



Iceland
Liechtenstein
Norway grants

Norway grants

“Excellence in research ERC & MSCA in Romania”
21st of November 2024

uefiscodi

Monica Cruceru
Programme Coordinator

Romanian Research Programme

EEA & NO Financial Mechanisms 2014-2021

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Outcomes

- ✓ enhancing of the performance of Romanian research internationally
- ✓ enhancing collaboration between Romania and DS entities involved in the Programme

2009-2014
22,5 mil €

2014-2021
(47 mil €)
55,5 mil €

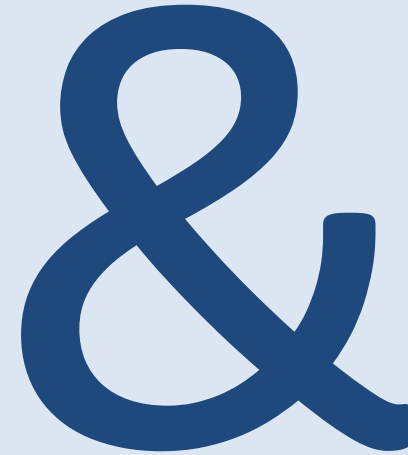


CALL 2018 EEA grants

276 submitted applications
(273 eligible)

346 experts used in Individual
evaluation phase (317 UE, 21 USA-
Canada-Australia, 8 other countries)

163 Rapporteurs (6 panels)



CALL 2019 NO grants

285 submitted applications
(280 eligible)

260 experts used in evaluation
process (weighted average value of
Hirsch Index 27,8)

143 Rapporteurs (6 panels)

On-line panel meetings (COVID-19)

Call for Small Grant Scheme (support for ERC candidates) - 2019

Call budget: 1,5 mil euro

- a research visit of 3-9 months
- grant assistance – min 5.000 Euro – max 50.000 Euro

Mandatory:

- the RO researcher (Beneficiary of the grant) has to submit, with an institution from RO, a proposal to the next ERC calls within 24 months after finalizing the research visit.

Research Programme
Thematic areas



Energy
5 projects (including CCS)
6.199.784 €

ICT
7 projects
8.798.435 €

Environment
10 projects
12.389.939 €

Health
8 projects (including one
addressing Roma issues)
10.049.898 € (1.177.523 € Roma)

Biotechnology
4 projects
5.032.418 €

Social sciences and humanities
8 projects (including 3 addressing
Roma issues)
9.471.675 € (3.780.598 € Roma)

1.164.000 €
CCS (Carbon Capture and Storage)

4.958.121 € Roma
(9,54%)



Partnerships

- ✓ **59,52% Previous cooperation**
- ✓ **33,33% Independent search for partners**
- ✓ **7,15% Search in the partnerships databases**

Romania

39 Research Organizations
7 SMS
1 Large company
2 Big enterprises

Iceland

1 Research Organization

How to find partners?

Mobilities: 118 projects /
130.000 euro

Brokerage platform:

