National Initiatives for Open Science in Europe

Национални инициативи за отворена наука в Европа

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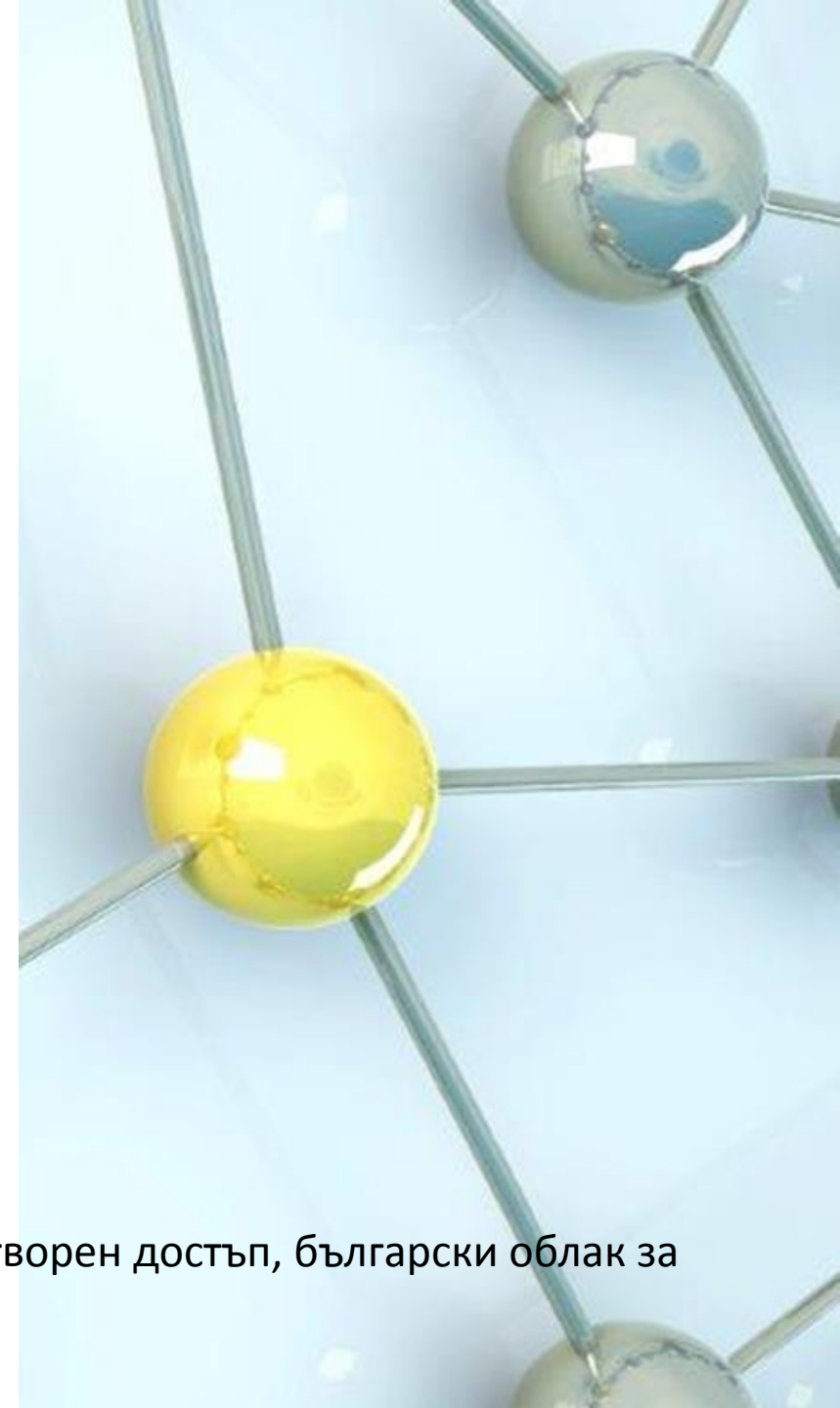
