



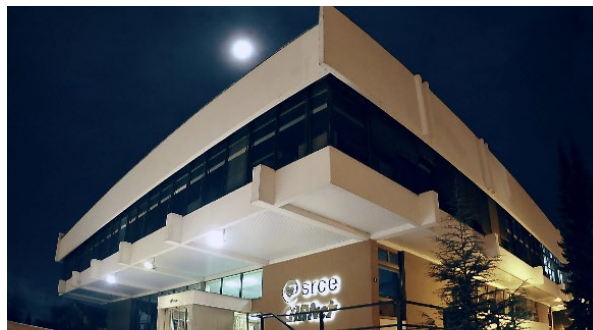
University of Zagreb University Computing Centre - SRCE

Vlatko Grabovica,
Cooperation and Communication Department

29 May 2026



University Computing Centre - SRCE



Organisation

~ 180 employees
11 organizational units
3 locations



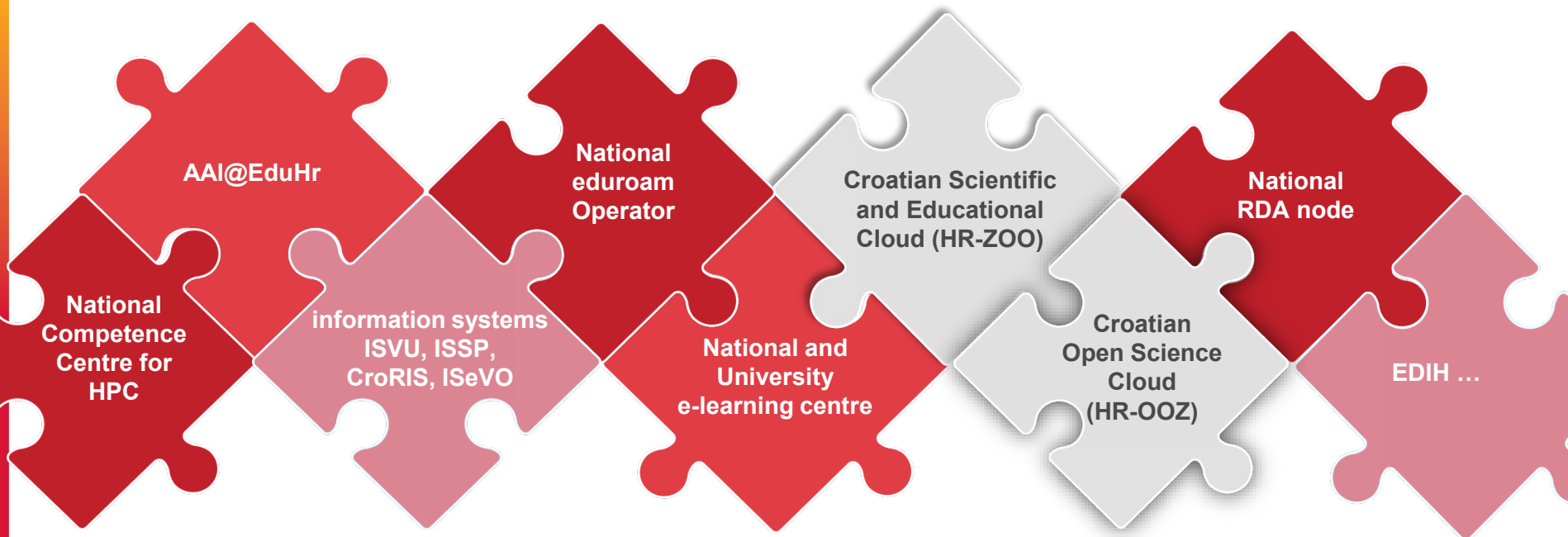
Builds and operates national e-infrastructure and digital services
30 public services for the needs of the academic and scientific community in Croatia



Supports digital transformation of education, research and business
Promotes Open Science and Open Education



SRCE & e-infrastructure





IT AND INFORMATION SERVICES TO USERS

INFORMATION SYSTEMS AND SERVICES

(collaboration and groupware systems, information systems, Internet applications, public registries, CRIS systems, library systems, e-learning platforms, ERP, CRM, DMS...)

