC Support Offices 3. Coordination of national Open Science Cloud Initiative as national, organizational, and technological environment which encourages and enables open science by providing the resources and services needed for collecting, processing, storing, sharing, and reusing research data following FAIR principles. 4. Participation in Executive Board of Competence Centers. 	<p>501 508 509 004</p> <p>AA9 - Landscape Monitoring AA14 - Widening to public & private sectors & going global</p>	128,8	13.207.013,00
7.10	Contact points at national or institutional levels and coordination mechanisms for EOSC uptake by the research communities, infrastructure connection and FAIR implementation	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> 1. Participation in the Hellenic Open Science Initiative, which aims to promote EOSC in the country. 2. Operation of contact points concerning EOSC activities, related projects, RDM steering group, research data networks. 3. Coordination activities for National Open Science Cloud Initiative 4. Coordination of OS activities relevant at national level and acts as an OS and EOSC helpdesk, supporting the EOSC uptake, being connected to the main initiatives 5. Coordination of the national EOSC Forum, running EOSC national Coordination Forum 6. Coordination of the national OS Taskforce, engagement with national stakeholders, co-creation activities for potential "EOSC proof" services in collaboration with research organizations and researchers 	<p>501 503 508 002 004</p> <p>AA8 - Rules of Participation AA9 - Landscape Monitoring AA13 - Communication AA14 - Widening to public & private sectors & going global</p>	18,1	1.881.733,00
8	Communication, dissemination, awareness raising, citizen engagement	<p>8.1 EOSC related communication, dissemination, outreach and awareness raising activities</p> <p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> 1. EOSC related communication and awareness raising activities, using all available communication institutional channels, including webpages, magazines, newsletters and through social networks 2. Dissemination, outreach, social media postings, events and webinars targeted widely for research communities on topics including research data management, EOSC, EUDAT, FAIR data, data infrastructures and research data services 3. Dissemination actions with respect to EOSC during national e-Science meetings 4. PR activities with national press and magazines (scientific, IT related, broad coverage, ...) 5. Awareness raising activities in diverse contexts (e.g., institutional meetings and events, university alliances) 6. Creation of a dedicated space on the institutional website to explain EOSC, publicize our membership and gather attention on our openness 7. Local and national workshops and events <p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> 1. Maintenance of dedicated webpage on EOSC related activities, addressed to various communities 2. Engagement activities through EOSC Board and membership fee 3. Regular webinars with researchers where EOSC and engagement opportunities are disseminated 4. Management of large platforms such as BrainMap - the online community of researchers, innovators, technicians, and entrepreneurs with more than 42.000 accounts or EERIS platform that offers an overview of existing research facilities, equipment, services, and technological services at national level 5. Promotion of EOSC in various activities, sometimes in cooperation with OpenAIRE 6. Promotion of the federation of existing services and data at the European level 7. Promotion of EOSC policy, funding, and other activities from the European to national and local level 	<p>501 502 503 504 508 003 004</p> <p>AA5 - User Environments AA6 - Resource Provider Environments AA9 - Landscape Monitoring AA13 - Communication AA14 - Widening to public & private sectors & going global</p>	42,2	4.238.400,00
	8.2 Promoting EOSC at all levels by engaging with relevant communities and stakeholders	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> 1. Maintenance of dedicated webpage on EOSC related activities, addressed to various communities 2. Engagement activities through EOSC Board and membership fee 3. Regular webinars with researchers where EOSC and engagement opportunities are disseminated 4. Management of large platforms such as BrainMap - the online community of researchers, innovators, technicians, and entrepreneurs with more than 42.000 accounts or EERIS platform that offers an overview of existing research facilities, equipment, services, and technological services at national level 5. Promotion of EOSC in various activities, sometimes in cooperation with OpenAIRE 6. Promotion of the federation of existing services and data at the European level 7. Promotion of EOSC policy, funding, and other activities from the European to national and local level 	<p>501 503 508 509 004 005 007 008 009 004</p> <p>AA13 - Communication AA14 - Widening to public & private sectors & going global</p>	12,6	1.272.500,00
