

Baltic Science Network Final Conference: Towards a new ERA for Research and Innovation in the Baltic Sea Region, June 16th 2021

Session: Supporting academic mobility for young researches – lessons learnt and future perspectives for the BSR



Internships in Life Sciences, Photon & Neutron Science and Welfare State

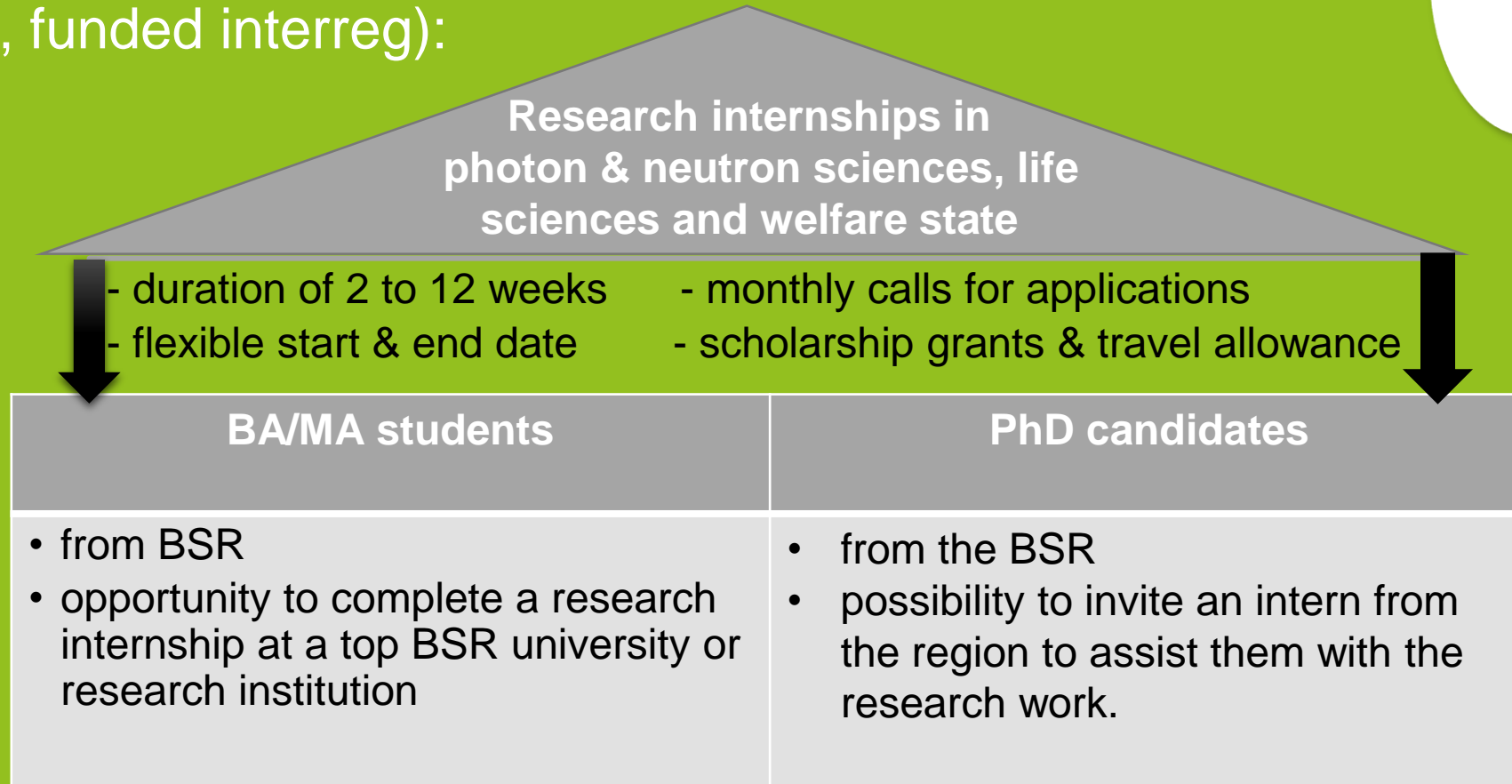
Nina Akrami Flores, Project



What is BARI?



Baltic Science Network Mobility Programme for Research Internships
(pilot project, funded interreg):



The Baltic Science Network Research Internship Mobility Programme (BARI) has four objectives:

1. Students (interns) gain hands-on experience and theoretical insight into an attractive research area.
2. Doctoral candidates collect additional skills (intercultural skills, language skills, personal management competencies).
3. To raise awareness of the next generation of researchers of the value of international cooperation within the Baltic Region.
4. To support high quality research projects.

Who can participate?



- all countries within the BSR, defined as members of the Council of the Baltic Sea States:

Denmark Estonia Finland Germany
Iceland Latvia Lithuania Norway
Poland Sweden Russia
and the observer member Belarus

- BA/MA Students/PhD candidates enrolled at an HE Institution in one of the above-mentioned countries



EUROPEAN UNION

EUROPEAN
REGIONAL
DEVELOPMENT
FUND



How does the BARI Portal work?