DATA LAYER

(digital archives, digital repositories, data collections, portals, ...)

MIDDLEWARE LAYER

(authentication and authorization systems, monitoring, security, accounting...)

COMPUTING SYSTEMS AND STORAGE RESOURCES

(physical or virtual servers, clusters, IaaS, HPC / HTC systems, supercomputers, data storage, backup systems, ...)

DATA CENTERS

(national and university data centers, computer rooms, ...)

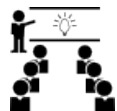
NETWORKS AND NETWORKING SERVICES

(international and national networks, MAN, LAN, WLAN, ...)

TEAMS OF PROFESSIONALS TO DEVELOP, MAINTAIN AND SUPPORT
USAGE OF E-INFRASTRUCTURE

ORGANIZATIONAL AND GOVERNANCE FRAMEWORK OF E-INFRASTRUCTURE

IT AND INFORMATION SERVICES TO USERS





SRCE's Service Catalogue



Computing and networking

Access to computer resources for demanding calculations.
Infrastructure for higher education and science.



Trust and identity

Ensuring safe, reliable and efficient electronic identity management.



Data, repositories and open science

Storage and open sharing of data and other results of operations in science and higher education.



Administration and business

Development and maintenance of information systems important for the work of institutions from the system of higher education and science.



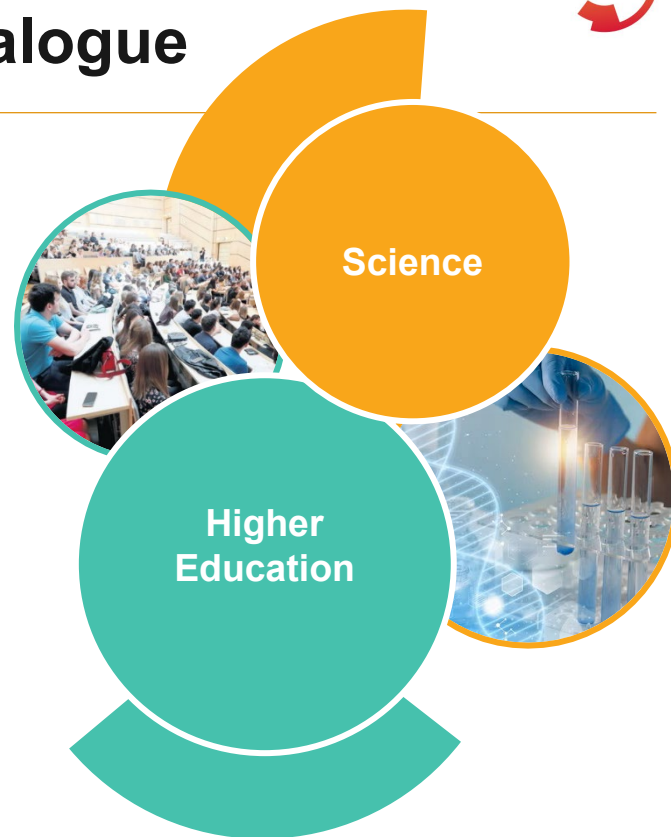
Digital education

Development of digital competences and provision of support to institutions, teachers and students for the application of e-learning technologies and tools.



Digital tools

Tools that enable or facilitate the performance of tasks in a digital environment.