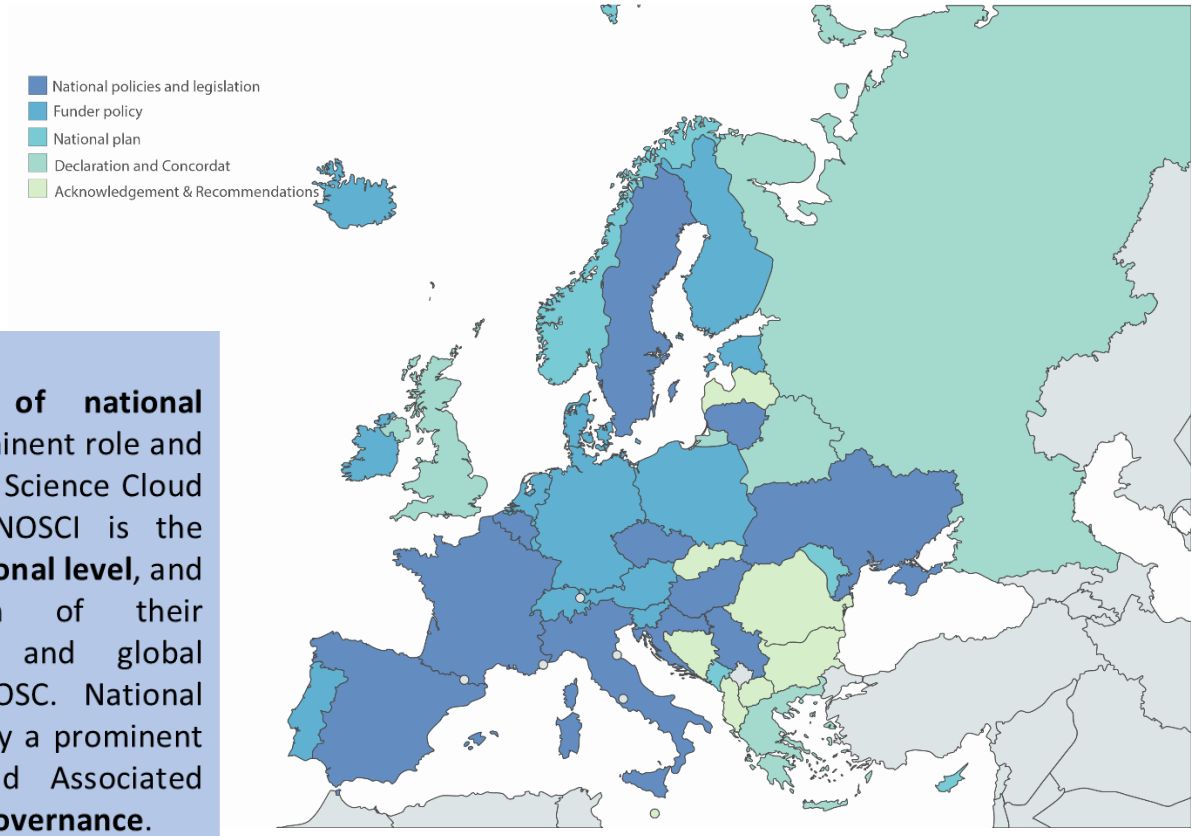
12-ти Национален информационен ден “Отворена наука, отворени данни,отворен достъп, български облак за отворена наука“, 23 септември 2021