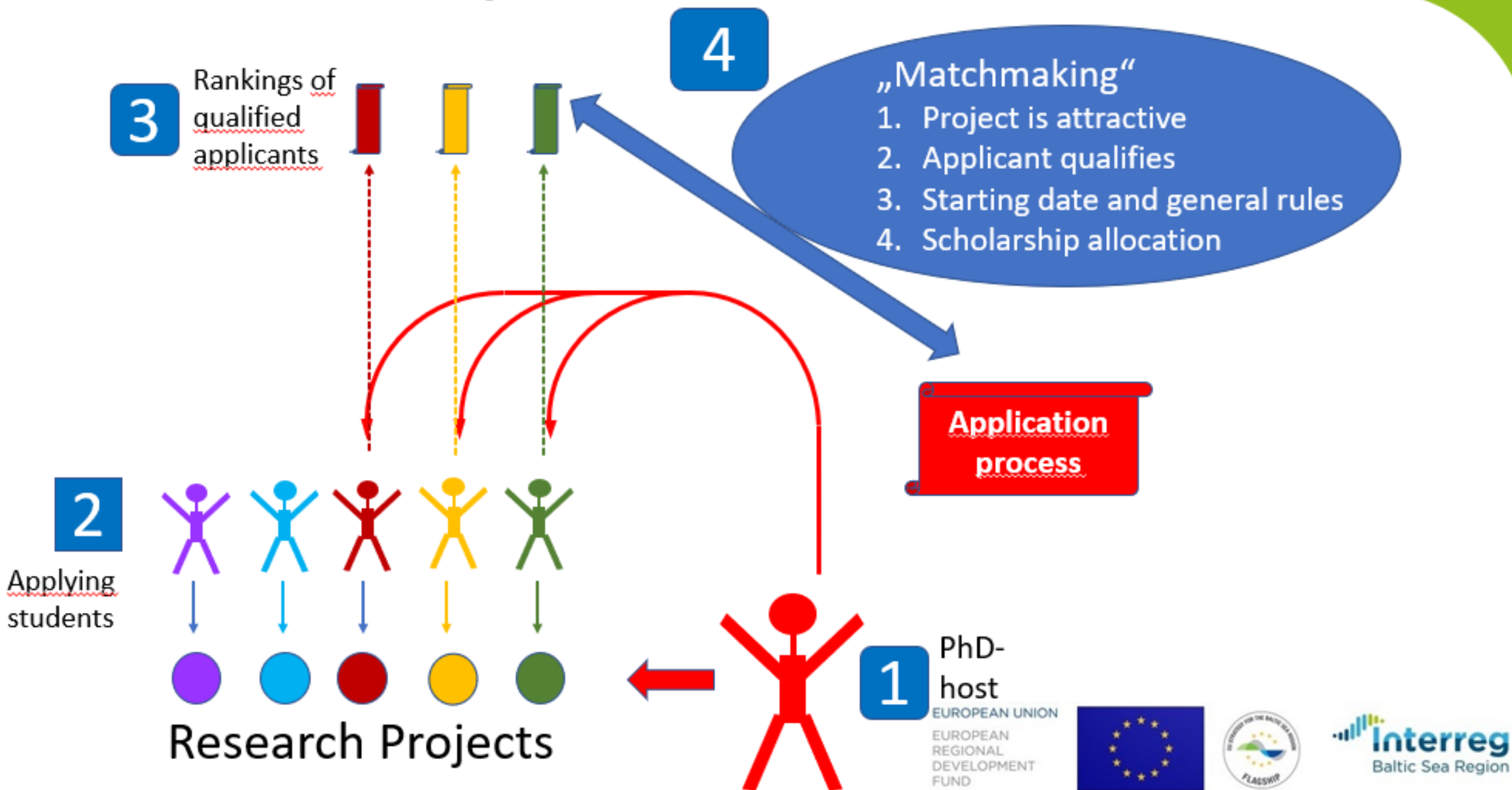
Online application platform,
<https://www.baltic-science.org/bari/>



