

European Researchers' Night: what's new under Horizon Europe editions

Novosti Evropske noči raziskovalcev v Obzorju Evropa

17. 5. 2021



This project has received funding from the EU Framework Programme for Research and Innovation, Horizon 2020, Marie Skłodowska-Curie actions, under contract No. 101036173.



Evropska noč raziskovalcev 2021 - European Researchers' Night 2021
ZnAnoS_T za vsE (akronim: ZATE)

Science for all (ZATE, En: ForYou)

17. 5. 2021

University of Maribor ERNs success rate since 2006:

6. FP: 100 % - 1 / 1 (ERN2006) application;

7. FP: 85 % - 6 (ENR2007, 2008,2009, 2010,2011,2012) / 7 (ENR2013) applications;

Horizon 2020: 60 % (3 (ENR2016-2017, 2018-2019, 2020bis) / 5 (ENR2020, ENR2014-2015) applications.

1. ERN2006: Researchers' Night of Slovenia
Researchers' life in Slovenia;
2. ERN2007: Researchers by heart;
3. ERN2008: Research Explosion;
4. ERN2009: Researchers for the Future;
5. ERN2010: Research Rush;
6. ERN2011: Profession & Passion;
7. ERN2012: Join the Researchers' Spirit;
8. ERN2016-2017: Science for Life;
9. ERN 2018-2019: Safe with Science;
10. ERN2021: ZnAnosT za vsE (Science for all).

ERN 2021: - *Science for all* consortium



1. Faculty of Mechanical Engineering
2. Faculty of Chemical Engineering
3. Faculty of Civil Engineering
4. Faculty of Electrical Engineering, Computer Science and Informatics
5. Faculty of Agriculture and Life Sciences
6. Faculty of Law
7. Faculty of Education
8. Faculty of Organizational Sciences
9. Faculty of Criminal Justice
10. Faculty of Health Sciences
11. Faculty of Arts
12. Faculty of Natural Sciences and Mathematics
13. Faculty of Energy Technology