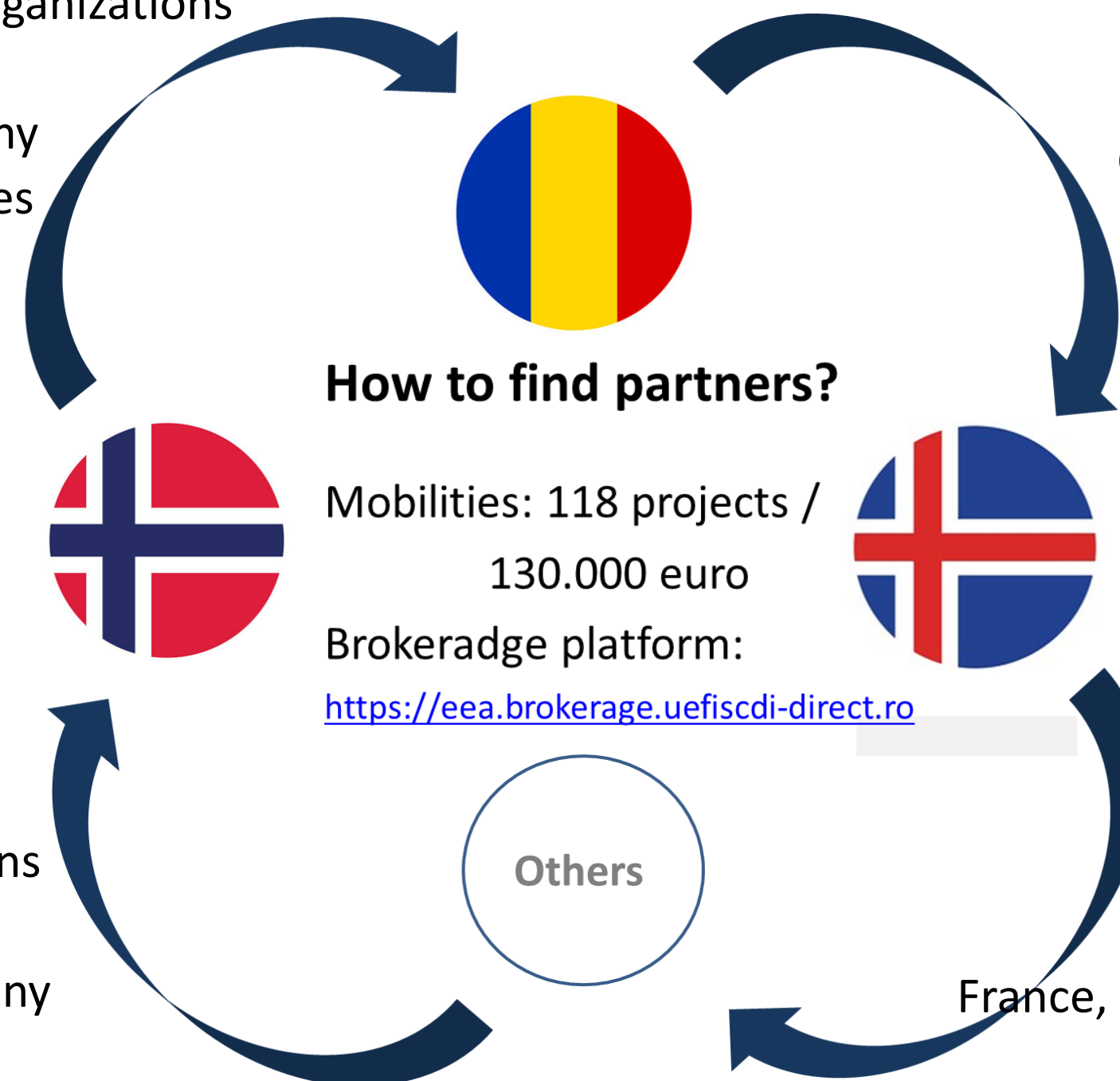
<https://eea.brokerage.uefiscdi-direct.ro>