SRCE for Research and Open Science



AAI@EduHr



CroRIS CROATIAN RESEARCH INFORMATION SYSTEM

DATA, REPOSITORY AND OPEN SCIENCE

Dabar | Hrčak | Puh
Support to Open Science



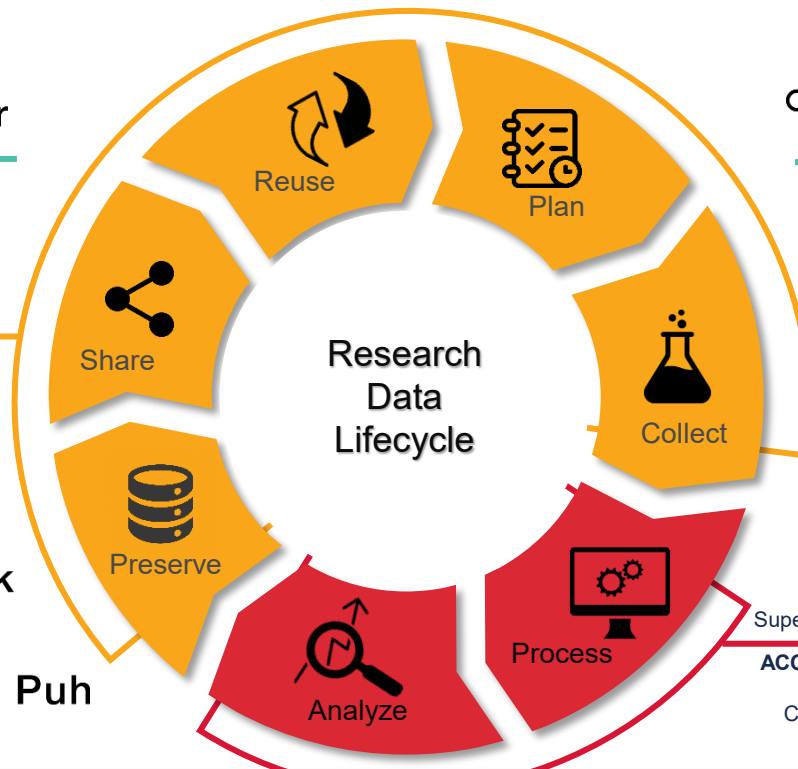
Dabar



Hrčak



Puh



ADVANCED COMPUTING