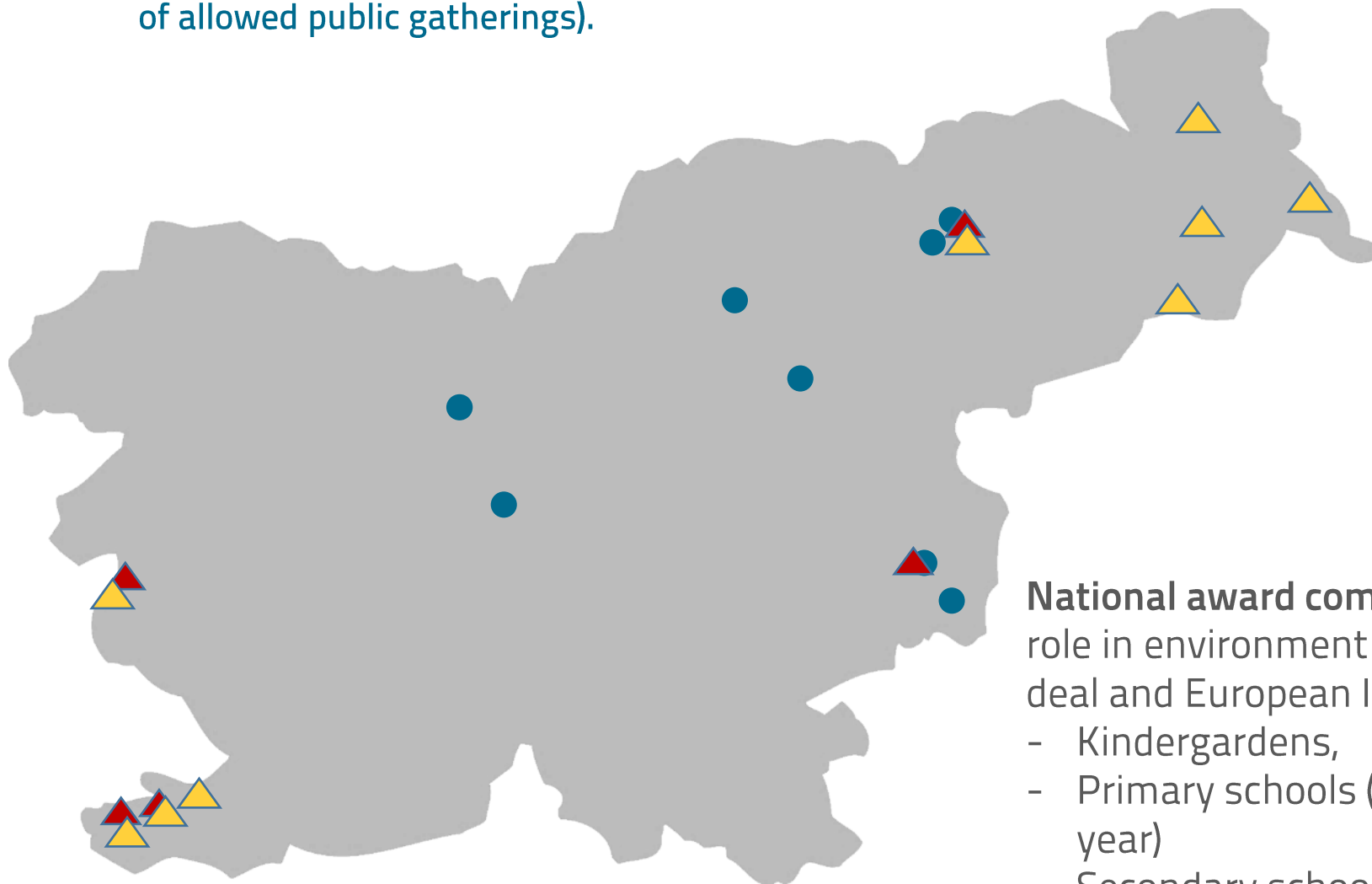
1. Faculty of Humanities
2. Faculty of Management
3. Faculty of Mathematics, Natural Sciences And Information Technologies
4. Faculty of Education
5. Faculty of Tourism Studies - Turistica
6. Faculty of Health Sciences

1. School for Viticulture and Enology
2. School of Humanities
3. School of Environmental Sciences
4. School of Science
5. School of Arts
6. Graduate School

● UM (17) faculties' locations

▲ ERN (pre)events' locations (on-line): Maribor, Krško, Koper, Izola, Nova Gorica

▲ Bus transfers from primary and secondary schools and between ERN main event venues (in case of allowed public gatherings).



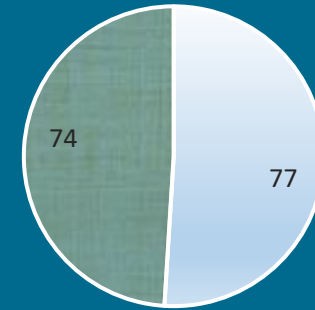
National award competition on researchers' important role in environment protection and rails (European Green deal and European International year of Rail):

- Kindergardens,
- Primary schools (three categories: 1-3, 4-6, 7-9 school year)
- Secondary schools.

Number of involved researchers:

Consortium member	No. of researchers
UM	86
UNG	32
UP	33
Total	151

Gender balance



■ Men ■ Women

Scientific areas & types of activities (European Green Deal) :

Scientific Areas:

1. Agricultural sciences
2. Criminology
3. Cultural studies
4. Economics
5. Educational sciences
6. Engineering
7. Environmental sciences
8. Ethics in health science
9. Anthropology
10. History
11. Information science
12. Juridical sciences
13. Language sciences
14. Mathematics
15. Medical sciences
16. Physics
17. Technology
18. Interdisciplinary
19. Arts
20. Astronomy
21. Biological sciences
22. Chemistry
23. Communication sciences
24. Computer Science

May – September:

Maribor, Krško, Koper, Nova Gorica

National award competition
Science slam
Quiz
Workshops
Exhibition
Presentations
Round table

