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The OpenAIRE Advance Project

and the Czech Republic's Involvement



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What Is OpenAIRE Advance About

Main Goals of OpenAIRE Advance

- * Continues the mission of OpenAIRE to support the Open Access (OA) / Open Data (OD) / Open Science (OS) mandates in Europe.
- * Aims to be a trusted e-Infrastructure within the realms of the European Open Science Cloud.
- * Uses National Open Access Desks (NOADs) to
 - * reach national data infrastructures,
 - * position OA/OS onto national agendas.

Main Goals of OpenAIRE Advance

- * Implement, monitor, and align OS policies across Europe and the world.
- * Harvests OA outputs, links to contextual information.
- * Deploy services to embed OS into researchers workflows.
- * Deploy global open standards for linking all research.
- * Train for OS, for findable, accessible, interoperable, and re-usable (FAIR) science.

Services for All

- * Researcher?
 - * Discover and share research.
- * Content provider?
 - * Make your content count.
- * Funder?
 - * Easily monitor OS.
- * Research manager?
 - * Track research impact and trends.
- * Research community?
 - * The one-stop-shop for OS.
- * Innovator?
 - * Unleash the potential of open research.

European Open Science Cloud (EOSC)

- * OS policies.
 - * Harmonization for policy makers.
 - * Training.
 - * Support.
- * Infrastructure.
 - * Interoperability.
 - * Setup.
 - * Connectivity.
 - * Repositories.
- * OA to publications.
 - * Guides.
 - * Tools/repositories.
 - * Licenses.
 - * Compliance.
- * Open Research Data.
 - * FAIR
 - * Open data.
 - * Tools.
 - * Legal.
 - * Compliance.

OpenAIRE Advance Technical Improvements

- * Focuses on the operation and maintenance of the OpenAIRE technical Technology Readiness Level (TRL) 8/9 services.
- * Improves OpenAIRE services by
 - * optimizing their performance and scalability,
 - * refining their functionality based on end-user feedback,
 - * repackaging them into products, taking a professional marketing approach with well-defined Key Performance Indicators (KPIs),
 - * consolidating the range of services/products into a common e-Infra catalogue to enable a wider uptake.

OpenAIRE Advance Work Packages

WP1: Coordination and Sustainability

Tasks

- * T1.1. Project coordination
- * T1.2. Financial and administrative management and reporting
- * T1.3. Quality assurance and risk management
- * T1.4. Legal issues and ethics
- * T1.5. Sustainability

Deliverables

- * D1.1 Project handbook.
- * D1.2 Virtual Access costs of OpenAIRE services.
- * D1.3 First project Management and progress report.
- * D1.4 Second project Management and progress report.
- * D1.5 Roadmap for the next level of OpenAIRE governance and legal entity.
- * D1.6 Final project report.

WP2: Communication and Dissemination

Tasks

- * T2.1. Communication and dissemination activities.
- * T2.2. Dissemination material: design and production.
- * T2.3. Stakeholder feedback and engagement.
- * T2.4. Organization of workshops and outreach events.

Deliverables

- * D2.1 Communication Toolkit.
- * D2.2 Dissemination plan.
- * D2.3 Updated Communication Toolkit.
- * D2.4 Summary of Outreach Events.

WP3: NOADs Network Operation

Tasks

- * T3.1 NOADs coordination.
- * T3.2 Topical task forces and facilitators.
- * T3.3. Interaction with national networks and ministries.

Deliverables

- * D3.1 Toolkit for policy makers on Open Access and Open Science.
- * D3.2 Toolkit for researchers on legal issues.
- * D3.3 Overview of progress on topical task forces.

WP4: Open Science Helpdesk: Support and Training

Tasks

- * T4.1. Support Coordination and Helpdesk.
- * T4.2. OA, Open Data, RDM and Open Science Training.
- * T4.3. OpenAIRE Services Training.

Deliverables

- * D4.1 Report on extend helpdesk content.
- * D4.2 A multi-module Open Science kit.
- * D4.3 Use cases of OpenAIRE OS service for different OpenAIRE stakeholders.
- * D4.4 Final helpdesk report.

WP5: Global OA Scholarly Communication Infrastructure

Tasks

- * T5.1. Global alignment of repository networks.
- * T5.2. Consolidating network alignment between Europe and Latin America.
- * T5.3. Pilot projects with other countries.
- * T5.4. Launch a repository network in Africa.
- * T5.5. Global liaisons.