EUROPEAN REGIONAL DEVELOPMENT FUND



The selection process



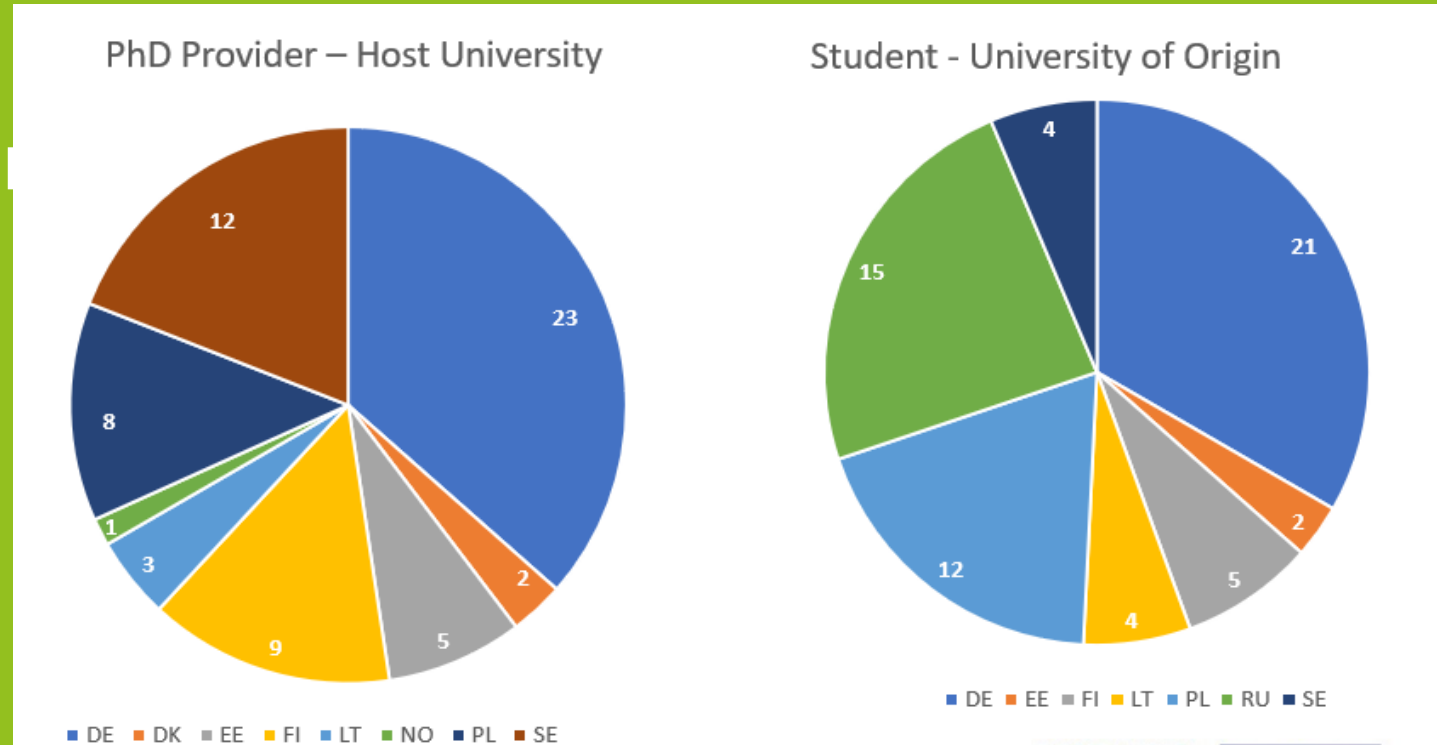
Our achievements in times of Covid-19



- 60 awarded internships in 2020-2021

*mostly in Life Science

- Top hosts countries: DE, SE, FI, PL
- Top universities of origin: DE, RU, PL, FI



EUROPEAN UNION

EUROPEAN REGIONAL DEVELOPMENT FUND



Funding institutions:

- CBSS
- DAAD (Germany)
- Ministry of Science, Research and Equalities, Hansestadt Hamburg
- University of Kiel (Germany)
- University of Turku (Finland)
- Åbo Akademi University (Finland)
- Ministry of Education, Science and Sport of the Republic of Lithuania
- University of Gdansk (Poland)
- St. Petersburg State University of Economics UNECON (Russia)
- Saint-Petersburg Electrotechnical University LETI (Russia)
- University of Lund (Sweden)

Benefits of BARI mobility programme

- **Students** gain hands-on experience and theoretical insight into an attractive research area – as an intern in a research project of their choice.
- **PhD candidates** – by acting as their hosts - gain valuable support for their research work and a ‘sparring partner’ for scientific discussions.
- International contacts are formed → **international research cooperation.**
- Institutions profit of the **internationalisation** which is triggered by opening international perspectives to their students and by hosting international students.

Student feedback

"EVEN THOUGH I HAVE BEEN FAMILIAR WITH THE METHODS THAT I HAVE BEEN WORKING WITH DURING INTERNSHIP, I HAVE NEVER BEEN FULLY ABLE TO PERFORM THEM AUTONOMOUSLY. SO TO BE ABLE TO DO THAT AND GAIN VERY IMPORTANT PRACTICAL EXPERIENCE WITH THEM WAS VERY IMPORTANT TO ME."

Bartosz Maliński
Linköping University, Sweden



"I REALLY LIKED THE FACT THAT MY SUPERVISORS LET ME WORK INDEPENDENTLY AND TRUSTED ME WITH ASSIGNED TASKS, WHICH ALSO CONTRIBUTED TO ME BEING MORE INDEPENDENT SINCE THE EARLY DAYS OF THE INTERNSHIP."

Kinga Konkel
Max-Delbrueck-Centerfor Molecular Medicine in Berlin, Germany



"THIS INTERNSHIP SHOWED ME, THAT THERE IS A LOT TO LEARN FROM GOING ABROAD AND I AM LOOKING FORWARD TO GAINING MORE EXPERIENCE OUTSIDE OF MY OWN COUNTRY."

Denis Adali Maaülikool
Tehnikainstituut Tartu, Estonia



Sophie Fischer
(PhD candidate)



Aravinth
Ravichandran (MA
Student)



Anna Rudyk, r. (BA Student)
with her PhD supervisor Ms
Kuprina



Masoud Rastgou
(MA Student)



Meike Lips, r. (BA Student)
with her PhD supervisor

" I FELT THAT IT WAS AN EXCELLENT OPPORTUNITY FOR ME AS A HOST TO EASE INTO THE ROLE OF A SUPERVISOR AND GAIN EXPERIENCES. ALSO, I THINK THAT MY INTERN AND ME, WE WERE A VERY GOOD MATCH."

Sophie Fischer (PhD candidate) University of Bergen,
Norway

" I LEARNED HOW TO COMMUNICATE MORE CLEARLY ABOUT THE GOALS OF THE EXPERIMENTS AND THE EXPERIMENTAL PROCEDURES AS WELL AS HOW AND WHEN ADOPT MORE DELEGATING STYLE OF SUPERVISION. "

Katarzyna Radke (PhD candidate) Lund
University, Sweden



David Cicchetti (BA student)

"FOUND THIS TIME VERY SATISFYING, SCIENTIFICALLY PRODUCTIVE, AS WELL SPEND IN A NICE AND FRIENDLY ATMOSPHERE. I WANT TO EMPHASIZE THAT I REALLY APPRECIATE THE IDEA OF BARI PROGRAM. "