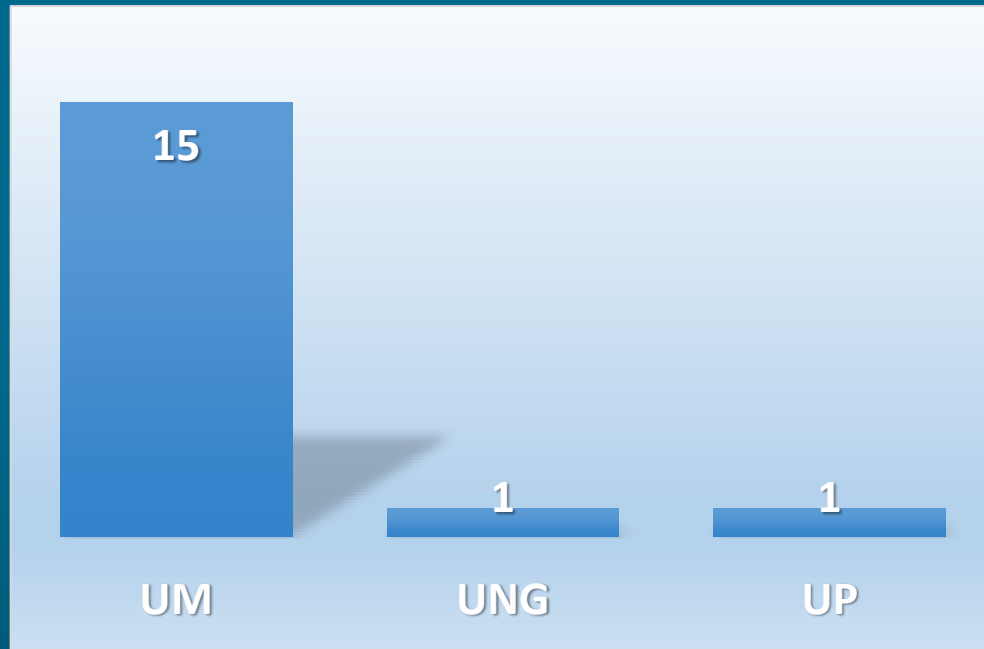
24 September:

Maribor, Koper, Izola, Nova Gorica

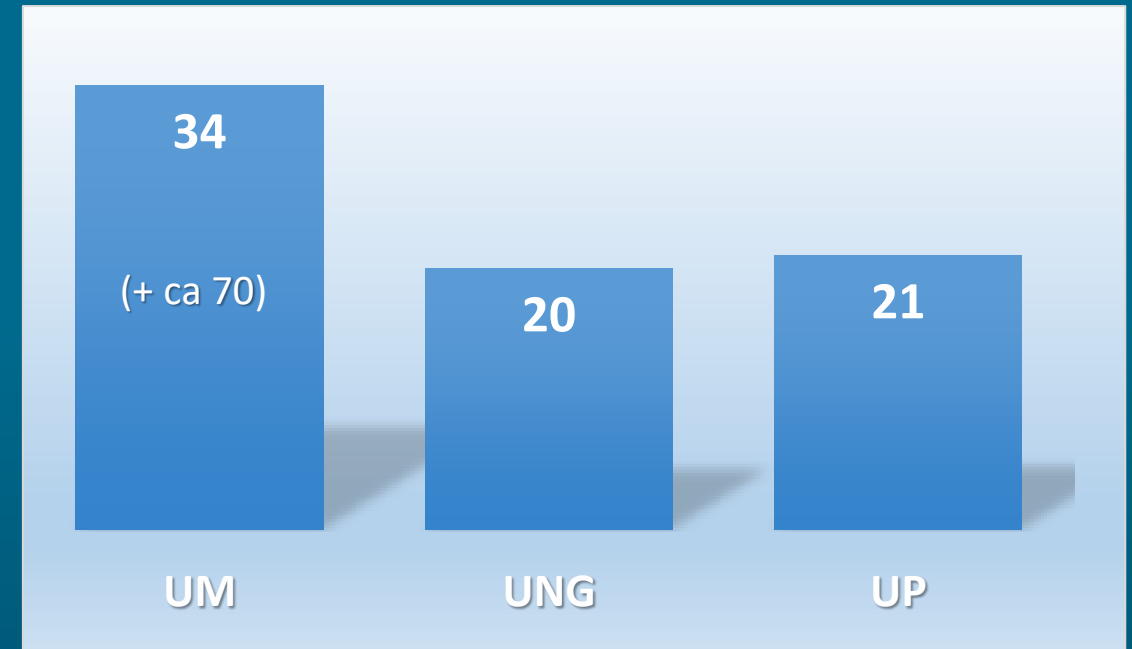
EU CORNERS
National award ceremony
Exhibitions
Experiments
Guided tours
Hands on activities
Informal talk to researchers
Didactic consultations
Film viewing
Presentations
Quizzes
Round table
Science shows
Workshops
Demonstration and implementation
of movement exercises
Performances of Researchers' rock bands

