



Co-funded by the
Erasmus+ Programme
of the European Union

 OPTIMA

Open Practices, Transparency &
Integrity for Modern Academia

Erasmus+ KA2 Project

Introduction to OPTIMA

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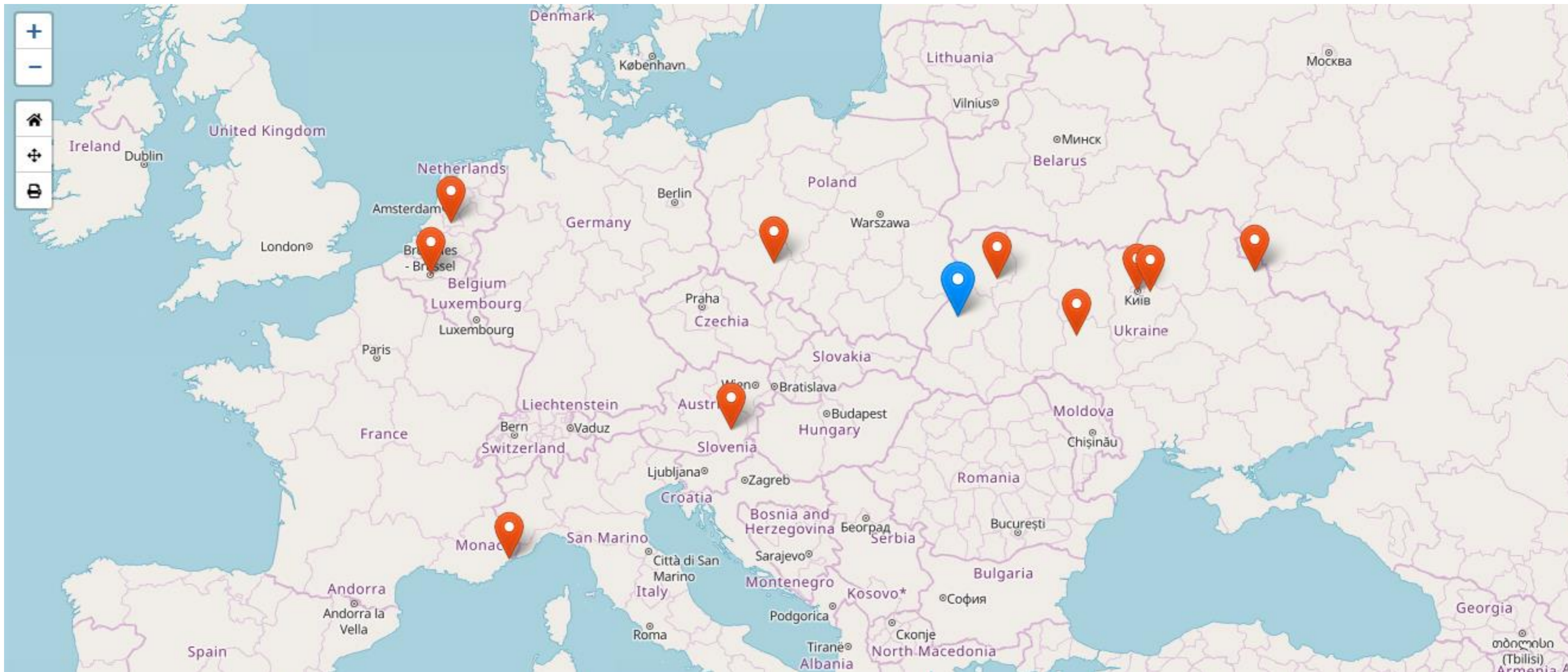
Quick Facts about OPTIMA

- **Start:** 15-01-2021 – **End:** 14-01-2024
- **EU Grant:** 938664 EUR
- **Programme:** Erasmus+
- **Key Action:** Cooperation for innovation and the exchange of good practices > Capacity building in higher education
- **Coordinator:** Lviv Polytechnic National University (Ukraine)