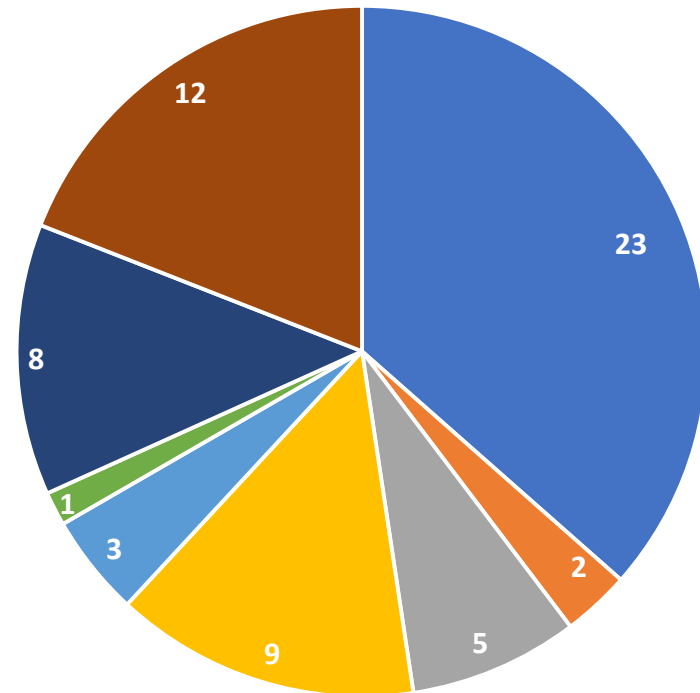
Patrycja Mrowiec (PhD candidate), University of Agriculture in Krakow, Poland

More feedbacks available at <https://www.baltic-science.org/bari/>

Questions?

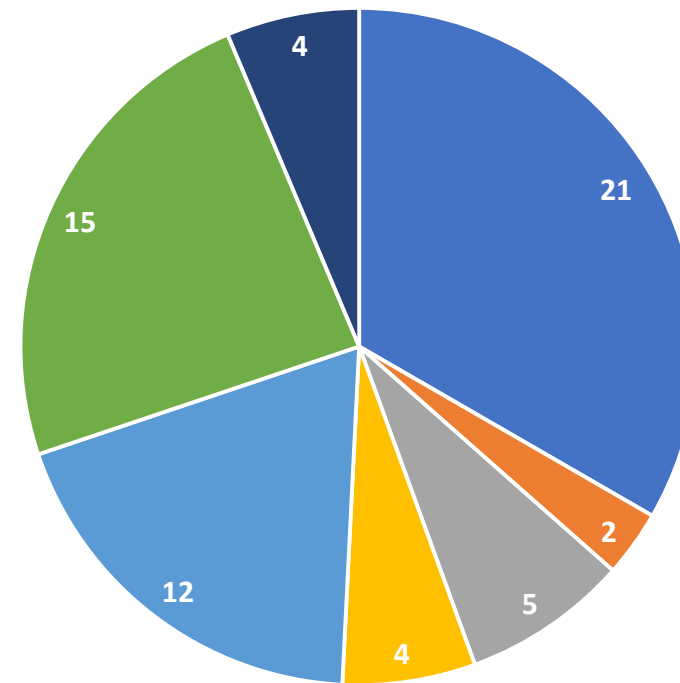
Mobility by country of student and host university