Foreseen programme activities in numbers

No. pre-events May-September 2021



No. events during the main ERN event, 24. 9. 2021



Cooperating stakeholders:

- National Research Agency,
- Ministry of Education, Science and Sport,
- Slovenian Business and Research Association,
- EU House Ljubljana,
- Europe Direct contact points, for Maribor Izola and Koper,
- Friends of Youth association Maribor.

Synergies with European/international/national/regional initiatives, projects:

- **Mediterranean Coast and Macro-Regional Strategies Week (EU Strategy for Adriatic and Ionian Region, Interreg Adrion).**
- **ATHENA (European University Association/European Universities);**
- **Jean Monnet Chair of Energy Law and Policy:** Energy Market Regulation, Competition and Climate, <https://www.eu-energylaw.com/>. As synergy the on-line international workshop on EU Green deal is included as one of the pre-events' programme: Prof. dr. Nives Dolšak, **University of Washington** (online), Maja Brkan, **University of Maastricht** (online), Prof. dr. Stefan Storr, **Wirtschaftsuniversität Wien** (online);
- **WATER CRIMES** (Internal Security Fund of the European Union);
- **PhotoEmulsion** (H2020 MSCA ITN project);
- **Geofood:** Geothermal Energy for Circular Food Production (Geothermica Era-net project);
- **IMPRODOVA** - Improving Frontline Responses to High Impact Domestic Violence (H2020, Secure societies - Protecting freedom and security of Europe and its citizens);
- **Smart SME's** (Alpine Region Preparatory Action Fund);
- **BEST MED** (European Regional Development Fund, Interreg Mediterranean);
- **NEONART** (Interreg-Adrion, OIS-AIR);
- **FIPRA** (ESF, MIZŠ),
- **ERN2021: Night has its power.**

Estimated number of visitors per (pre)event location:

Location	Expected number of visitors on the main event (24.9.2021)	Expected number of visitors on the pre-events (May-September 2021)	Expected total number of visitors during pre-event and main event
Maribor	13.000	380	13.380
Krško	0	200	200
Koper and Izola	1.000	100	1.100
Nova Gorica	250	100	350
Total	12.250	880	<u>15.030</u>

ERN pre-events (May and June 2021 on-line):

Maribor:

(17. 5. 2021: European Researchers' Night: what's new under Horizon Europe editions)

19. 5. 2021: Open day of researchers of the Institute of Energy of the Faculty of Energy

19. 5. 2021 in Slovene and 21. 5. 2021 in English:

Preparing a successful project application to the Marie Skłodowska-Curie – Postdoctoral Fellowships (MSCA PF) Public Call

26.5.2021:

- Preparing a successful project application to the MSCA-DN-2021 public call
- Jean Monnet Chair of Energy Law and Policy and the European Green Agreement and some open issues

28. 5. 2021: Preparing a successful project application to the ERC-2021-AdG public call

3. 6. 2021: Financial management of the Horizon Europe projects

9.6.2021: Opportunities to start and develop a research career with the Young Researchers Program and Horizon Europe, MSCA

15. 6. – 15. 7. 2021: Quiz "Environmental Protection and the European Green Deal

(date to be announced in May) The research profession in nursing studies.