OPTIMA Consortium

Program Countries: 3 HEIs and 2 International NGOs

Partner Country (Ukraine): 4 HEIs, Governmental Agency & Research Center



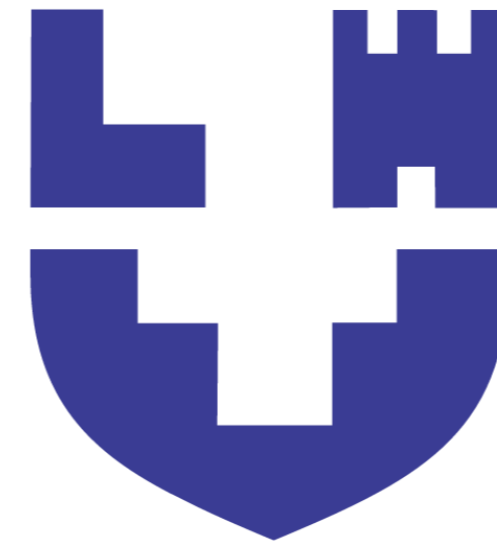
OPTIMA Consortium: Program Countries



Politechnika
Wroclawska



OPTIMA Consortium: Ukraine



НАЦІОНАЛЬНЕ
АГЕНТСТВО
ІЗ ЗАБЕЗПЕЧЕННЯ
ЯКОСТІ ВИЩОЇ ОСВІТИ



OPTIMA Consortium: Associated Partners



UNICHECK

**Council of Rectors of
Displaced Universities**



**Centre for innovation and sustainability
for international development**

Original project idea

The original idea of this project was coined by Dr. Oleksandr Berezko (LPU) during his volunteer work as a member of the administration of Eurodoc, NGO known for its active OS advocacy.

The idea was discussed during the 9th International Youth Science Forum "Litteris et Artibus" in Lviv in November 2019 by representatives of LPU, Vasyl' Stud DonNU, SumDU, TU GRAZ, EIFL and Eurodoc.



The Problem

- **Inefficient quality assurance and low level of internationalization of the higher education system**
- **Displaced higher education institutions**
- **Lack of recognition for values of academic integrity**
- **Widespread practices of academic misconduct and plagiarism, their high support within academic community**
- **Systemic problem which limits the capacity for tangible progress in education quality**

The Solution

- Integrity is based on the fundamental principle of transparency, which is one of the main ethical principles in education and research
- Transparency is celebrated as the most important principle alongside integrity in scientific and educational communities
- Transparency and openness are the key ingredients to build and spread integrity culture based on trust
- Transparency is also at the core of Open Science