PhD Provider – Host University



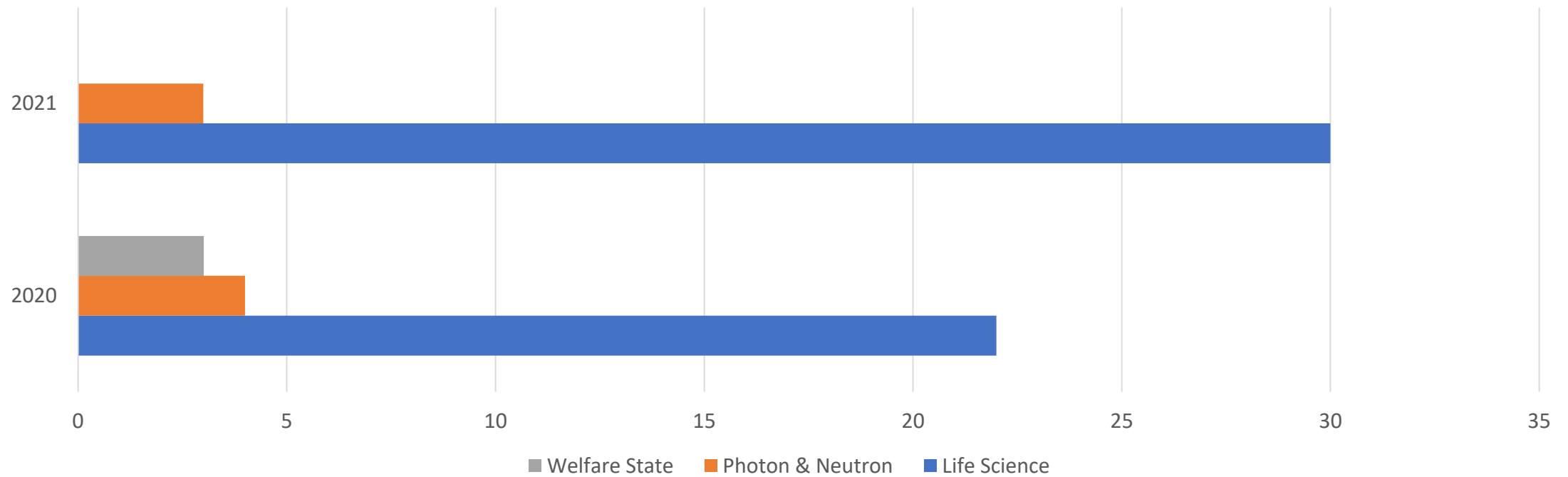
■ DE ■ DK ■ EE ■ FI ■ LT ■ NO ■ PL ■ SE

Student - University of Origin



■ DE ■ EE ■ FI ■ LT ■ PL ■ RU ■ SE

Scholarships allocated per field of study



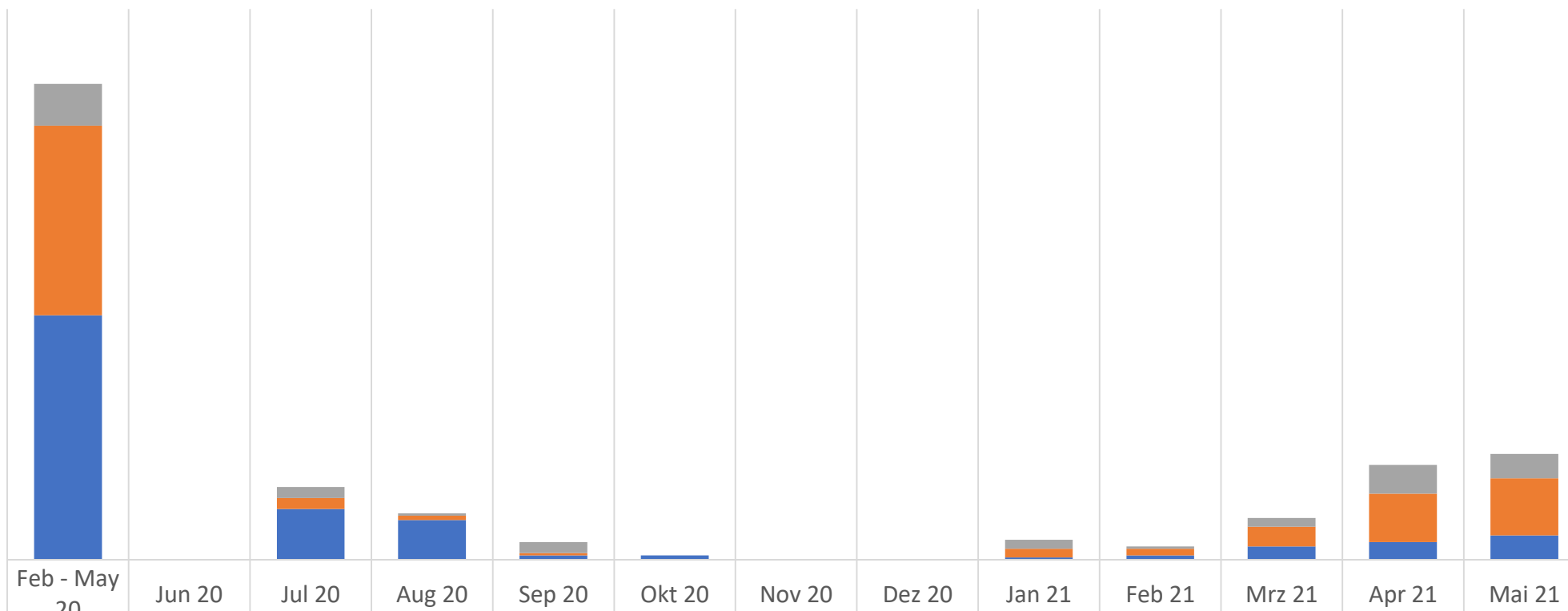
Programme frame:

- Monthly calls for applications and internship proposals, between the **1st and 16th** (*Initial plan: one call for internship offers in Feb. 2020 and one call for applications in March 2020*)
- Duration of internships: **2-12 weeks**
- **Start & end date** of the internship are **flexible** and fixed by the student and the PhD host
- Internship period (**May 2020 – October 2021**)
- **Grant** for students on a **first come first served basis** (scholarship grant (ca. 800 €/month) and a travel subsidy (ca. 300 €) set by the funding institution

Today's presentation:

- What is BARI?
- How does it work?
- Our achievements
- Benefits of the BARI programme

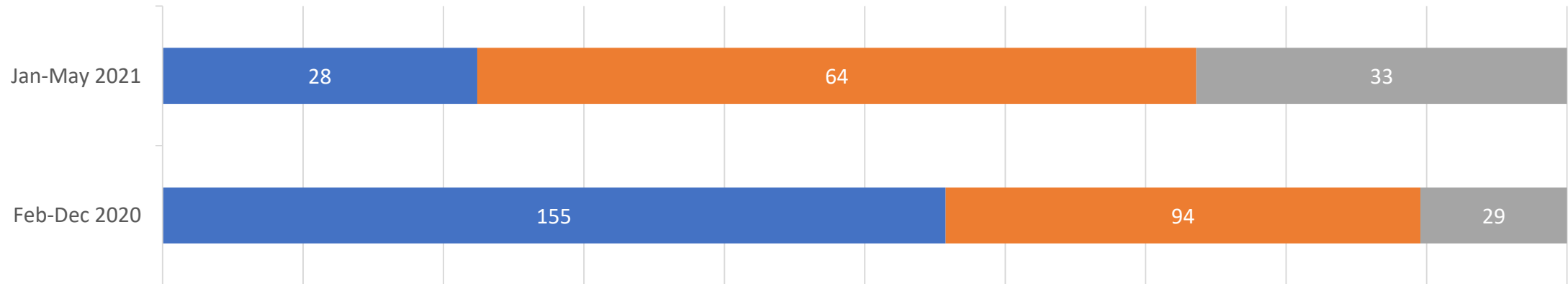
Application portal: activity by month



	Feb - May 20	Jun 20	Jul 20	Aug 20	Sep 20	Okt 20	Nov 20	Dez 20	Jan 21	Feb 21	Mrz 21	Apr 21	Mai 21
■ Scholarships	19	0	5	1	5	0	0	0	4	1	4	13	11
■ Applicants	86	0	5	2	1	0	0	0	4	3	9	22	26
■ Internship Offers	111	0	23	18	2	2	0	0	1	2	6	8	11

