



# Croatian Open Science Cloud Initiative (HR-OOZ Initiative)

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# EOSC Vision

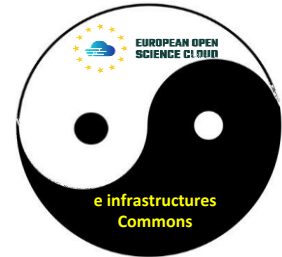


**EUROPEAN OPEN  
SCIENCE CLOUD**

*“We are creating a European Open Science Cloud now. It is a trusted space for researchers to store their data and to access data from researchers from all other disciplines. We will create a pool of interlinked information, a ‘web of research data’. Every researcher will be able to better use not only their own data, but also those of others”*

***Ursula von der Leyen, President of the European Commission***

- Key aspects:
  - Open Science and FAIR data
  - Alliance of existing and planned infrastructures
  - Collaboration between different disciplines and countries
- The National Open Science Cloud is significant on two levels:
  - **National** – brings together all significant stakeholders and resources
  - **International** - optimizes and coordinates the participation of organizations in initiatives such as EOSC, EuroHPC, PRACE, EGI, etc.



Slika 2. Karel Luyben: Next steps towards EOSC, GB Meeting 11 Sep 2019

# Open Science

## Definition (MoU, HR-OOZ Initiative):

*„A modern, collaborative and publicly open transparent research process aimed at the rapid use of results in the economy and society in general; such a process relies on digital tools and services, i.e. the possibilities of information and communication technology, and is recognizable by the openness and FAIR principles in accessing research data.”*

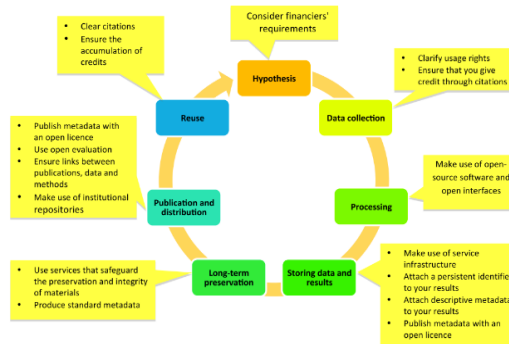
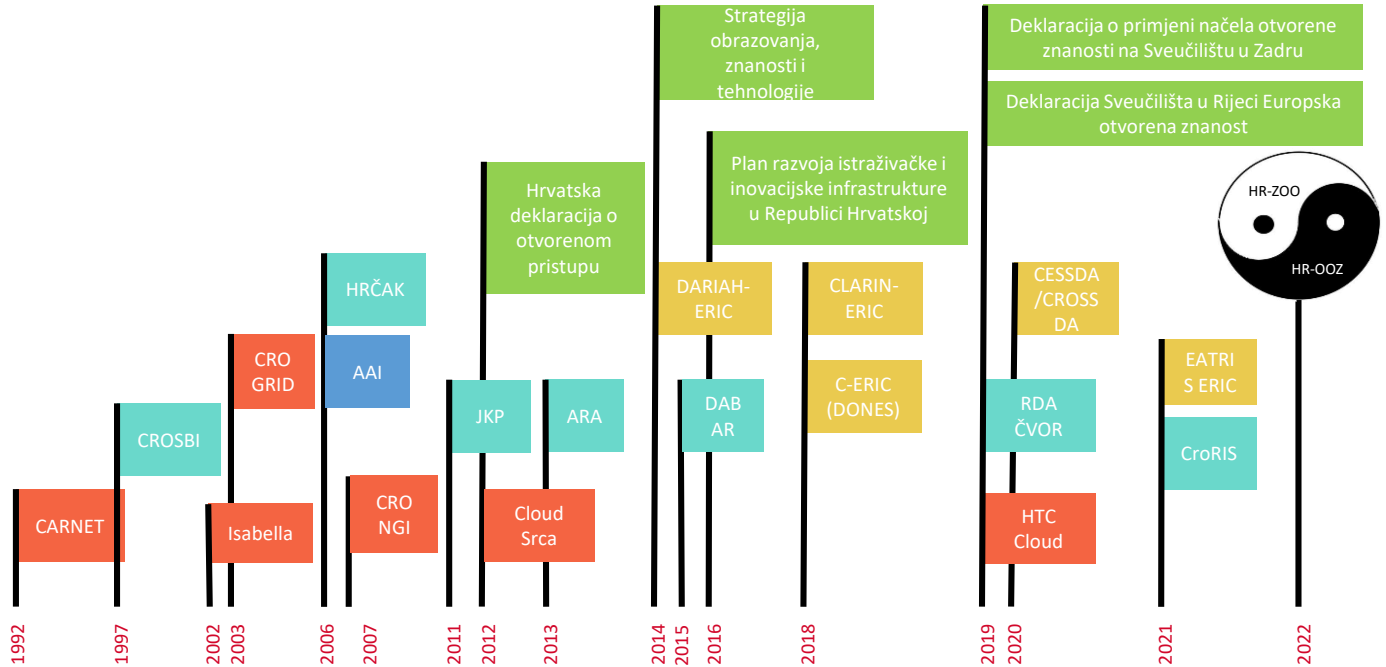