Национални инициативи за отворена наука (НИОН): Дефиниция

НИОН е коалиция от национални организации, които имат видна роля и интерес към Европейския облак на отворената наука (EOSC). Основната цел на НИОНе насърчаването на синергии на национално ниво и оптимизирането / артикулирането на тяхното участие към европейските и глобални предизвикателства в тази област на OSC. Предвижда се националните инициативи да играят видна роля в държавите-членки и асоциираните държави и да улесняват управлението на EOSC.

A NOSCI is a **coalition of national organisations** that have a prominent role and interest in the European Open Science Cloud (EOSC). The main aim of NOSCI is the **promotion of synergies at national level**, and the optimization/articulation of their participation to European and global challenges in this field of OSC. National Initiatives are envisaged to play a prominent role in Member States and Associated Countries and **facilitate EOSC governance**.

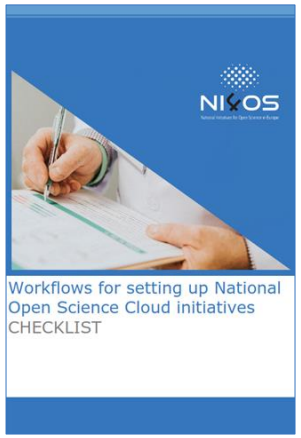


D2.2 National OSC initiatives models

Създаване на национални инициативи за отворена наука (НИОН). Цели

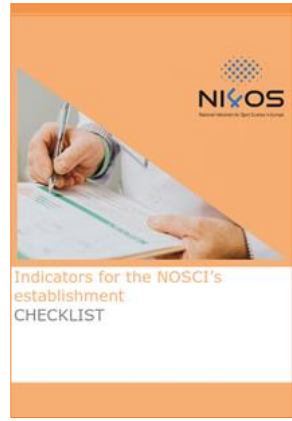
- НИОН: Да бъдат основен участник в портфолиото от услуги на European Open Science Cloud (EOSC), да се ангажират с управлението на EOSC и да осигуряват приобщаване на националните общности към европейско ниво, за постигане на глобална отворена наука
  - *Подпомагане изграждането на капацитет на EOSC във всички държави членки на ЕС*
  - *Обединяване на OSC общности на национално ниво, за споделяне на своите практики*
  - *Организирайте срещи, за да развиете диалога и да осигурите подкрепа по въпроси, свързани с EOSC*
  - *Установяване на комуникация с други инфраструктурни инициативи и мрежи (напр. GÉANT, RDA и NOAD nodes)*
  - *Трансформиране на научни резултати в лесни за използване инструменти*

Подкрепа при създаване на НИОН: петстепенна методология



Комуникация/ ангажираност на съответни държавни служители

Полагане усилия НИОН да стане разпознаваема организация



1 Покана на заинтересовани страни или рестартиране на съществуващи групи или дискусии

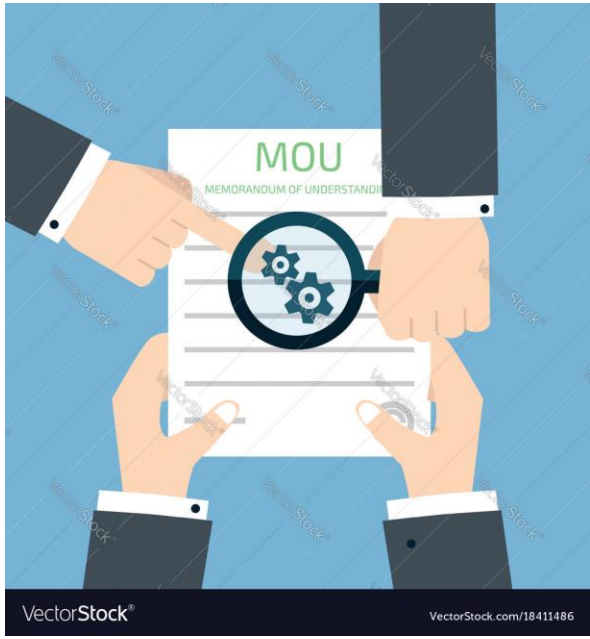
2 Дискусии как да функционира NOSCI и подготовка на MoU