■ Internship Offers ■ Applicants ■ Scholarships

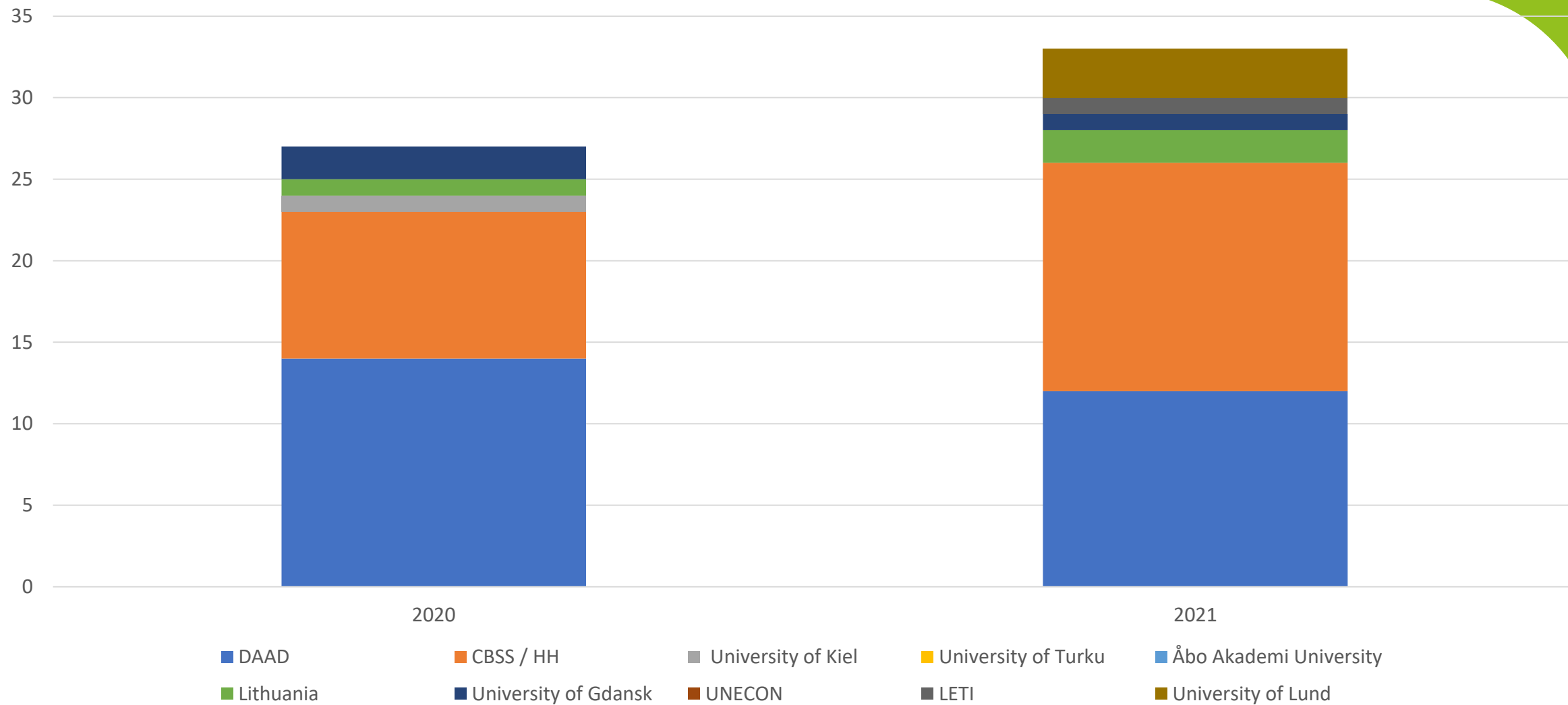
Application portal: activity by year

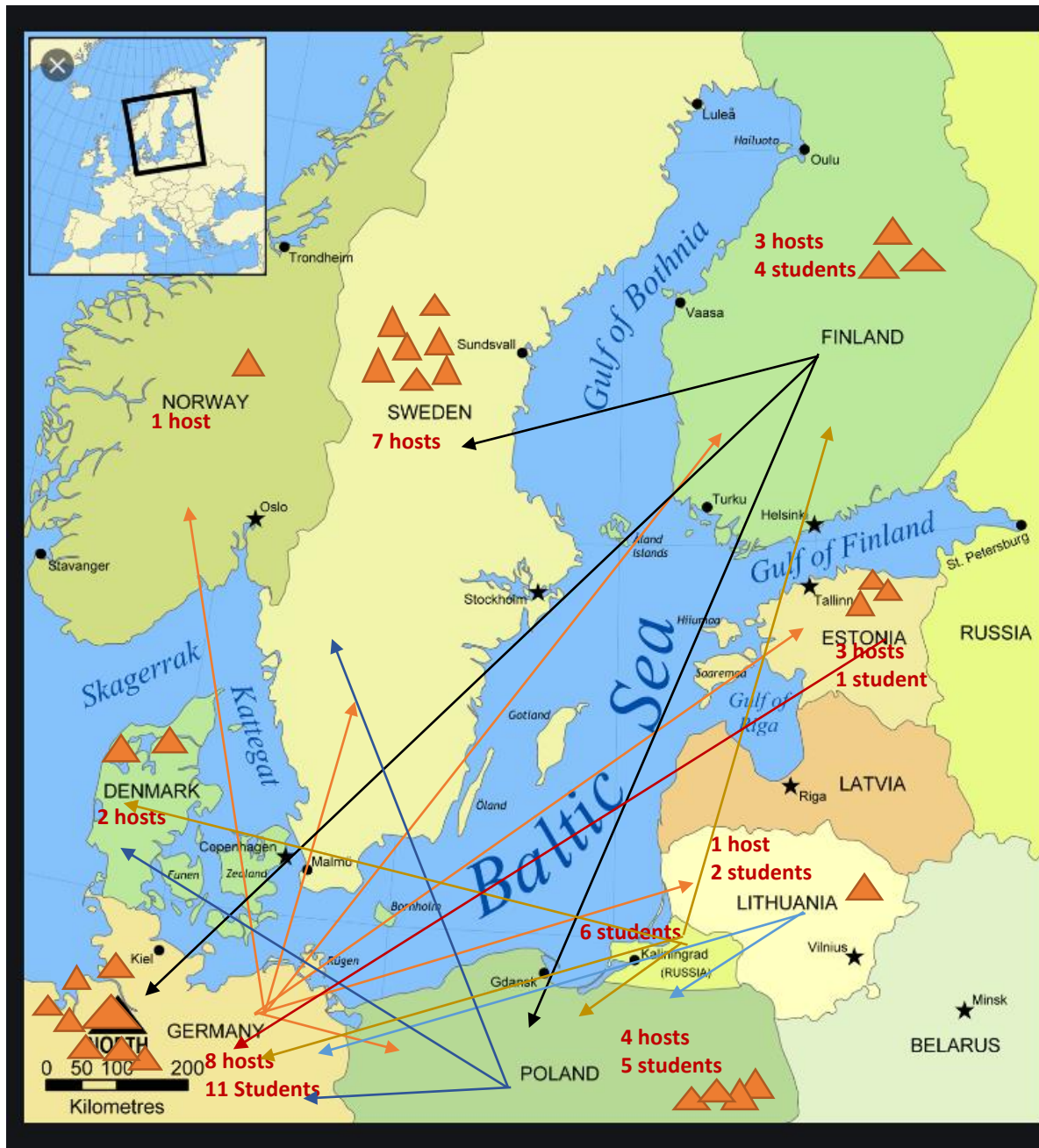


	Feb-Dec 2020	Jan-May 2021
■ Internship positions	155	28
■ Applicants	94	64
■ Scholarships	29	33

■ Internship positions ■ Applicants ■ Scholarships

Scholarships allocated per funding institution





Main universities hosting an internship in 2020/2021:

Biotech Research & Innovation Centre (BRIC), University of Copenhagen
 CENTER FOR HYBRID NANOSTRUCTURES (CHyN), Germany
 Estonian University of Life Sciences
 Forschungszentrum Jülich GmbH
 Leibniz Institute of Photonic Technology
 Linköping University
 Lund University
 Max-Delbrueck-Center for Molecular Medicine, Germany
 Swedish University of Agricultural Sciences
 Tampere University