Part of the Vision of Europe

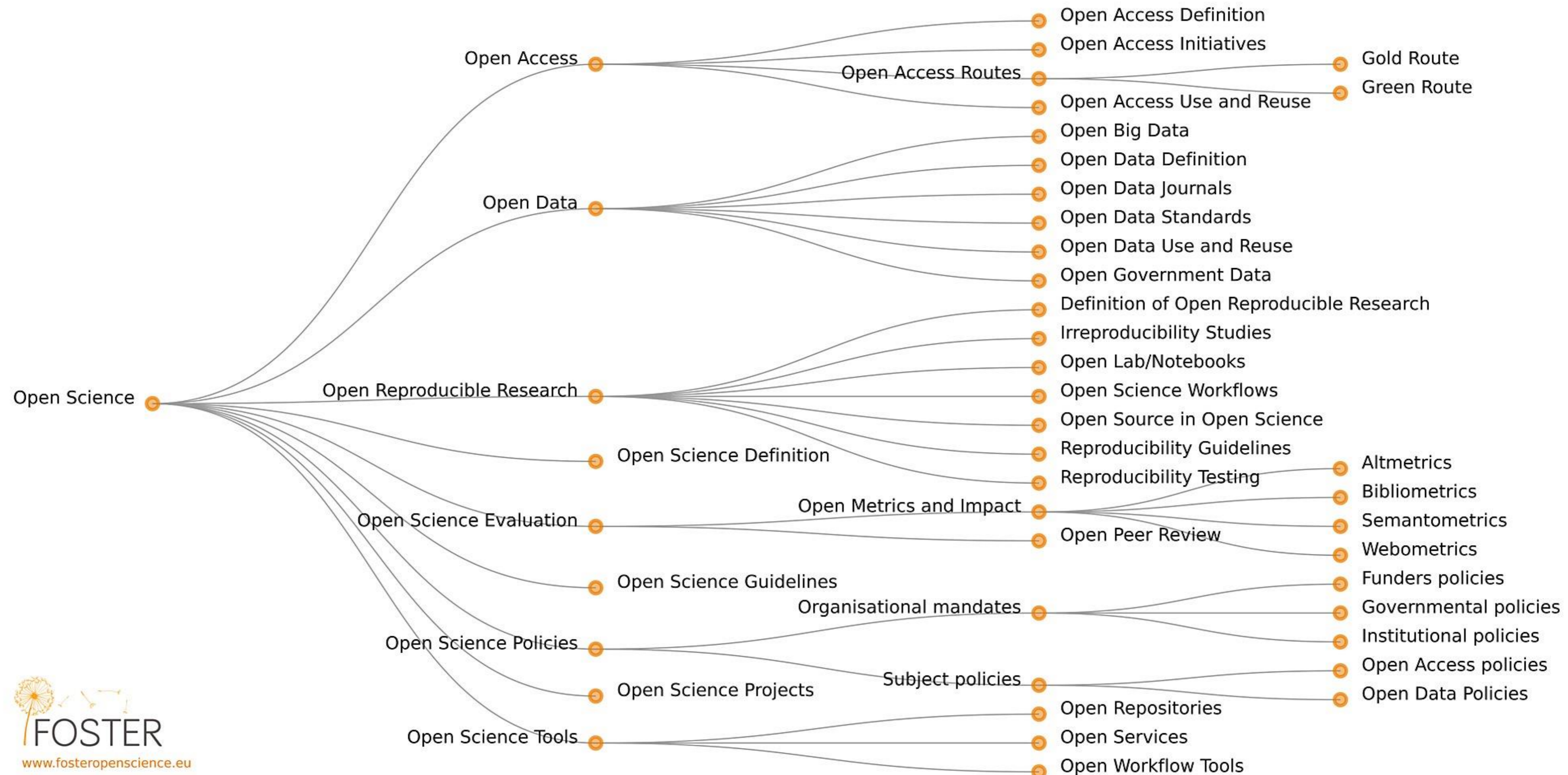


OS is a policy priority for the European Commission and the standard method of working under its research and innovation funding programmes.

The European Commission requires beneficiaries of research and innovation funding to make their publications available in OA and make their data as open as possible. Furthermore, the **European Open Science Cloud** will enable researchers across disciplines and countries to store, curate and share data.

Open Science – an umbrella term

Open Science Taxonomy



Surveys on awareness of and attitudes towards OS in Ukraine

from 11.06 till 11.12 2018
(**1037** respondents)

