OSCARS

Open Science Clusters' Action
for Research & Society

OSCARS 1st Open Call for Open Science projects and services
FUNDED PROJECTS

**Funded by
the European Union**

Science Cluster(s)	Project title	Starting date	Duration (months)	Budget (EUR)	Keywords
ENVRI	FAIRFUN4Biodiversity - FAIR AI models for functional annotation of biodiversity genomics resources	01/02/2025	24	250,000	biodiversity genomics, biodiversity information, technology, data science, European Reference Genome Atlas, functional annotation, FANTASIA
ENVRI	EVA-FAIR - Implementing FAIR principles in the European Vegetation Archive data	01/01/2025	24	245,000	European Vegetation Archive, vegetation-plot data, trusted repositories
ENVRI	Open and FAIR Integrated Phenology Monitoring System	01/11/2024	24	250,000	phenology, phonology monitoring system, plant phenology, phenocams
ENVRI	HOMEROS - Harmonising Observations from Multi-hazard Environments in Research for Open Science	01/10/2024	24	250,000	data sharing, collaborative modelling, disaster preparedness, climate change, hazard assessment, earthquake catalogue
ENVRI	RSOTC - The Regional State of the Climate dashboard	01/10/2024	18	155,000	Regional State of the Climate dashboard, climate change, State of the Climate, State of the Climate reports, climate data
ENVRI	GOYAS - Geospatial Open-science Yielding ApplicationS: innovative and FAIR remote-sensing data	03/11/2024	18	169,577	remote-sensing data, remote-sensing products, Inundation maps, hydroperiod maps, water turbidity maps, AI-driven water quality assessments, oceanographic data products, Satellite-derived bathymetry
ENVRI	FAIR-EO - FAIR, Open and AI-Ready Earth Observation Resources	01/01/2025	24	249,392	Earth Observation resources, Earth Observation data, AI4EOhub, DataHub, ModelHub, PipelinesHub, ResultsHub, AI4EOExplorer, AI applications, environmental sciences, geospatial sciences

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ESCAPE	NAPMIX: Nuclear, Astro, and Particle Metadata Integration for eXperiments	01/12/2024	24	249,926	cross-domain metadata schema, data management, cross-domain interoperability
ESCAPE	Creating a FAIR Open Science Pipeline for high-resolution LOFAR Imaging: COPLI	01/01/2025	24	238,348	LOFAR radio telescope, high-resolution LOFAR imaging, automated pipelines
ESCAPE	GASPS - Gaia All-Sky Parameters for Stars Service	01/12/2024	24	246.529	PySSED, Python Stellar Spectral Energy Distribution package, Gaia catalogue, star properties, SED - Spectral Energy Distribution
ESCAPE	Contribution for the FAIRisation of Gammapy: FAIRGamma	01/01/2025	18	169,498	Open research software, science analysis tool, extreme environments, very-high-energy gamma rays, gravitational waves, fundamental physics, dark matter, multi-messenger astronomy, very-high-energy astrophysics, Cherenkov Telescope Array Observatory (CTAO), KM3NeT
ESCAPE	MADDEN - Multi-RI Access and Discovery of Data for Experiment Networking	01/02/2025	24	210,000	distributed data management (DDM), gravitational waves, gravitational wave research, data lake, multi-RI data lake, Einstein Telescope, Cosmic Explorer, Rucio, RucioFS
ESCAPE	FSD - Federation of Solar Data	01/10/2024	24	249,245	solar data, SOLARNET Virtual Observatory, IVOA standards, astrophysics, geophysics, space physics, meteorology, solar-energy technologies, space technology