Figure 1 Openness in different stages of research process. Reference: *Open Science and Research*, 2014.

# Chronology



# Croatian Open Science Cloud

- Use and connect the existing national elements of open science for the development of HR-OOZ and connect them with the European / international network
- Ensure that there is **a national plan for the development of research infrastructure** (including e-infrastructure)
- Develop and maintain national cooperation and bring together all relevant stakeholders :
  - horizontal: joint projects for the development of new infrastructures, services and resources
  - vertical: joint projects for building data standards, catalog of services, joint application for large (scientific) and challenging projects
- Ensure funding and sustainability of research infrastructures (including e-infrastructure)

# Croatian Open Science Cloud Initiative



Handing over ceremony of the MoU for members of the HR-OOZ Initiative on September 3rd 2021

# HR-ZOO Initiative – Initial members

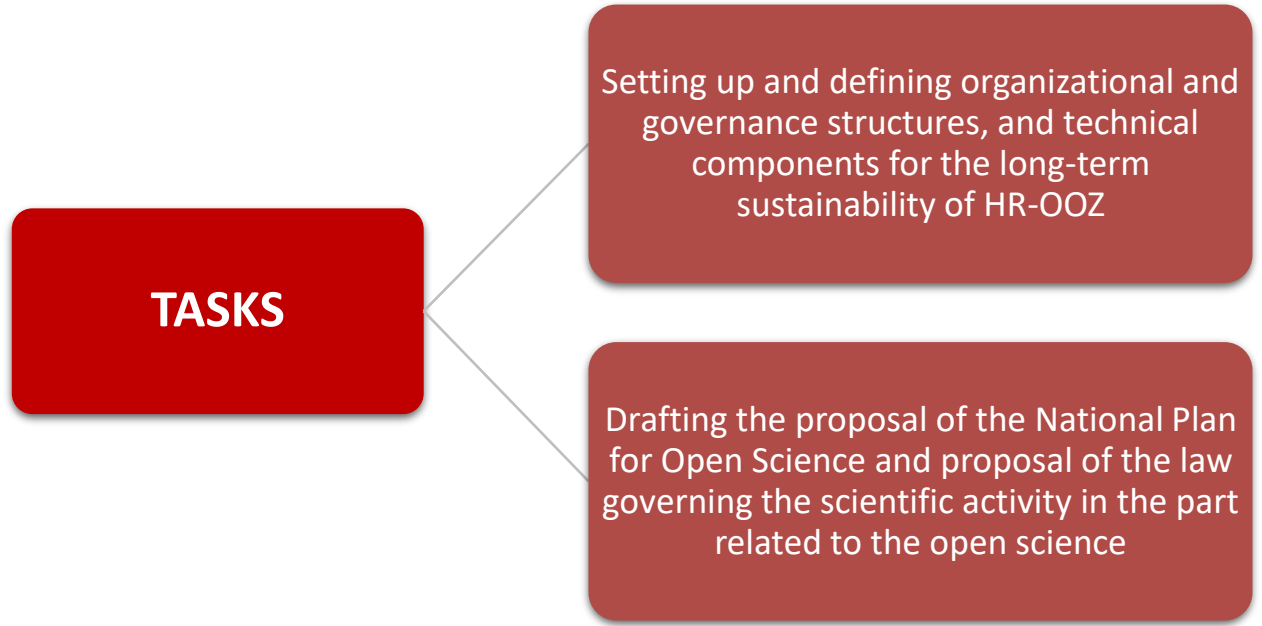


# Signatories of the MoU – Initial setup

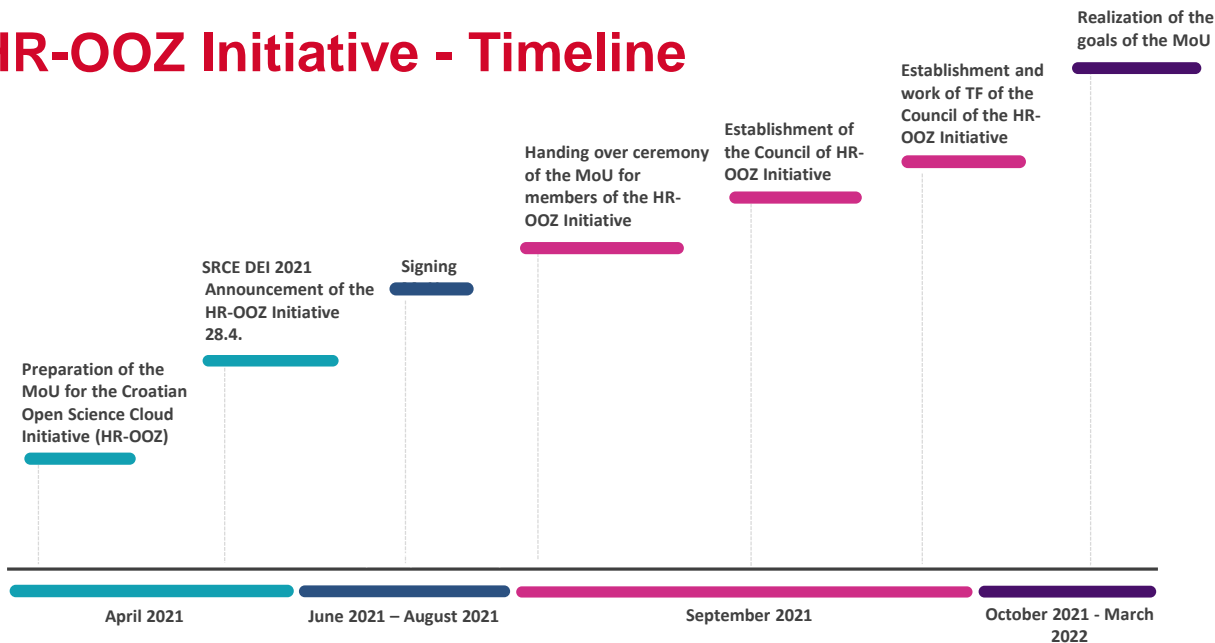
- Ministry of Science and Education of the Republic of Croatia
- Croatian Science Foundation
- National and University Library in Zagreb
- Croatian representatives of European Research Infrastructure Consortiums (ERICs):
  - the Institute of Ethnology and Folklore Research - the national coordinating institution for DARIAH-HR consortium
  - University of Zagreb, Faculty of Humanities and Social Sciences - as the national coordinating institution for the consortium HR-CLARIN and the Croatian Social Science Data Archive CROSSDA, the public research data service and the national service provider for the CESSDA ERIC consortium
  - Ruđer Bošković Institute – the national OpenAIRE NOAD and the national coordinating institution for the CERIC-ERIC consortium
  - University of Zagreb, School of Medicine - the national coordinating institution for EATRIS consortium
- University of Zagreb, University Computing Centre SRCE, national e-infrastructure service provider and Croatian national RDA node
- All Croatian public universities:
  - Josip Juraj Strossmayer University of Osijek
  - Juraj Dobrila University of Pula
  - University North;
  - University of Dubrovnik;
  - University of Rijeka;
  - University of Slavonski Brod;
  - University of Split;
  - University of Zadar;
  - University of Zagreb
  - University of Zagreb, Faculty of Electrical Engineering and Computing;