Norway

17 Research Organizations
3 SMS
1 Large company

Others

3 Research Organizations
France, Spain, Canada

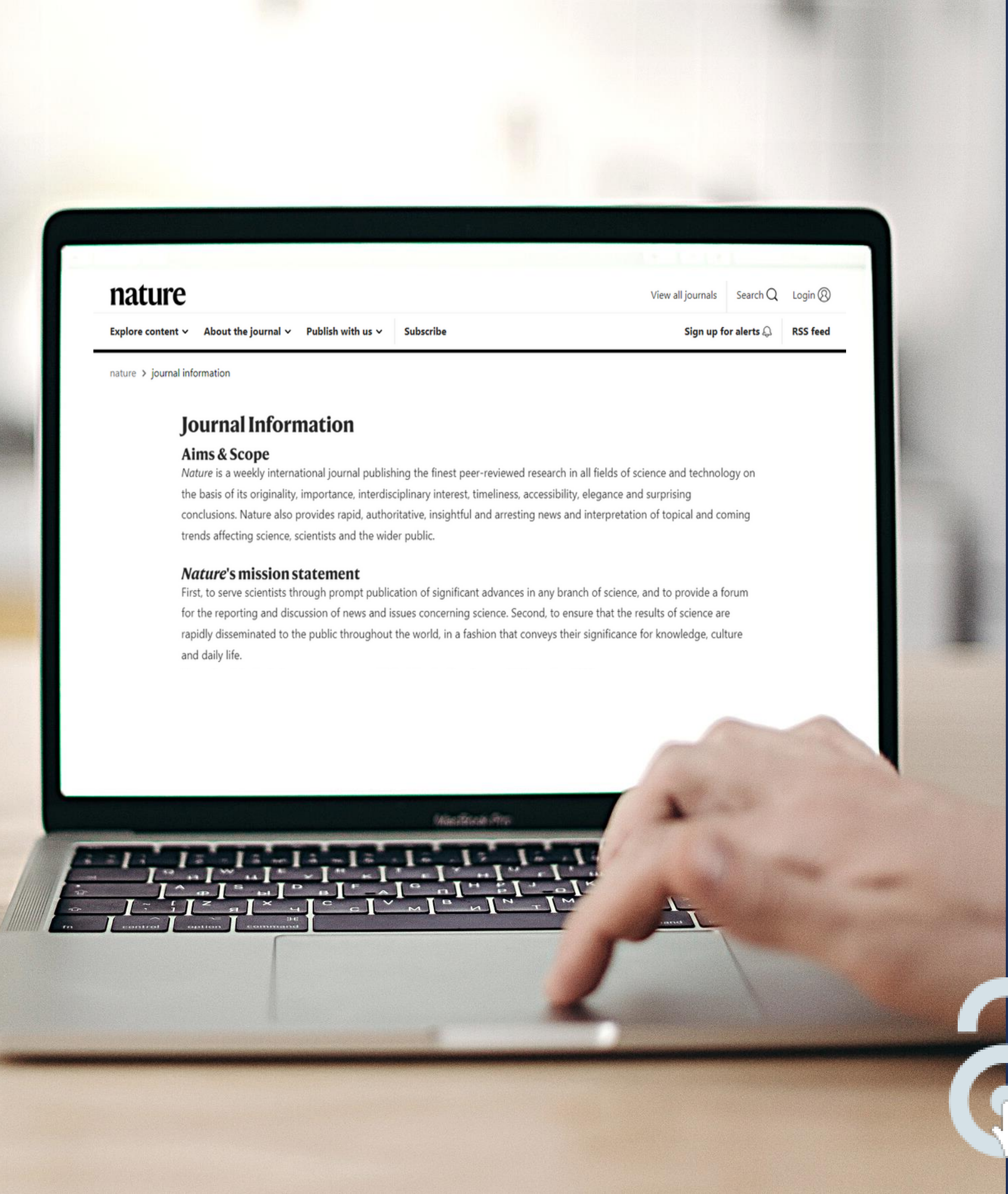


Indicators at the Programme level

(achieved/target value)



✓	Number of articles submitted to peer-reviewed publications	364/100
✓	Number of joint articles submitted to peer-reviewed publications	111/50
✓	Number of jjoint applications for further funding	60/10
✓	Number of joint registered applications for Intellectual Property Protection	15/7
✓	Number of Donor States research groups involved in projects	52/50
✓	Number of pro ROMA organizations involved	9/4
✓	Number of researchers supported	1022/650
✓	Number of jobs created	101/80
✓	Conferences 552 out of which 128 joint conferences Books/chapters 21	



Number of joint articles submitted
to peer-reviewed publications

111/50

88 published Open Access

36 in Quartile 1

14 in top 10 journals in the field



Number of joint applications
for further funding

60/10

48 EU source

- out of which 5 funded
- 20 in evaluation

8 non EU source

- one funded
- 5 in evaluation





Number of **joint** registered applications for Intellectual Property Protection

15/7

- ✓ Metodă expediționară de testare in-situ a contaminării cu E. coli și coliformi totali din ape destinate consumului uman (PI: Moldovan)
- ✓ Sistem și metoda pentru determinarea unei rezistențe electrice foarte mici sau a rezistenței electrice la contact interfacial (PI: Craciunescu)
- ✓ Echipament și metoda pentru orientare și poziționare în proceduri de endoscopie (PI: Gruionu)
- ✓ Robot și instrument medical flexibil pentru navigație în sisteme anatomice tubulare (PI: Gruionu)
- ✓ Sistem energetic de control al factorilor climatici în vederea reducerii consumului energetic în sere (PI: Jerca)
- ✓ Sistem și metoda de telemetrie pentru vehicule folosind tehnologii 5G (PI: Vochin)
- ✓ GAMMAHEAL: Method for inducing and evoking rhythmic brain activity by using sensory, electrical, optical, or magnetic stimulation (PI: Muresan)
- ✓ Template-directed electrodeposition of plasmonic micro/nanostructured interconnected hemisphere-voids lattice on gold electrodes for (EC-)SERS applications (PI: Farcau)
- ✓ Method for selection of strigolactone analogs and mimics with plant biostimulants effect (PI: Oancea)
- ✓ High throughput method to select microbial consortia responding to strigolactones (PI: Oancea)
- ✓ New strigolactones mimics and their use as biostimulants for vegetables (PI: Oancea)
- ✓ Biotechnological process to prepare selenium nanoparticles (PI: Oancea)
- ✓ Trichoderma pseudokoningii strain that respond to strigolactone (PI: Oancea)
- ✓ Instalatie și procedeu pentru fotodegradarea 17β-Estradiolului și a acetaminofenului (PI: Socaci)
- ✓ Technology for the treatment of wastewater discharged into sewerage networks and the wastewater treatment plants with elevated ammonium concentrations using mixed microalgae - bacteria granulated biomass (PI: Tiron)