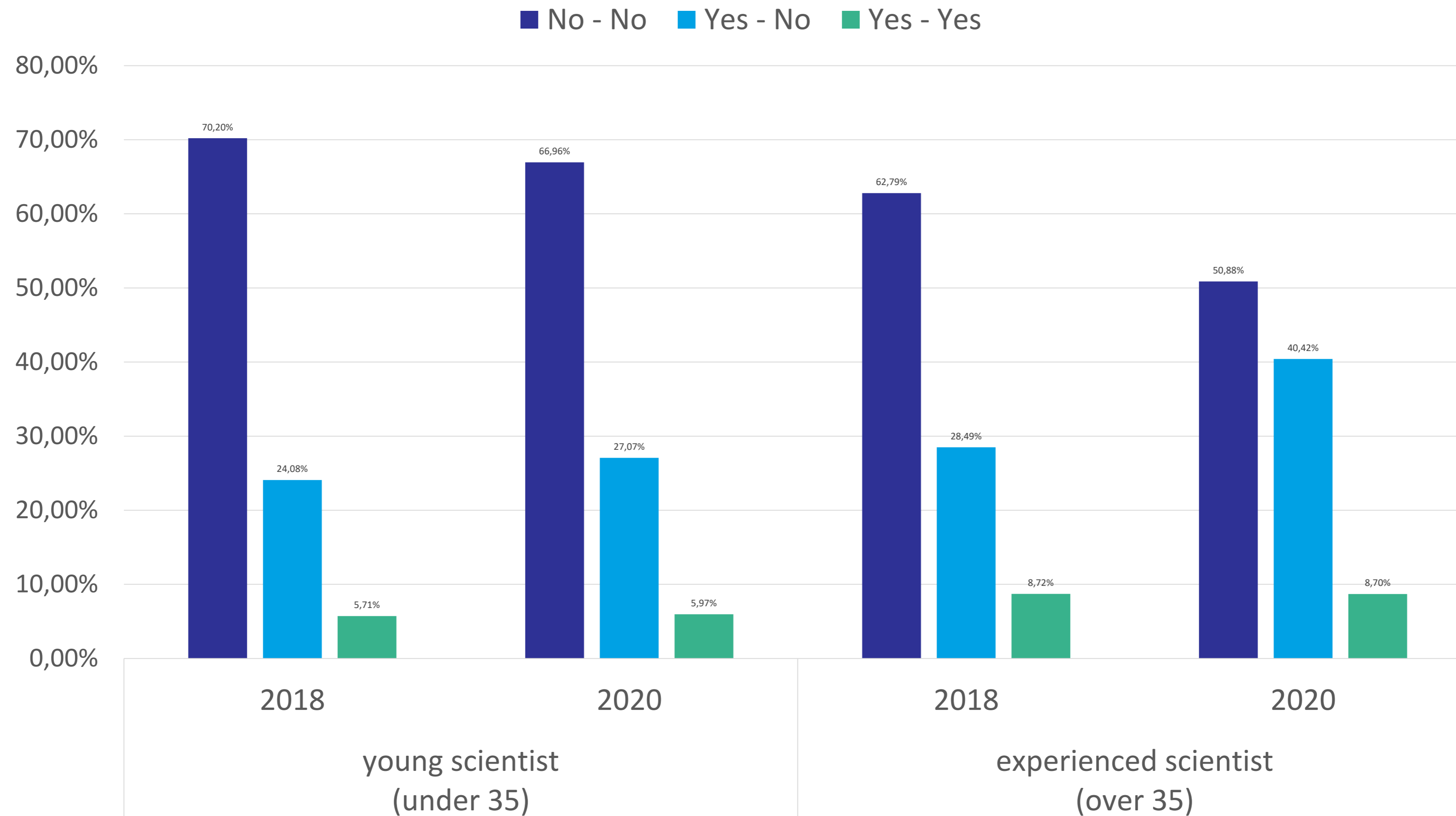
from 24.03 till 24.04 2020
(**3704** respondents)



МІНІСТЕРСТВО
ОСВІТИ І НАУКИ