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LS RI	FAIRification of IsoSeq Evidence-driven annotation of the biodiversity	01/11/2024	24	185,963	biodiversity, Earth BioGenome Project, genome annotation, genome characterisation, IsoSeq, IsoSeq evidence-driven annotation pipeline
LS RI	PRIVAGAMS - Services for Privacy Advancement through Generative AI and Model Sanitization	01/10/2024	24	250,000	Generative Adversarial Networks, sanitising machine models, model distillation, watermarking, sensitive data
LS RI	BIO-CODES - Enhancing AI-Readiness of Bioimaging Data with Content-Based Identifiers	01/11/2024	18	249,600	bioimaging, bioimaging data, International Standard Content Code, ISCC, ISO 24138 ISCC standard, AI applications, AI models, big data, data integrity, standardised content identifier
LS RI	FAIRY - FAIRification of YEASTRACT+ to Support Yeast-based Bioeconomy and Health	01/11/2024	24	221,152	yeast regulatory networks, transcriptional regulatory mechanism, cell factory design, drug development
LS RI	Implementing FAIRness in structure-based drug design through Fragalysis Cloud	01/10/2024	12	250,000	Structure-based drug design data, FAIR data, Fragalysis cloud, medicinal chemistry, biomedical sciences
LS RI	LabID-PROV: Tracking and Sharing Data Provenance with RO-Crate in Lab Integrated Data	01/11/2024	24	250,000	LabID platform, RO-Crate, data provenance, data traceability, data reproducibility

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PaNOSC	VISA: User experience enhancement	01/10/2024	20	215,014	data analysis, virtual infrastructure, scientific analysis, photon and neutron facilities, photon and neutron science
PaNOSC	AI-Driven Enhancement of Surface Scattering Data for Open Science Platforms Across Europe	01/12/2024	24	249,849	surface scattering data, PaN science, PaN data
PaNOSC	CDIF-4-XAS: Describing X-Ray Spectroscopy Data for Cross-Domain Use	01/10/2024	24	249,500	X-ray spectroscopy, XAS, XAS data, Cross-Domain Interoperability Framework, CDIF
PaNOSC	MC-ReDD - Metadata Capture and validation for Re-use of raw Diffraction Data	01/11/2024	18	185,000	Diffraction data, imgCIF
PaNOSC	Photon and Neutron federated knowledge finder, PaN-Finder	01/10/2024	24	249,950	PaN Data Portal, photon and neutron data, photon and neutron science, AI technologies, PaN data
PaNOSC	MatScatNet - A Cloud Database for Sharing X-ray & Neutron Scattering Data for Materials Research	01/10/2024	24	250,000	Materials science, material characterisation, neutron scattering, x-ray scattering, scattering data, materials research

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SSHOC	EHRI-KG - European Holocaust Research Infrastructure: Knowledge Graph	06/01/2025	24	246,377	data accessibility, Linked Open Data - LOD, Records in Contexts (RiC) standard, Records in Contexts (RiC) ontology
SSHOC	ONTOLISST - Thematic ontologies in social science research data	01/12/2024	24	249,970	social science ontologies, metadata ontologies, thematic metadata systems, Light Social Science Thesaurus (LiSST), natural language processing
SSHOC	Comparing agenda settings across parliaments via the ParlaMint dataset (ParlaCAP)	01/01/2025	24	250,000	natural language processing, parliamentary research data, ParlaMint, political science, AI, artificial intelligence
SSHOC	DraCorOS. Fostering Open Science in Digital Humanities by connecting the "DraCor" Ecosystem to EOSC	01/01/2025	24	238,924	Computational Literary Studies, drama corpora platform, DraCor, Open Science training, Linked Open Data
SSHOC	Opravidlo 2.0 – Public Online Proofreading Service	01/10/2024	24	214,862	proofreading, Opravidlo, Czech language, artificial intelligence, AI tool
SSHOC	AMIS - Advanced Metadata Intelligent System	01/11/2024	24	250,000	metadata enrichment, nature language processing, text analysis, machine learning, (meta)data quality assessment, digital humanities
SSHOC	OASIS - Open Audiovisual Science Innovation Scheme	01/10/2024	24	191,100	video research, video sharing platform, video annotation tool, media studies, sociology, media studies, educational sciences, political science, theatre studies
SSHOC	FASCA - Facilitating Scholarly Communication Analysis through GoTriple Pipeline	01/11/2024	18	247,335	research query support, data retrieval, metadata, semantic annotation, data analysis, data visualisation, GoTriple platform
SSHOC	HarDIS - Harmony in the Democratic Ideological Space	01/01/2025	24	250,000	democracy research, data harmonisation, Party Facts, MEDem
SSHOC	MORCDA - Making Open Research Data Suitable for Comparative Discourse Analysis	01/01/2025	24	199,830	discourse analysis, transnational media discourse, comparative discourse analysis, cross-border linguistic research