3 Разпространяване на ноу-хау. Споделяне знания в и извън консорциума

НИОН: Румъния

- Name of the initiative: **Romanian Open Science Cloud Initiative**
- Brand of the initiative: **RO-BOSCI**
- Website: **https://uefiscdi.gov.ro/ro-nosci**
- Contact email: **ro-nosci@uefiscdi.ro**
- Established on: **June 17th, 2021**
- Duration of the mandate: **Temporary, with possibility to renew**
- Governance structure of the initiative: RO-NOSCI is coordinated by 3 organizations, each one being in charge with one objective, as following:
  - National Institute for R&D in Informatics (ICI Bucharest);
  - "Horia Hulubei" National Institute for R&D in Physics and Nuclear Engineering (IFIN-HH);
  - Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI).
- **MoU was signed.**

- Consortium
- RO-NOSCI currently includes 20 members and 1 observer:
  - 11 universities from 7 large university centers: Bucharest, Cluj-Napoca, Iasi, Constanta, Craiova, Brasov and Galati;
  - 7 research organizations, including 6 national R&D institutes (in Informatics, Nuclear Physics, Marine Geology and Geo-ecology, Earth Physics, Chemical-Pharmaceutical, Industrial Ecology) and the Institute for Space Science;
  - one RDI funding organization – UEFISCDI;
  - Romanian Digitalization Authority;
  - one emergency clinical hospital.



НИОН : Хърватия

- Data established : **July 2021**
- The Croatian Open Science Cloud (locally **HR-OOZ**) Initiative
- Website: https://www.srce.unizg.hr/hr-ooz https://www.srce.unizg.hr/en/hr-ooz
- Contact email: hr-ooz@srce.hr
- Duration of the mandate: Permanent
- Members : 18 organizations signed MoU in July 2021
- member in the EOSC Association: SRCE

- Consortium:
  - Croatian Science Foundation
  - Institute of Ethnology and Folklore Research
  - Josip Juraj Strossmayer University of Osijek
  - Juraj Dobrila University of Pula
  - Ministry of Science and Education of the Republic of Croatia
  - National and University Library in Zagreb
  - Ruđer Bošković Institute
  - University North
  - University of Dubrovnik
  - University of Rijeka
  - University of Slavonski Brod
  - University of Split
  - University of Zadar
  - University of Zagreb
  - University of Zagreb University Computing Centre SRCE
  - University of Zagreb, Faculty of Electrical Engineering and Computing
  - University of Zagreb, Faculty of Humanities and Social Sciences
  - University of Zagreb School of Medicine

НИОН: Словения, Сърбия

SLOVENIAN OPEN SCIENCE COMMUNITY

- Data established : September 2021
- **Slovenian Open Science Community**
- Website: http://odprtaznanost.si/
- Contact emailinfo@odprtaznanost.si
- Duration of the mandate: Permanent
  - Members : University of Maribor Library, ARNES + 30 institutions and 25 national RI nodes/initiatives
- **Signed MoU in September 2021**
- **3 Slovenian EOSC Association members:**
  - ARNES
  - the University of Maribor (on behalf of the HPC RIVR consortium)
  - National Institute of Biology

Serbia

- Name: TONus - Team for Open Science in Serbia
- Website: http://open.ac.rs/
- Contact email: info@open.ac.rs
- Established on? : The Ministry officially formed TONuS as a task force in January, 2020, but the NOSCI has not been officially established)
- **A consortium:** Currently 15 research institutions are taking part.
- More active in EOSC Association:
  - 1 member of the Governance Board
  - 1 member of the EOSC Landscape Working Group
  - 1 member of the Architecture Working Group

НИОН: Гърция, Северна Македония

- **Name**: Hellenic Open Science Initiative
- **Brand:** 'EPAE/HOSI
- Established on: end of 2021
- Duration of the mandate: Aiming for Permanent
- Consortium:
  - Many of the organizations committed in the Greek NOSCI are currently members in the EOSC Association, specifically **ATHENA RC, GRNET, FORTH, JNP, NCSR DEMOKRITOS and OpenAIRE.**