 Umeå University
 University Medical Center Hamburg-Eppendorf, Psychiatry Neuroimaging Branch
 University of Agriculture in Krakow
 University of Bergen
 University of Greifswald
 University of Kiel
 University of Southern Denmark
 University of Tartu
 University of Turku
 University of Warsaw
 Vilnius University

BARI 2020/2021 in numbers:

Original call (Feb-May 2020)

111 internship positions
(research projects)

86 applications for internship
positions

Covid-19 situation escalated

18 funded internships

July 2020-May 2021

New monthly application
period was developed

Over **30** internship positions
(research projects)

32 funded matches

Despite the pandemic

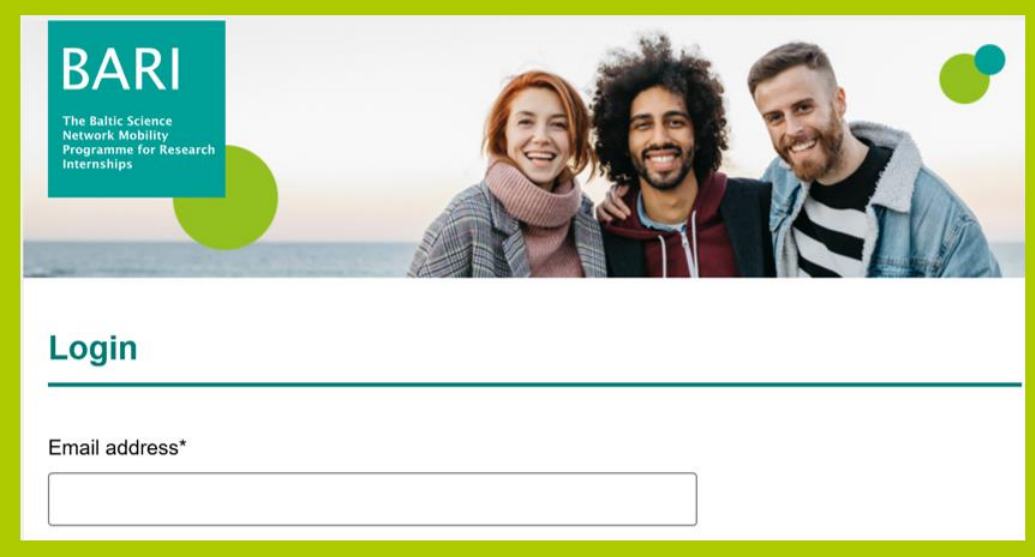
24 internship took place in
2020 and 35 are taking place
since January 2021



How does it work?