May and September 2021: National press conferences

Train the trainers and multipliers programme for popular science communication (consortium scientists)

September: Science Slam

Koper:

1.-24. 9. 2021: Exhibition-multisensory presentation: "POLYLEG 0.1 - time matrix of depiction

Nova Gorica

1. 9. 2021: Online round table: Doctoral studies - an opportunity at the beginning of a career

ERN main event foreseen programme in Maribor

Europark: Clean energy for all Europeans; Use of simulations in the field of green energy production, fruit growing and forestry; Technology and life in the (near) future; Intspray - System for the eco-smart application of plant protection products; Water Crimes; Improving Frontline Responses to High Impact Domestic Violence (IMPRODOVA); Forensic and forensic knowledge to detect offenders; Fraud prevention and verifiable origin in short food supply chains; Children explore chemistry; Math can be fun!; Discovering Social Studies Through Play; Presentation of research and research projects in the field of renewable energy; Model of a Slovenian power system, the path of energy productions to consumers; Universal photovoltaic off-grid power supply system; Self-standing bridges; Simple electronics for kids; Treatment of environmentally problematic waste and development of added value products; Researching sustainable tourism through the BEST MED project; Exploring the use of geothermal energy through the project GEOFOOD; I research and save lives; Mathematical puzzles and tricks; Magnetism; Seesaw for butterflies and bouncing monkeys; Digitalization of natural fiber-based SMEs; Passive Floating Probe; Organizational sciences in theory and practice: what's new in digital era?; Youth for the Advancement of Maribor - results of ca 70 research projects and innovation ideas; Observation of the Sun, Saturn and Jupiter (Europark's upper parking lot), demonstration of sundials and the production of simple sundials (the interior of Europark); Coloured chemistry; PhotoEmulsion project presentation; Traveling salesman problem, Music for gourmands (part of symphonic orchestra); EU corner.

Vetrinjski mainson: Award ceremony of the National reward competition for kindergartens, primary and secondary schools on European international year of Rail and environment protection; researchers' music bands performances

ERN main event foreseen programme in Koper and Izola

Koper: UP rectorate: EU corner, Confucius classroom Koper University of Primorska: Chinese tea ceremony; Presentation of the results of the field research for the projects #TourismFromZero and #LocalsFromZero; Challenges and Opportunities of Blue Growth; Slovenian language as a language of communication: translation and editorial studies; Art and creative Workshop - Let's create with "DADOCON" technology (Augmented Reality); Discussion / Round Table: Employment in sustainability-oriented organizations; UP FAMNIT: Understanding circular economy through the quiz; Let's enter the world of science; The power of antioxidants and their reuse.

Izola: Movement challenge; Active breaks; Preparing a healthy plate; Remote physiotherapy in times of pandemic; Virtual dance of the hearts;

Izola Simon bay: Sightseeing; Let's make a mosaic together; Cook with us like the ancient Romans; Dolphin Research in Slovenian waters. Izola Mythic park Rodik: When stories revive.

ERN main event foreseen programme in Nova Gorica

Science Café on Environmental Citizenship; Local varieties of grapevine – their value and characteristics; Polyphenol antioxidants in local fruit, grape and wine products; Wine aromatic typicality: a powerful concept; Science Show/Workshop on Crafting the 3D image in the 19th Century; Research activities at the School of Environmental Sciences; EEG/ERP linguistic research; Eyes jump from word to word while we read; Graphene sandwich; How to find out what's in a soup – blindfolded and without a recipe? Determining the sources of air pollution is a 5-course meal; Workshop at the Intersection of Science and Art 2; Film Programme: Marie Skłodowska Curie, biography, women in science; Film Programme 2; Presentation of the results of the Futurama and Experimental Form Workshops; Workshop at the Intersection of Science and Art 1; Changing objects in the sky; Microbes can also be useful in food production. Let's meet them!; Chemical analysis of wine aroma; Workshop of augmented reality in Nova Gorica and Gorizia; Glasses for cooking and not only



Univerza v Mariboru



Science for all consortium

Thank you for your attention

www.ern.um.si