- European Patent Office - EPO
 - The World Intellectual Property Organization - WIPO

issued

“Method, human machine interface, machine computing unit and computer programs to control at least one actuator to carry out at least one task” (PP: Transylvanian Institute of Neuroscience, Cluj-Napoca) – non-joint (EPO)

in evaluation

“Technology for the treatment of wastewater discharged into sewerage networks and the wastewater treatment plants with elevated ammonium concentrations using mixed microalgae - bacteria granulated biomass” (PP: National Research and Development Institute for Industrial Ecology ECOIND, Bucharest) – joint (EPO)

“GAMMAHEAL: Method for inducing and evoking rhythmic brain activity by using sensory, electrical, optical, or magnetic stimulation” (Transylvanian Institute of Neuroscience, Cluj-Napoca) – joint (WIPO)

“Biotechnological process to prepare selenium nanoparticles” (PP: National Institute for Research & Development in Chemistry and Petrochemistry ICECHIM Bucharest) – joint (WIPO)

“Trichoderma pseudokoningii strain that respond to strigolactone” (PP: National Institute for Research & Development in Chemistry and Petrochemistry ICECHIM Bucharest) – joint (WIPO)

INTERFAȚA DE CONTROL A PROIECTULUI

CONTRACTARE ON-LINE

CONTRACTUL DE FINANȚARE NR.
36 din **01/01/2021**

Cod depunere: EEA-RO-NO-2018-0106

Status contractare: Contract Actualizat

Accesați contract...

Listă Acte Adiționale...

Raportare Indicatori

RAPORTARE ON-LINE

Nume Etapă	Perioadă Raportare	Buget	Cofinanțare	Total
area perovskite solar cells by using large area deposition techniques	01/01/2021 - 31/12/2021	1.993.311,53	228.008,94	2.211.320,47
structures obtained by large area deposition techniques (printing and sputtering) and s for large area structures	01/01/2022 - 31/12/2022	1.949.781,14	241.406,47	2.191.187,61
optimized small photovoltaic modules and fabrication of glass large photovoltaic	01/01/2023 - 31/12/2023	1.646.359,81	242.178,93	1.888.538,74
optimized small photovoltaic modules and fabrication of glass large photovoltaic	01/01/2024 - 30/04/2024	160.750,00	0,00	160.750,00

Inapoi la lista proiectelor...

Our indicators' reporting platform developed in-house is available online for a real time reporting of the indicators achieved and is considering a very useful tool for project officers in terms of permanently monitor of the targeted indicators.

<http://uefiscdi-direct.ro/EVoC>

Reporting Summary

Articles ConfProceed Books/Chapters Others Intellectual Property Joint applications

User guide is available [here](#).

I. Peer-reviewed scientific publications submitted / Joint peer-reviewed scientific publications submitted

Definitions:

- A single scientific publication submitted to a peer-reviewed journal, conference, book or other peer-reviewed publication. The publication should be
- A single scientific publication submitted with co-authors from the Donor State and Beneficiary State partners. It may be submitted to a peer-review Beneficiary State and Donor State organisations, funded under EEA and Norway Grants 2014-2021.

Reported articles: **9 Finalized**, **0 Working**, **0 Reopened**, **8 Validated**, **0 Invalidated**

Reported conference proceedings papers: **13 Finalized**, **0 Working**, **0 Reopened**, **9 Validated**, **0 Invalidated**

Reported books / book chapters: **2 Finalized**, **0 Working**, **0 Reopened**, **2 Validated**, **0 Invalidated**

Reported other publications: **0 Finalized**, **0 Working**, **0 Reopened**, **0 Validated**, **0 Invalidated**

II. Joint registered applications for Intellectual Property Protection (IPP)

Definitions:

- Any application for registration of copyright, industrial design, trademark, patent or community design. The application should be filed jointly by Pr (of Beneficiary State and/or Donor State) or European Patent Office, or third countries' Patent Offices.