9.1	Introduction of EOSC specific references in research programmes and EOSC related criteria for R&I funding	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> 1. Elaboration of a concrete roadmap/ action plan with indicators correlated to the EU policy recommendations and correlated with SRA and the EOSC Partnership KPIs, including proposal/ estimates of the financial interventions needed at national level 2. Support in drafting OS related criteria in different funding streams 3. Contribution to the Horizon Europe Programme [HE] in collaboration with the national HE Programme Committee Research Infrastructures 4. Support researchers in integrating EOSC & FAIR in proposals, support researchers to comply with requirements for projects 	<p>501 503 504 004</p> <p>AA8 - Rules of Participation AA9 - Landscape Monitoring AA12 - Rewards & Recognition</p>	0,2	15.000,00
9.2	Activities in support of open publishing and initiatives to promote wider open access publication through the EOSC	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> 1. Development, support, and promotion of the national infrastructure for OA and activities on boarding those infrastructures to EOSC 2. Enforcement of the open access policy for mandatory deposit of publications and data in the institutional repositories - OpenAIRE compliant - through the recruitment of new library staff for full text check 3. Support to diamond open access through the institutional publishing platforms for open access peer-reviewed journals and books 4. Institutional contributions to European infrastructures (e.g., OPERAS, OpenAIRE) 5. Liaison activities with Open Research Europe - ORE and Open Repositories at EU, national and regional levels 	<p>501 503 504 001 003</p> <p>AA6 - Resource Provider Environments AA13 - Communication AA14 - Widening to public & private sectors & going global</p>	43,7	6.866.512,00
9.3	Adoption of national or institutional strategies for digital transformation and related roadmaps including a reference to the EOSC	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> 1. Support to the implementation of the Digital B4B4 priorities 2. Digitisation projects of cultural heritage collections within the national program of the Ministry of Culture 3. Research Data Management policy 4. Adoption of national strategies, e.g. National Strategy Open Research Data 5. Development of national roadmap on Open Science 6. Participation in projects aligned with the National AI strategy and actions in the field of data platforms 7. Promotion of digital enabling technologies such as connectivity infrastructures or massive data environments to facilitate data sharing 8. Development of advanced data management and analysis capabilities linked to strategic supercomputing infrastructures (BPC) 9. Finalization of the university roadmap on open science, essentially on open data 10. Adoption and implementation of institutional strategies on Open Science 11. Implementation of national digital transformation strategies through the University Action Plan 12. Contribution to the National Roadmap for Digital Transformation which also included actions for Open Science and EOSC 	<p>501 503 503 504 509 001 002 003 004 006 008 0013</p> <p>AA9 - Landscape Monitoring AA13 - Communication AA14 - Widening to public & private sectors & going global AA3 - FAIR Metrics & Certification AA9 - Landscape Monitoring</p>	17,9	2.141.500,00
9.4	Adoption of new policies on Open Science referring to the use of the EOSC or the implementation of the FAIR principles. Definition of policy targets and action plans for the implementation of these policies	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> 1. Support the implementation of activities included in the proposal for a National Open Science Plan 2. Plan 1 implementation, national Open Science Board roadmap implementation 3. Completion of national policies on Open Science 4. Ensure a long-term connection to the major EU initiatives and the national ones 5. Operation of NOSC forum 6. Contribution to the development of national policies, agenda, objectives on OS in the OS national Taskforce 	<p>503 504 004</p> <p>AA3 - FAIR Metrics & Certification AA9 - Landscape Monitoring</p>	20,8	2.094.235,00
9.5	Liaise internationally to develop a global cooperation framework for Open Science infrastructures	<p>This Additional Activities' type includes as follows:</p> <ol style="list-style-type: none"> 1. Collaboration aimed at increasing the awareness for the potential benefits of sharing language resource enabled by the interoperability framework 2. Maintenance of existing links with active consortia in South Africa, the US, Australia, and Latin America 	<p>508 509</p> <p>AA14 - Widening to public & private sectors & going global</p>	5,5	5.720.000,00