УКРАЇНИ



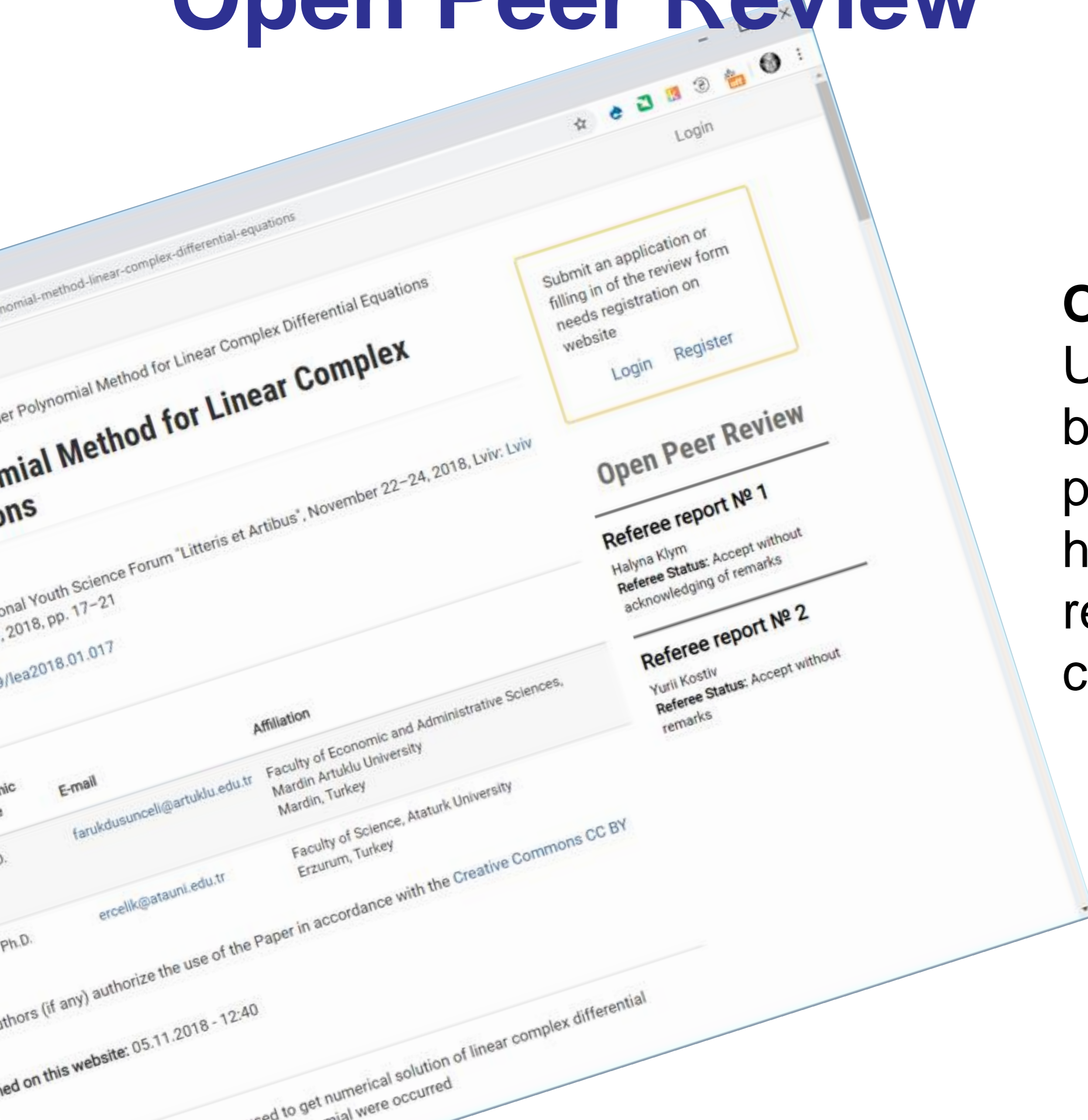
Awareness of OS and participation in open research practices



