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.
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.
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.
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**

- T5.2. 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.
* D6.3 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

* T9.3. Information space operation: content collection and harmonization.
* T9.4. Information space operation: content curation and quality.
* T9.5. Software lifecycle.
* T9.6. Infrastructure policies.

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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