Reported copyrights: **0 Finalized**, **0 Working**, **0 Reopened**, **0 Validated**, **0 Invalidated**

Platform of results

<https://eeanorway.uefiscdi.gov.ro/home>

Working together for a
green, competitive and
inclusive Europe.

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Search Home About Thematic Areas

Browse projects by thematic area

Energy

Energy is a dynamic field focused on developing and optimizing technologies to meet growing global energy demands while minimizing environmental impact.

The applications funded under this area met one or more of the following key topics:

1. Innovative materials and technologies for energy storage
2. Energy efficiency within the process of generation, transmission, smart grids distribution and at the consumer/end user
3. Eco-friendly-environmental technologies for energy production/generation
4. Energy sources – diversification/balance
5. Carbon capture and storage.

7 Projects funded

140 Results

15 Partners involved

See projects

Environment

Environment is a vital field focused on protecting and restoring ecosystems through innovative management strategies and technologies.

The funded projects within this field addressed key topics such as:

1. Management of emerging pollutants in aquatic systems, including their impact, remediation, and recycling techniques to enhance ecosystem services of water resources and wetlands
2. Monitoring and managing ecosystems affected by climate change, including biodiversity, biosafety, protection, and ecological restoration
3. Environmental impact and risk assessment of modern, new, and emerging technologies and products, potentially considering climate change
4. Resources, technologies, and tools for promoting a circular economy
5. Research on the impact of climate change and extreme natural phenomena on both natural and human-made systems

16 Projects funded

305 Results

44 Partners involved

See projects

Project summary

Project acronym

ELIRA 2.0

Main Thematic area

D – Social Sciences and humanities including gender studies and social inclusion studies
D.6 – Roma inclusion and empowerment.

Secondary Thematic area

D – Social Sciences and humanities
D.4 – Social and economic inclusion of disadvantages groups;

Key words

Roma literacy education reading development language development

Principal investigator

Dacian Dolean

Project promoter

UNIVERSITATEA BABES BOLYAI

Funding

RO Research Programme – EEA Grants

Partners

University of Oslo

Location

Cluj-Napoca

Period of implementation

2019-06-01 to 2024-04-30

Visit project's website

DISCOVER THE IMPACT


Here you can find information about the progress and results of the funded projects:



424 publications

DISCOVER THE IMPACT

Here you can find information about the progress and results of the funded projects:



23 patents

DISCOVER THE IMPACT

Here you can find information about the progress and results of the funded projects:



452 conferences

Monitoring based on reports

Monitoring missions (11 visits)

2022-2023

Mid-term scientific evaluation of the projects

40 experts involved
(experts/rapporteurs)

- assessment of mid-term results achieved
- identification of possible problems and risk and their mitigation plan
- **recommendations for the PIs**

Monitoring & Implementation



Monitoring based on technical meetings, regular emails

On the spot verification visits

2023-2024

Scientific evaluation of the projects final reports

same experts involved
(experts/rapporteurs)

- scientific work carried out by the projects
- collaboration at partnership level
- dissemination of results
- final results achieved
- possible recommendations for PIs

Bilateral Initiatives



Support for Ukrainian refugees - 100.000 euro (2022)



- SSH: “Widening ESS participation – RODA-NSD cooperation in implementing ESS round 9 in Romania” - 249.502 Euro (2019)
- Bioinformatics: “Towards the integration of European human molecular data in research and health” - 259.080 euro (2021)



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M100: “Towards Climate-Neutral and Smart Cities through Mutual Learning, Engagement and Capacity-Building” - 1.340.620 euro

The partnership:

RO - UEFISCDI, Urbanize Hub,
The Romanian Order of Architects
NO - Nordic Edge, NTNU
IC - RANNIS

M100: “Climate-Neutral and Smart Cities: Planning, Piloting, Inspiring ” - 1.396.140 euro

The partnership:

RO - UEFISCDI, Cluj-Napoca Municipality,
Bucharest – District 2, Suceava Municipality
NO - Stavanger Municipality, Trondheim Municipality
IC - Reykjavik Art Museum

M100 Bilateral Initiatives

<https://m100.ro/>



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Communication & Visibility

Successful science communication
initiative & best practices



Research
in the spotlight



<https://uefiscdi.gov.ro/news-video-podcast-ul-research-in-the-spotlight-a-fost-unul-dintre-exemplele-de-buna-practica-in-comunicarea-stiintei-la-high-le>



“Research In The Spotlight” at the
*High Level Conference
on Science Communication*
Bruxelles, March 2024

4 series of the video podcast [Research in the spotlight](#)
42 episodes
more than **6.400** viewers