The Strategy

- 1. introduction of more open and transparent practices leading to**
- 2. increased academic integrity leading to**
- 3. improved education quality**

Open Peer Review

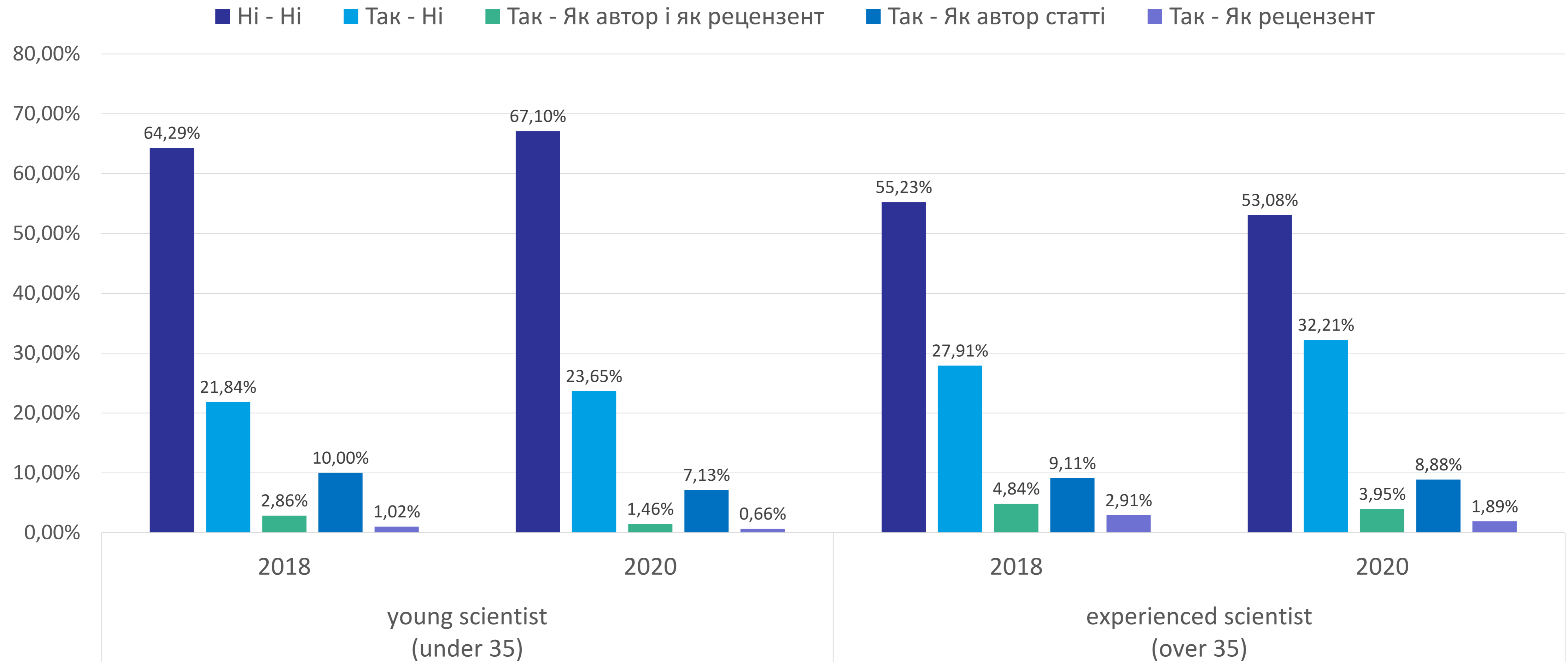


Open Peer Review has the biggest potential in Ukraine among Open Science practices as it brings transparency to the already familiar practice of academic evaluation and provides hands-on learning opportunities for early career researchers, helping to build new skills under collective mentorship of international experts.

The Plan

- **develop and implement an online Open Peer Review platform for academic conferences in Ukraine**
- **build an international virtual community of peer reviewers and researchers on the base of the OPR platform**
- **support at least 10 academic conferences for young researchers with the platform and the community**
- **develop and introduce general and subject-specific Open Science subjects in the partner HEIs**
- **develop and launch an open online course on Open Science for everyone interested**

Awareness of OPR and participation in it



Main obstacles of OPR Implementation in Ukraine

- **56,4%** lack of recognition for reviewers
- **52,8%** inertia of Ukrainian academic community
- **50%** lack of technology
- **35,3%** lack of info on OPR
- **33,4%** lack of reasons for OPR implementation for editors
- **20,7%** lack of support from authorities



1st Ukrainian Open Peer Review Service

The screenshot shows the homepage of the GeoTerrace Open Peer Review service. At the top, there is a navigation bar with the 'openreviewhub' logo and a 'Login' button. Below this is a large banner for the 'INTERNATIONAL CONFERENCE OF YOUNG PROFESSIONALS GEOTERRACE' held from 'DECEMBER 07-09, 2020'. The banner features a photograph of a conference session. To the left of the banner, there is a 'GeoTerrace Conference' logo and a 'Login' button. Below the banner, there is a section titled 'IMPORTANT DATES' with a calendar icon and the text 'December 07-09, 2020' and 'Lviv, Ukraine'. To the right of the banner, there is a text box stating 'Filling in of the registration form needs registration' and 'Due to the quarantine restrictions in Ukraine, pre-discussions within the Conference will take place form (using the Zoom platform). In order to take conference in the online form, you need to register [Online Hall e.](#)'

The screenshot shows an article page on the openreviewhub.org website. The article title is 'Quantum-mechanical survey of the novel conformational and tautomeric transformations of the classical Watson-Crick A-T(WC), reverse Watson-Crick A-T(rWC), Hoogsteen A-T(H) and reverse Hoogsteen A-T(rH) DNA base pairs'. The article is categorized under 'Chemistry & Chemical Technology'. The authors listed are Ol'ha Brovarets' and Kostiantyn Tsiupa, both with Sc.D. degrees and the email address o.o.brovarets@gmail.com. Their affiliation is the Department of Molecular and Quantum Biophysics, Institute of Molecular Biology and Genetics, National Academy of Sciences of Ukraine. The article is part of the 'Proceedings of the 8th International Youth Science Forum "Litteris et Artibus", November 21-23, 2018, Lviv: Lviv Polytechnic National University, 2018, pp. 136-150'.

The screenshot shows a review page on the openreviewhub.org website. The review is for the article 'Quantum-mechanical survey of the novel conformational and tautomeric transformations of the classical Watson-Crick A-T(WC), reverse Watson-Crick A-T(rWC), Hoogsteen A-T(H) and reverse Hoogsteen A-T(rH) DNA base pairs'. The review status is 'Approval status: Accept without remarks'. The reviewer is Roman Nebesnyi, PhD, from Lviv Polytechnic National University, with an ORCID ID of 0000-0003-0513-5783. The review includes a 'Referee report № 2' and a 'Referee Status: Accept without remarks'. The review also includes a 'Date Published: 12.11.2018 - 15:01' and a 'REMARKS AND SUGGESTIONS TO THE AUTHORS OF THE ARTICLE' section.