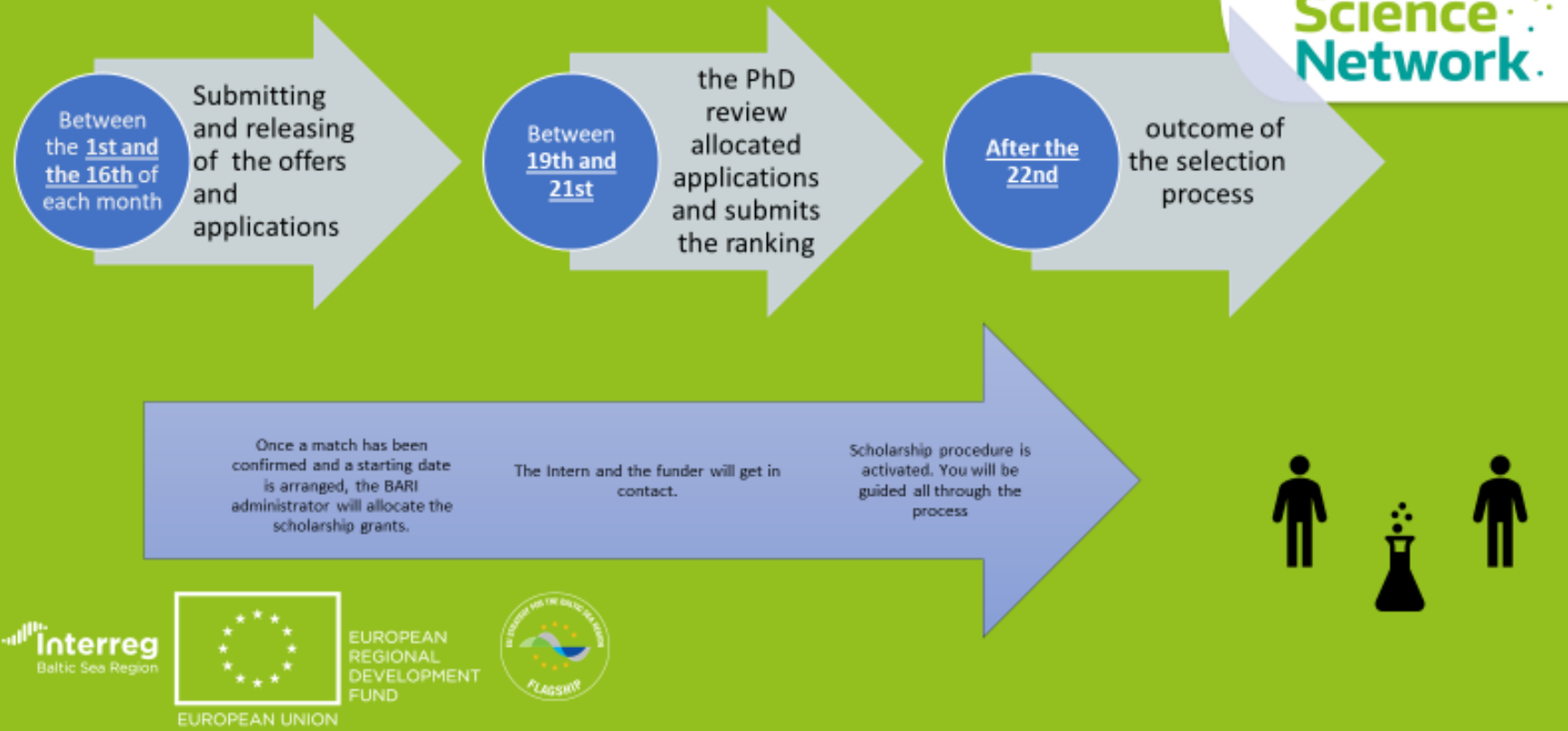
- Online application platform for students to submit an application & for PhD candidates to upload their project offer

<https://www.baltic-science.org/bari/>



The screenshot shows the BARI login interface. At the top left, there is a teal box with the text 'BARI' and 'The Baltic Science Network Mobility Programme for Research Internships'. To the right is a photograph of three smiling people. Below the photo, the word 'Login' is displayed in teal. Underneath is a horizontal line, followed by the label 'Email address*' and a white input field with a thin border.

Ranking / Matching / Internship Allocation



96 Available scholarships 2021:

- **All BSR countries** (incoming and outgoing): **12** (regional quotas)
- **DAAD Germany** (outgoing& incoming) BA students: **13**
- **Hansestadt Hamburg, Germany** (incoming and outgoing) BA & MA: **18**
- **University of Kiel, Germany** (incoming&outgoing) BA & MA: **3**
- **University of Turku, Finland** (outgoing) BA & MA: **4**
- **Åbo Akademi University, Finland** (outgoing) BA & MA: **2**
- **Lithuania** (outgoing) BA & MA students: **9**
- **St. Petersburg State University of Economics, Russia (UNECON)** (outgoing) MA students: **4**
- **Saint-Petersburg Electrotechnical University LETI, Russia** (outgoing) MA students: **1**
- **University of Lund, Sweden** (outgoing) MA students: **30**

What is BARI?



Baltic Science Network Mobility Programme for Research Interns
(pilot project, funded interreg):

Research internships in
photon & neutron sciences,
life sciences and welfare
state

- 2 to 12 weeks
- Monthly calls for applications
- Flexible start & end date
- Scholarship grants & travel allowance

BA/MA students

- from (BSR) universities
- opportunity to complete a research internship at a top BSR university or research institution

PhD candidates

- from the BSR
- possibility to invite an intern from the region to assist them with the research work.