Deliverables

- * D5.1 Liaison strategy.
- * D5.2 Roadmap for internationalization of metadata guidelines and vocabularies.
- * D5.3 Pilot of usage statistics with a representative sample of L.A. repositories.
- * D5.4 Final report – outcomes of WP5, results and next steps.

WP6: Towards a Scholarly Commons

Tasks

- * T6.1. Guidelines for data providers and OpenAIRE services APIs.
- * T6.2. Next generation repositories.
- * T6.3. Co-operative models and services for OA transformation.

Deliverables

- * D6.1 Next Generation Repositories final results report.
- * D6.2 Best Practice Guide for Co-Operative Models of Publishing.
- * D6.3 Recommendations for improving aspects of institutional publishing platforms.
- * D6.4 Monitoring OA transformation with APC data analysis final report.

WP7: Participatory Scholarly Communication

Tasks

- * T7.1. Interfacing with scholarly communication services.
- * T7.2. Interfacing and aligning with EC horizontal e-Infrastructures.
- * T7.3. Open Science services for Research Infrastructures.
- * T7.4. Open Science services for Citizen science.

Deliverables

- * D7.1 Interoperability with Scholarly Infrastructure Services.
- * D7.2 Interoperability with EOSCpilot services.
- * D7.3 Interoperability with Research Infrastructures.
- * D7.4 Pilots Implementation Plan.
- * D7.5 Report on Pilot Phase A.
- * D7.6 Citizen Science Roadmap.

WP8: OpenAIRE Products Factory

Tasks

- * T8.1. OpenAIRE Products Management.
- * T8.2. Service Catalogue.
- * T8.3. EU Open Science Observatory.
- * T8.4. Open Innovation.
- * T8.5. OpenAIRE D-NET Software-Toolkit As-a-Service.

Deliverables

- * D8.1 Acceleration Program Design and Implementation Plan.
- * D8.2 Acceleration Program Wrap-Up.
- * D8.3 OpenAIRE D-NET Software-Toolkit As-a-Service.

WP9: Operation & Maintenance of the OpenAIRE Infrastructure

Tasks

- * T9.1. System administration.
- * T9.2. Management and operation of service workflows.
- * T9.3. Information space operation: content collection and harmonization.
- * T9.4. Information space operation: content curation and quality.
- * T9.5. Software lifecycle.
- * T9.6. Infrastructure policies.
- * T9.7. Data Management Plan.

Deliverables

- * D9.1 Maintenance report.
- * D9.2 Infrastructure policies.
- * D9.3 Data management plan.

WP10: Optimization & Upgrade of OpenAIRE Technical Services

Tasks

- * T10.1. Improving performance and scalability.
- * T10.2. Enhancing functionality of services.
- * T10.3. Engineering of OpenAIRE products.
- * T10.4. Enhancing Zenodo functionalities.

Deliverables

- * D10.1 Optimization plan.
- * D10.2 Enhancement of OpenAIRE services.
- * D10.3 Enhancement of Zenodo.

OpenAIRE Advance in the Czech Republic

National Open Access Desks (NOADs)

- * NOADS: Open Science Experts.
- * Outreach.
 - * Project coordinators.
 - * Researchers.
 - * National Funders.
 - * Administrators.
- * Promotion.
 - * Open Science.
 - * Open Access.
 - * OpenAIRE Services.
- * Alignment.
 - * Infrastructure.
 - * Repositories.
 - * Policies.
- * Support.
 - * Workshops.
 - * Training.
 - * Facilitators.

NOAD Change in the Czech Republic

- * Technical University of Ostrava VŠB-TUO
 - * Finishes with the OpenAIRE project end (2018-06)
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- * Masaryk University MUNI
 - * Joined the OpenAIRE Advance project 2018-03.

Main Focuses of the MUNI NOAD

- * WP3: NOADs Network Operation.
 - * Policies on OA/OS; research data management; legal guidelines for research organizations, national infrastructures.
- * WP4: Open Science Helpdesk: Support and Training.
 - * Training materials, training events (national workshops, ...).
- * Closer relations to the national e-Infrastructures.
 - * EOSC-hub / OpenAIRE cooperation.
 - * EOSC-hub ~ storage, compute, application services.
 - * OpenAIRE ~ research data management (RDM); publication services.

Questions?

Thank you!

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