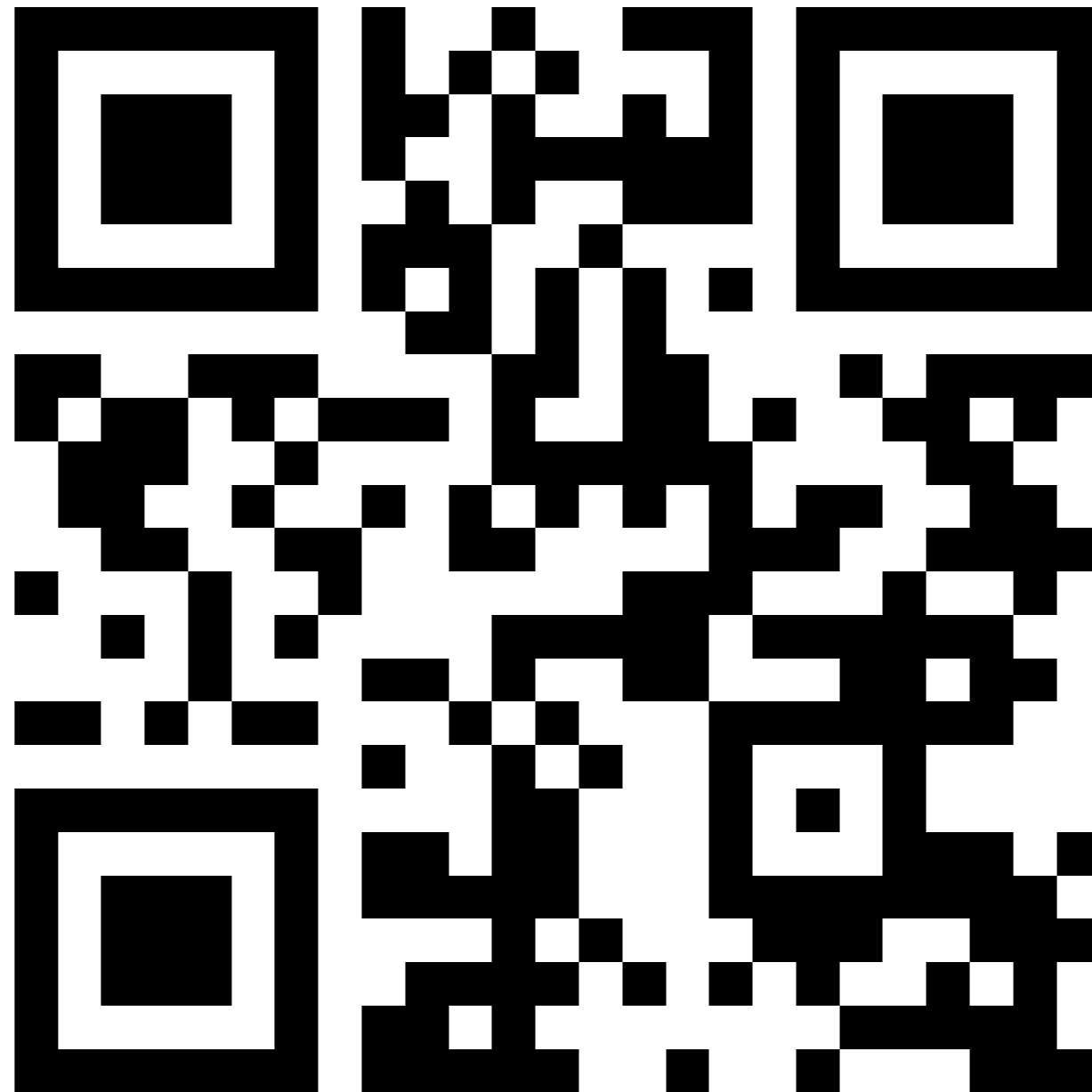
OPTIMA's Social Media Accounts

Please follow us on social media! Looking forward to your likes and comments 👍👍👍

@OPTIMAOpen Facebook



@optima_open Twitter



YouTube



Thank you for your attention!

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