Social Media



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93 posts on social media



Performance

Reach ⓘ
7.4K ↓ 2.1%

Content interactions ⓘ
344 ↑ 24.6%

Followers ⓘ
Lifetime
7.6K

Link clicks ⓘ
135 ↑ 28.6%

Mass Media



Un podcast creat și produs de D|MBC, selectat de SCIENCE EUROPE ca exemplu de bună practică în comunicarea științei

28 Mar., 10:23 AM • Update • D|MBC

Share Postează



Research in the Spotlight, podcastul de brand creat de **D|MBC - The Media and Branded Content Company**, a fost selectat de **SCIENCE EUROPE** ca exemplu de bună practică în comunicarea științei, dintre mai multe proiecte de comunicare realizate de alte state europene. Proiectul românesc de comunicare a fost prezentat în cadrul conferinței **High Level Conference on Science Communication. Unlocking the Power of Science Communication in Research and Policy Making. Connecting research, government, industry, and society** organizată de Science Europe, pe 12-13 martie 2024, la Bruxelles.



VIDEO De ce elevii romi au performanțe mai slabe la învățătură? Cercetarea avansată arată că motivele nu țin de etnie, ci de condițiile de viață ale copiilor – Cercetătorul Dacian Dolean

C.I. 13 aprilie 2022 - 4 minute read - 3 comments

1.679 de vizualizări



Foto: Pixabay.com

Cercetările arată că, așa cum elevii din România au rezultate mai slabe la școală decât cei din alte țări, și elevii romi au performanțe mai slabe decât cei de altă etnie, arată, într-o prezentare publicată recent, cercetătorul în educație Dacian Dolean. Dar astfel de cercetări nu spun motivele acestei situații: pentru a le afla, e nevoie de cercetări avansate, iar un astfel de studiu, de lungă durată, ajunge la concluzia: nu etnia, ci mediul socio-economic este cauza dificultăților de alfabetizare a copiilor romi.



Research in the spotlight - un instrument util pentru comunicarea științei

Adriana Rotar, responsabil comunicare UEFISCDI

15 Martie 2023

Încurajarea dialogului și crearea contextului favorabil comunicării publice a rezultatelor cercetării, într-o manieră facilă, accesibilă publicului larg s-au numărat, întotdeauna, printre prioritățile Unității Executive pentru Finanțarea Învățământului Superior, a Cercetării, Dezvoltării și Inovării (UEFISCDI). În calitate de agenție de finanțare poți să acționezi pe mai multe paliere: să oferi cadrul propice organizării unor evenimente, campanii recurente și chiar un podcast propriu care să le permită cercetătorilor să-și expună cercetările.

Deoarece ne-am dorit să facem cunoscute proiectele implementate în cadrul **Programului Cercetare** finanțat din Granturi SEE și Norvegiene 2014-2021 (EEA & Norway Grants) într-un mod atractiv și, totodată, să oferim cercetătorilor posibilitatea de a-și prezenta proiectele, echipele de cercetare și rezultatele obținute, altfel decât erau obișnuiți, am lansat, în decembrie 2021, video podcast-ul „**Research in the spotlight**”.



Granturile SEE și Norvegiene: noi competiții, provocări și oportunități pentru cercetarea românească

Alexandru Batali

26 Iulie 2018

S-au împlinit 10 ani de când cercetarea românească este conectată la Granturile SEE și Norvegiene și la beneficiile asociate unor astfel de mecanisme financiare: dezvoltarea de proiecte științifice bilaterale, consolidarea relațiilor cu Statele Donatoare (Norvegia, Islanda și Liechtenstein) și creșterea gradului de participare și a performanțelor cercetătorilor români în competițiile europene. În noul ciclu de cooperare (2014-2021), Operator de Program este Unitatea Executivă pentru Finanțarea Învățământului Superior, a Cercetării, Dezvoltării și Inovării (UEFISCDI), care a lansat deja în acest an o competiție majoră, Proiecte Colaborative de Cercetare, acompaniată de un suport, cu buget mai mic: Proiecte de Mobilități. Într-un interviu acordat în exclusivitate revistei Market Watch, Magda Resiga, Directorul General Adjunct al UEFISCDI, și Monica Cruceru, Coordonatorul Programului de Cercetare Granturi SEE și Norvegiene 2014-2021, au evidențiat noutățile și specificul actualului Program de Cercetare și al noilor competiții.

2028

What's next?

EEA&NO Financial Mechanisms 2021-2028

2021