# HR-OOZ Initiative - Tasks



# HR-OOZ Initiative - Timeline



# HR-OOZ Initiative - Structure

## HR-OOZ Initiative

stakeholders in the Croatian science and higher education system who are working together to achieve goals related to open science in Croatia

## The Council of the HR-OOZ Initiative

the coordinating body that manages the Initiative which is composed of all signatories of the MuO

## Task Forces

achieving individual goals or groups of goals of the Initiative

Administrative support to the Council and HR-OOZ Initiative is provided by

**SRCE** - <http://www.srce.hr/hr-ooz>

# 1<sup>st</sup> meeting of the HR-ZOO Council

- 3<sup>rd</sup> Sep 2021 (MSE)
- Next meetings: Dec 2021, Mar 2022, Jun 2022
- Decisions and Actions:
  - HR-ZOO Council ToR approved
  - President (Ivan Marić, SRCE) and two vice-presidents (Dr. David M. Smith, IRB & Assoc. Prof. Dr. Irena K. Martinović, HRZZ) were elected
  - The Criteria for accession of the new members approved
  - Approval for set up of 2 Task Forces:
    - TF for drafting the proposal of the national plan and policies for open science
    - TF for defining the structure and principles of HR-OOZ (nomination of individual members till September 10th)

# HR-OOZ Initiative - Task Forces

## TF for drafting the proposal of the national plan and policies for open science

### Tasks

- Proposal of national open science plan
- Proposal for provisions related to open science for the new law governing scientific activities
- Open science policy template for the science and higher education institutions which can be used or adopted by institution needs

### Activities

- Mapping OS activities, initiatives, projects, stakeholders and services in Croatia
- Gathering information about national plans and laws about OS
- Developing proposal of national plan for OS
- Tracking adoption of OS policies

## TF for defining the structure and principles of HR-OOZ

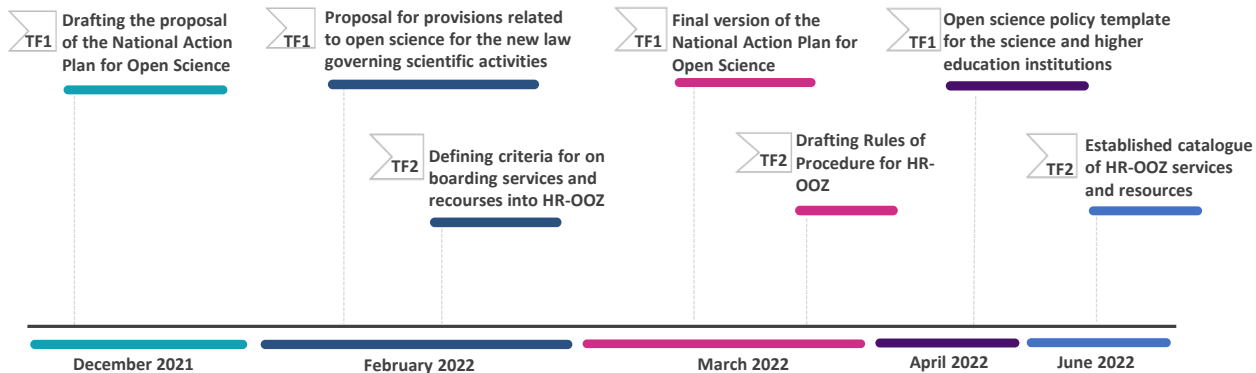
### Tasks

- Defining sustainable organizational and management structure
- Defining principles and criteria for on boarding services and recourses into HR-OOZ
- Establishing catalogue of HR-OOZ services and resources

### Activities

- Drafting Rules of Procedure for HR-OOZ
- Defining elements of catalogue for HR-OOZ services and resources
- Developing Terms of Use template for services and resources in HR-OOZ

# HR-OOZ Initiative Task Forces - Timeline



# Thank you!

<https://www.srce.unizg.hr/hr-ooz>

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[www.srce.unizg.hr/en](http://www.srce.unizg.hr/en)

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