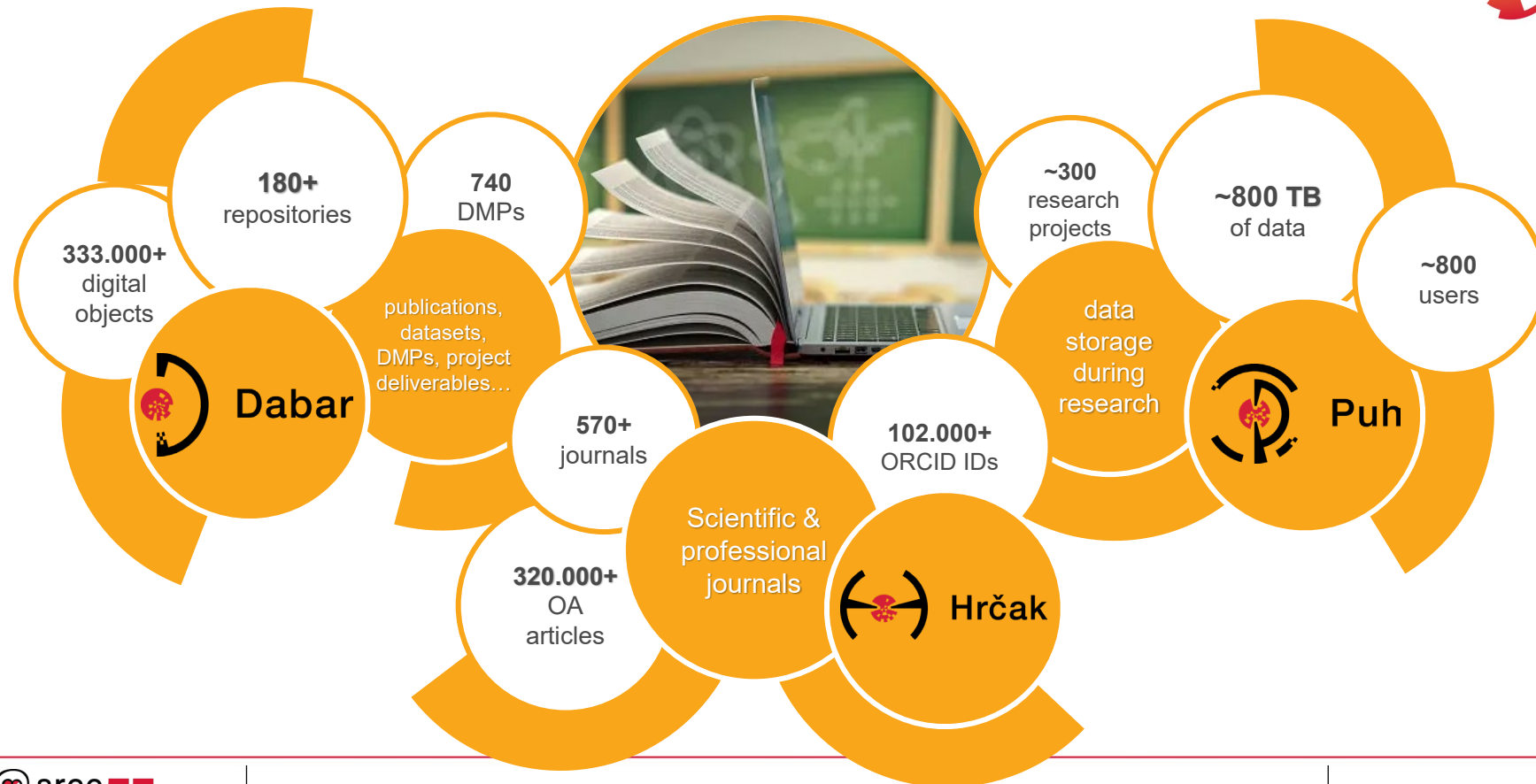
Supercomputer Supek | resource Vrančić

ACQUIRING HPC COMPETENCE AND CONSULTING

Croatian Competence Center for HPC

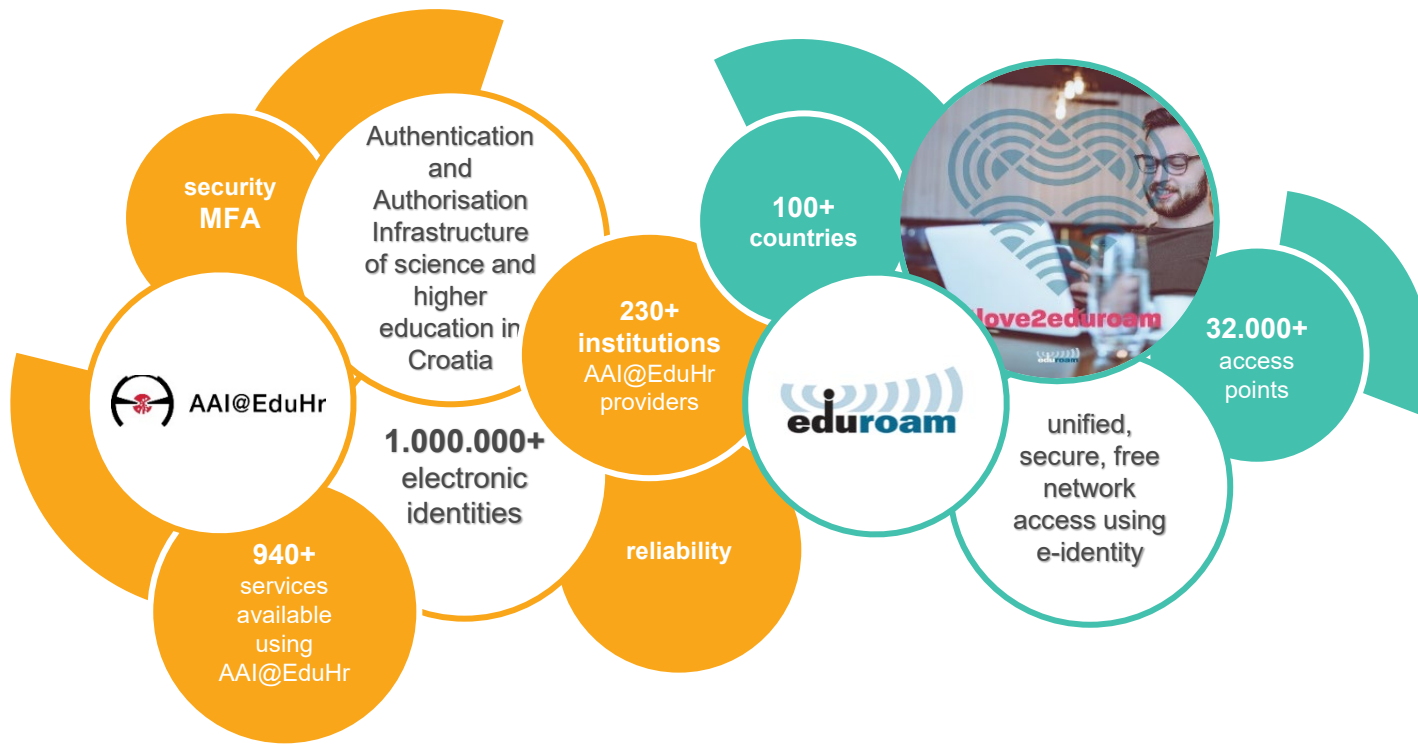
Education and specialized support in the use of digital resources and services