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ENVRI, LSRI	RISKY - Wildlife Mortality from Energy and Transport Infrastructure	01/01/2025	24	248,875	wildlife mortality data, biodiversity data, Atlas of Living Australia - ALA, mortality risk analysis, population models, life traits models, sensitivity mapping
ENVRI, ESCAPE, LSRI, PaNOSC, OTHER	HiMAGNETOS: High Magnetic Field Open Science	01/01/2025	24	247,616	High magnetic field research, high magnetic field research data, centralised data repository, DataCite Metadata Schema, Nexus Format, open source data reduction software
ENVRI, ESCAPE, LSRI, PaNOSC, SSHOC, Other	OSPARK - Open Science Promotion and Advocacy for Research Knowledge Bootcamp	01/01/2025	24	249,961	training, education, training bootcamp, marketing and communications, Open Science advocacy
ENVRI, LSRI, Other	SemantyFish: Advancing Visibility, Interoperability and Exploitability of FishBase	01/10/2024	24	248,000	Fisheries, Computer Science, FishBase, semantic web technologies, data interoperability
ENVRI, SSHOC	CASTAL - Case Studies Atlas of Local Sustainability Transition	01/10/2024	24	200,900	Local Sustainability Transition, Responsible Research and Innovation, Open Science, Societal Engagement and Research Project Management, data sharing, data curation
ENVRI, LSRI	AQUANAVI: Navigating Grand Challenges and their Mitigation using Aquatic Experimental Ris	01/12/2024	18	249,107	aquatic environment, aquatic mesocosm-based experimental research, mesocosm, Hi Knowledge, interactive atlas, environmental mitigation strategies, climate change
ENVRI, ESCAPE	OPAL - Ontology Portal for Astronomy Linked-data	01/01/2025	24	248,800	EscapePortal, International Virtual Observatory Alliance, IVOA, OntoPortal, Semantic Artefact Catalogue
ENVRI, ESCAPE, LSRI, PaNOSC, SSHOC, Other	CODEMETASOFT	01/11/2024	24	250,000	Research Software, Software Citation Principles, Research Software metadata, CodeMeta

OSCARS Funded Projects – 1st Open Call – Cross Cluster + Other

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ESCAPE, Other	Astro-CC - Astronomy Open Science Competence Centre Pilot	01/11/2024	24	250,000	Astronomy Open Science Competence Centre, data provider, technology forum, scientific training
LSRI, PaNOSC	mTeSS-X: Scaling training portal federation for RIs through Multi-tenanting and Exchange	01/10/2024	24	250,000	training portal, content exchange, knowledge-exchange, federation of portals, federation of catalogues, training catalogue
LSRI, PaNOSC	HEFTIE - Handling Enormous Files from Tomographic Imaging Experiments	01/10/2024	12	211,384	X-ray tomography, Human Organ Atlas, VISA - Virtual Infrastructure for Scientific Analysis, 3D organ scans, 3D imaging datasets, chunked data
PaNOSC, Other	Findable Big Data from Various Material Characterisation Techniques	01/10/2024	24	250,000	big data, material characterisation, spectroscopy, PaNET ontology, data discovery, data findability, data analysis
PaNOSC, SSHOC	SHARE: Synchrotron x-ray analysis of Heritage Accessible to and Reusable by Everyone	01/01/2025	24	250,000	heritage science, synchrotron, synchrotron x-ray analysis, Historical Materials Block Allocation Group (BAG)
Other	Advanced Materials Open Science Centre at the Precarpathian National University (PNU-OpenLab)	01/10/2024	24	180,000	advanced materials, materials science, nanomaterials, PNU-OpenLab, PNU-FabLab, PNU-NanoLab, FAIR data repository
Other	Open Corrosion Data for Additively Manufactured Alloys (OpenCorrAM)	15/12/2024	24	250,000	corrosion science, MAM industry, Metal additive manufacturing, high corrosion resistance, Additively Manufactured Alloys, metal 3D printing, open corrosion data
Other	Open-Data for Computational Chemistry and Materials Science: ioChem-BD	01/01/2025	24	246,777	computational chemistry, materials sciences, Semantics Data Models, virtual research environment, research data management