- **Name**: National Open Science Cloud Initiative in North Macedonia
- **Brand:** NOSCI.MK
- Website: https://www.nosci.mk/
- Contact email: nosci@nosci.mk
- Established on: 15.03.2021
- Duration of the mandate: Aiming for Permanent
- Consortium **(**UKIM**,** SEEU, UKLO, UNITE, UGD, UIST, NUBSK, MANU**)**

НИОН: Кипър, Черна гора, Унгария

- Cyprus: Cyprus Open Science Initiative,
  - 1st meeting 15th June 2021, MoU
- Montenegro - National open science cloud initiative in Montenegro
  - **NIOON**, Estimated start on September 2021, MoU should be signed.
- Hungary
  - Name: Nyílt Tudományos Fórum (Open Science Forum), website:www.openscience.hu and https://kifu.gov.hu/ni4os/
  - Forum created on 28.05.2021, estimated to sign a MOU by the end of 2021

Инициативи/организации свързани с EOSC

- European /International
  - OpenAIRE
  - RDA
  - ESFRI
  - GAIA-X
  - GO FAIR Implementation Network "Data Stewardship Competence Centers"
  - G6 EU Network
  - GOFAIR CO-OPERAS IN - FAIR Social Sciences and Humanities
  - International Network of Open Science Communities
- National
  - Italian Computing and Data Infrastructure
  - National RDM Network Denmark
  - EOSC Finnish Forum
  - Coordination Austrian EOSC M.O.
  - French Committee for Open science /the Skills and Training College
  - Open Science Community Sweden
  - Norwegian National forum for open science
  - Dutch National Open Science Programme

Проекти свързани с EOSC по Хоризонт2020

- EOSC-Pillar
- EOSC-Future
- FAIRsFAIR
- EOSC-Nordic
- EOSC-Synergy
- Ni4OS Europe
- EOSCsecretariat.eu
- SoBigData++
- TRIPLE
- BlueCloud

- 4CH, Competence Centre for the Conservation of Cultural Heritage
- EuroCC
- EOSC-Life Cluster
- ENVRI-FAIR Cluster
- PaNOSC Cluster
- ESCAPE Cluster
- SSHOC Cluster
- LAPSI (Legal Aspects of Public Sector Information)
- Open Science Link

- UNITE.H2020 (Planning the Future of Research & Innovation in the European University Alliance UNITE!, with a strong focus on Open Science and Innovation)
- DIOSI - Developing and Implementing hands-on training on Open Science and Open Innovation for Early Career Researchers
- RELIANCE (on of the INFRAEOSC-07-2020 projects)
- ISPAS (H2020_SwafS-08-2019-2020) Paths to successful innovation [PhD training on OS]
- EGI-ACE (2021 - 2023): H2020 Project on Advanced Computing for the European Open Science Cloud
- DICE - DATA INFRASTRUCTURE CAPACITY FOR EOSC
- C-SCALE - making Copernicus data, tools, resources and services easier to discover, access and share.
- Openaire- Nexus