Data infrastructure and services





Trust and identity





Informational infrastructure and services

Croatian Research Information System (CroRIS)





Podatkovni centar u Zagrebu HR-ZOO ZG2
📍 Sveučilište u Zagrebu, Znanstveno-učilišni kampus Borongaj



Podatkovni centar u Zagrebu HR-ZOO ZG1
📍 Sveučilišni računski centar Sveučilišta u Zagrebu



Podatkovni centar u Osijeku HR-ZOO OS
📍 Sveučilište J. J. Strossmayera u Osijeku, Sveučilišni kampus Osijek



Podatkovni centar u Rijeci HR-ZOO RI
📍 Sveučilište u Rijeci, Sveučilišni kampus Trsat

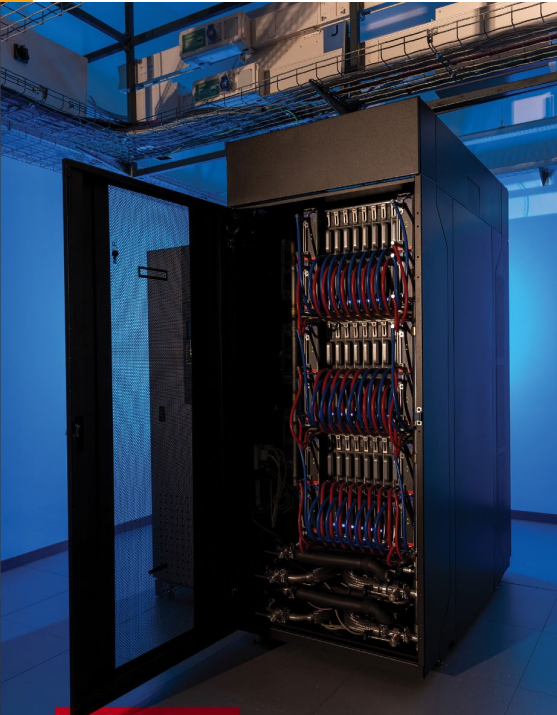


Podatkovni centar u Splitu HR-ZOO ST
📍 Sveučilište u Splitu, Sveučilišni kampus Visoka

SRCE's data centres

- modern facilities for hosting computing and storage resources at the universities in Osijek, Rijeka, Split and Zagreb
- a network of 5 data centres connected by a broadband network with a transmission capacity of 100 Gbit/s
- through CARNET-GÉANT national e-infrastructure is connected worldwide

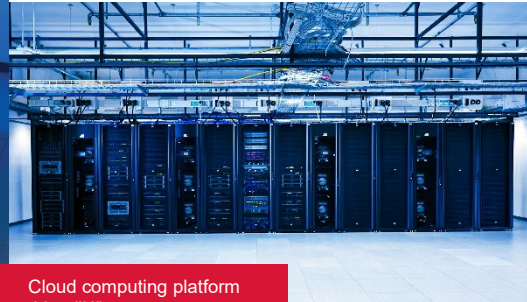
Computing infrastructure and resources



ADVANCED
COMPUTING

Supercomputer
„Supek”

Superračunalo „Supek”



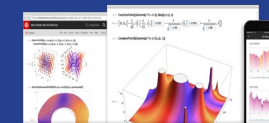
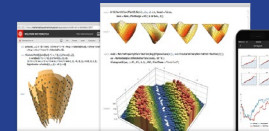
Cloud computing platform
„Vrančić”



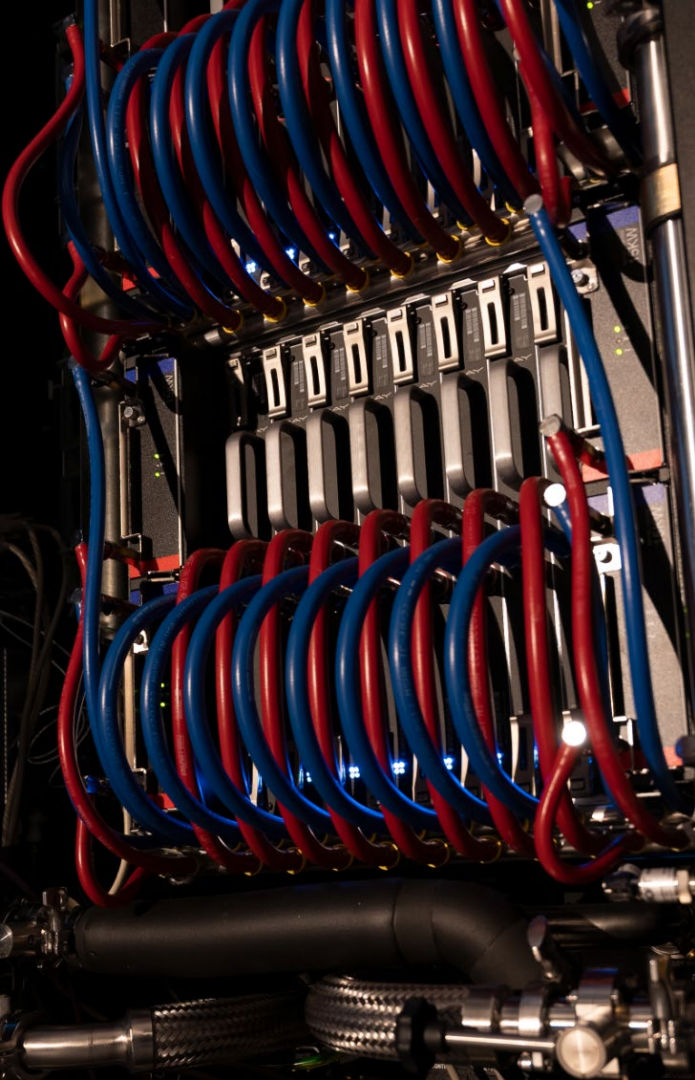
Technical data
„Štampar”

VIRTUAL
DATA
CENTERS
(VDC)

Scientific software



SPECIALISED
SUPPORT



Supercomputer „Supek”



„Vrančić”



„Štampar”

National Centre for E-learning in Higher Education



Supporting
digital
education

... is a key stakeholder in the process of digital transformation of the higher education system

... provides infrastructure, support and training to users



Objectives:

to support higher education teachers, students, institutions in implementation of e-learning in educational process

to provide and maintain reliable and generally accessible HE platform for e-learning

to train and educate teachers in digital competences

to promote and foster implementation of e-learning



SRCE's educational programmes





SRCE & EU projects



HORIZON EUROPE



DIGITAL EUROPE PROGRAMME



Connecting Europe Facility
Investing in Europe's growth



ERASMUS+

SRCE contributes to the development of the European Research Area and the European Higher Education Area



CROSCI

EURO²

CROBOHUB++

eOSC

CRAFT-OA

BEYOND

eOSC



UNIC

eOSC

DATA COMMONS



IDEAL-IST

GÉANT



SRCE & Memberships



MEMBERSHIPS
as a national representative SRCE represents Croatian interests and commitments in international bodies and organizations





COOPERATION



COMMUNICATION



srce



Thank you!

office@srce.hr



This material is available under the Creative Commons License *Attribution* 4.0 International.

According to the Open Access Policy, SRCE ensures that all research data made by SRCE is accessible and free to use by the general public, especially educational and professional information and content derived from the actions and work of SRCE.

www.srce.unizg.hr/en

creativecommons.org/licenses/by/4.0/deed.en