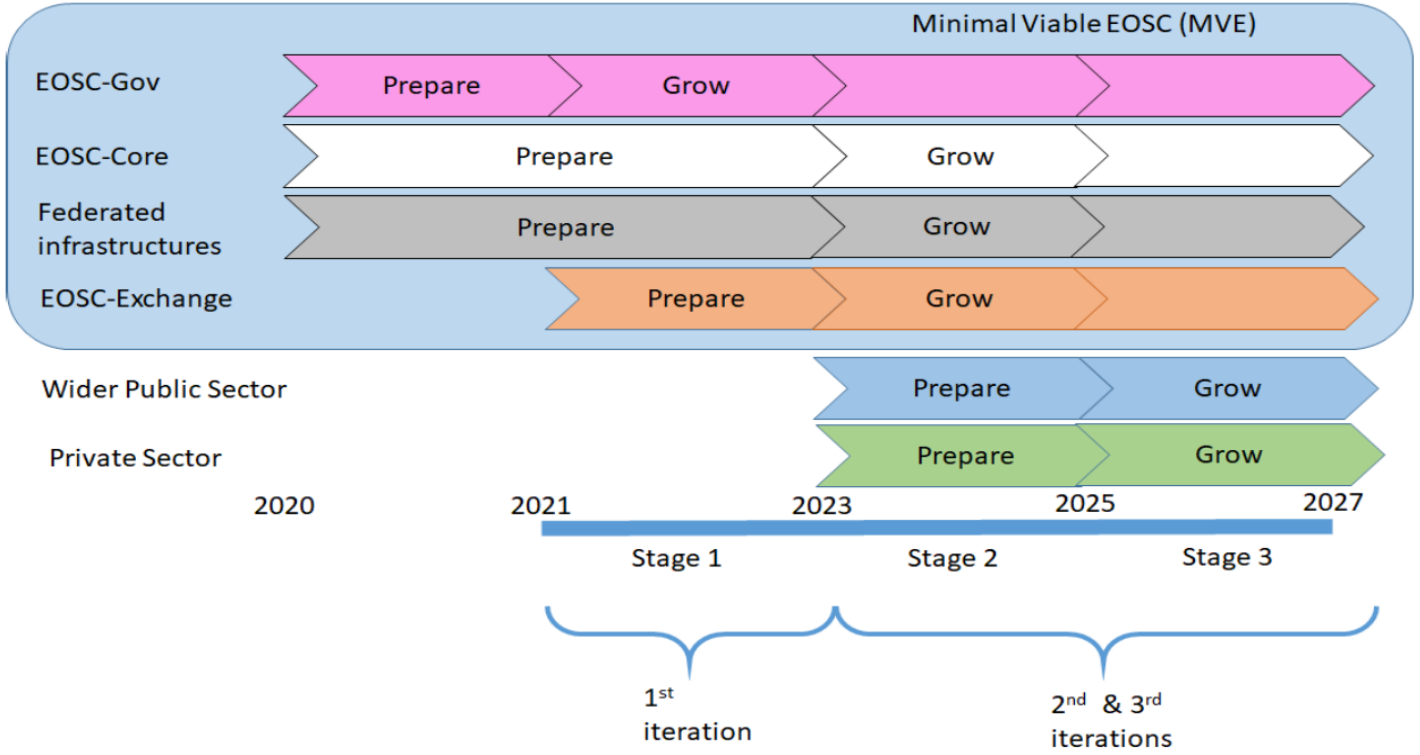
Newly created Task Forces of the EOSC Association

- **Advisory Group - Implementation of EOSC**
  - TF PID Policy and Implementation
  - TF Researcher Engagement and Adoption
  - TF Rules of Participation Compliance Monitoring
- **Advisory Group - Technical Challenges on EOSC**
  - TF AAI Architecture
  - TF Infrastructure for Quality Research Software
  - **TF Technical Interoperability of Data and Services (Техническа оперативна съвместимост на данните и услугите)**
- **Advisory Group - Metadata and Data Quality**
  - TF FAIR Metrics and Data Quality
  - TF Semantic Interoperability
- **Advisory Group - Research Careers and Curricula**
  - TF Data Stewardship Curricula and Career Paths
  - TF Research Careers, Recognition, and Credit
  - TF Upskilling Countries to Engage in EOSC
- **Advisory Group - Sustaining EOSC**
  - TF Defining Funding Models for EOSC
  - TF Long-Term Data Preservation

Бъдещето на EOSC в Хоризонт Европа (2021-2027)

Strategic Research and Innovation Agenda (SRIA) of the European Open Science Cloud (EOSC), V 1.0, 15 Feb 2021

Документът е подготвен от Изпълнителния борд на EOSC [EOSC EB] с помощта на EOSCsecretariat.eu проекта



Благодаря за вниманието!