

# WP2 – Transnational Access

2<sup>nd</sup> General Assembly, Padova

Axel Boeltzig, May 2022

# Overview

Provider	Infrastructure	Country	Call 1		Call 2		Call 3		Call 4		Call 5	Overall		
			Submitted	Accepted	Submitted	Accepted	Submitted	Accepted	Submitted	Accepted	Submitted	Submitted	Accepted	Eval
HZDR	DREAMS	DE										0	0	0
HZDR	Felsenkeller	DE			1	1	1	0			1	2	1	1
UNIVIE	VERA	AT					1	1				1	1	0
IANA BAS	Rozhen Observatory	BG					2	1	1	0		3	1	0
ASU	Ondrejov Observatory	CZ	1	1			1	1	1	0	1	3	2	1
AU	Northern Optical Telescope	DK	2	1			2	1			2	4	2	2
GUF	VdG	DE					1	0	1	1		2	1	0
PTB	PIAF	DE	1	1								1	1	0
UoC	10MV FN-Tandem	DE										0	0	0
ATOMKI	Cyclotron	HU			1	1						1	1	0
VU	Moletai Observatory	LT	1	1			1	1	1	0	1	3	2	1
IFIN-HH	3MV Tandetron	RO							1	1		1	1	0
UHULL	HPC Viper	UK							2	2		2	2	0
<b>Total</b>			<b>5</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>9</b>	<b>5</b>	<b>7</b>	<b>4</b>	<b>5</b>	<b>23</b>	<b>15</b>	<b>5</b>

# Proposal Success Rates

## By number of proposals

	Overall	Laboratories	Telescopes	HPC
<b>Submitted</b>	23	8	13	2
<b>Accepted</b>	15	6	7	2
<b>Rate</b>	65,2%	75,0%	53,8%	100,0%

## By access budget

	Overall	Laboratories	Telescopes	HPC
<b>Submitted</b>	210.312 €	90.232 €	102.080 €	18.000 €
<b>Accepted</b>	118.430 €	65.924 €	42.506 €	10.000 €
<b>Rate</b>	56,3%	73,1%	41,6%	55,6%

This includes partially granted proposals.

# Overall Budget

	<b>Overall</b>	<b>Laboratories</b>	<b>Telescopes</b>	<b>HPC</b>
<b>Total Budget</b>	850.992 €	345.220 €	297.772 €	160.000 €
<b>Proposals (#1-4)</b>	24,7%	26,1%	34,3%	11,3%
<b>Accepted (#1-4)</b>	13,9%	19,1%	14,3%	6,3%
<b>Evaluation (#5)</b>	6,4%	8,7%	8,1%	0,0%

14 Calls will be held in total

4 Calls evaluated = 28.6%

1 Call under evaluation = 7.1%

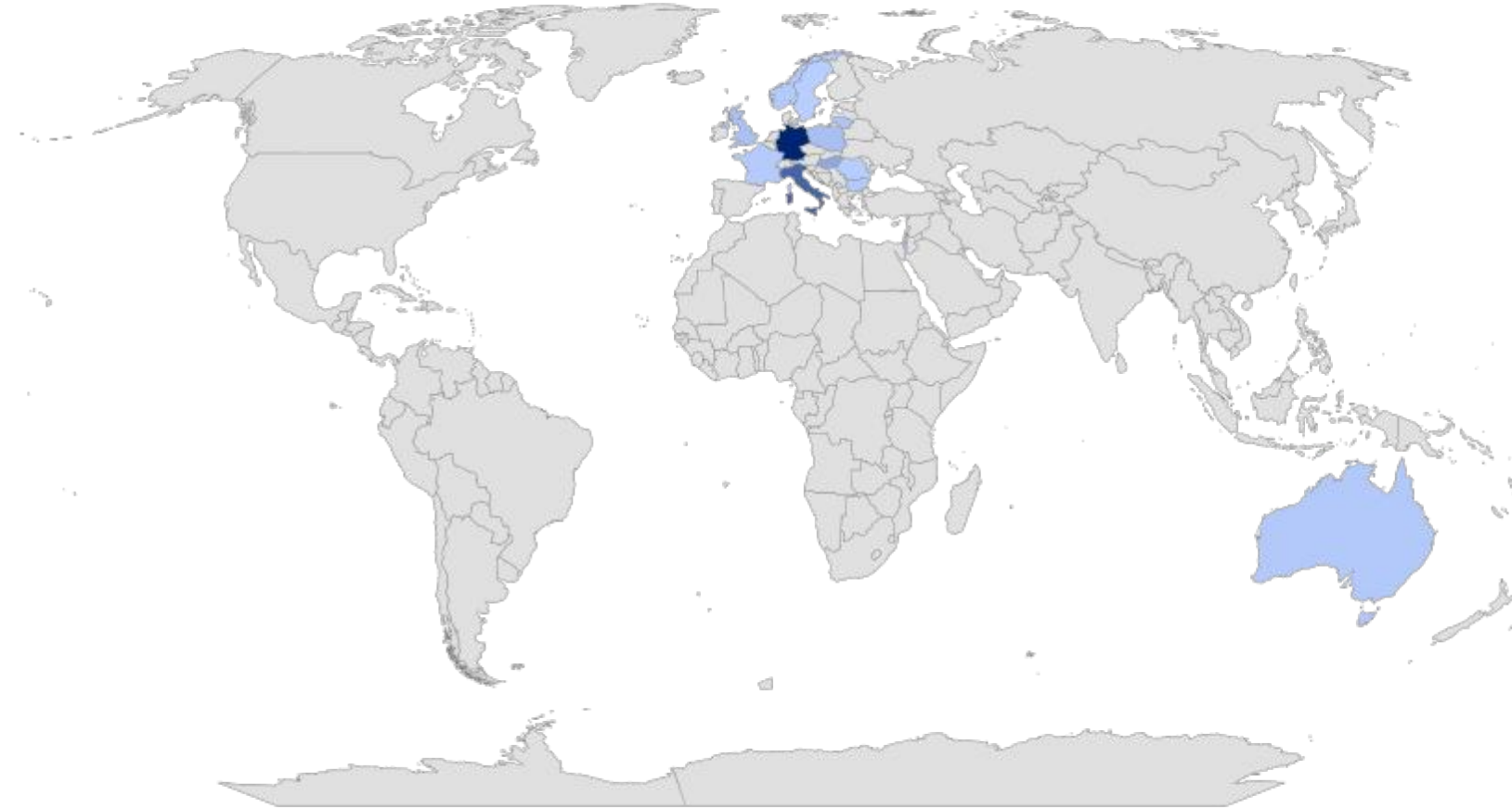
# Facility Budget

Provider	Infrastructure	Country	Requested	Accepted	Under Evaluation
HZDR	DREAMS	DE	0,0%	0,0%	0,0%
HZDR	Felsenkeller	DE	25,6%	15,4%	51,3%
UNIVIE	VERA	AT	57,0%	50,0%	0,0%
IANA O BAS	Rozhen Observatory	BG	65,0%	15,0%	0,0%
ASU	Ondrejov Observatory	CZ	17,5%	10,0%	7,5%
AU	Northern Optical Telescope	DK	35,0%	15,0%	10,0%
GUF	VdG	DE	4,7%	2,3%	0,0%
PTB	PIAF	DE	45,7%	34,3%	0,0%
UoC	10MV FN-Tandem	DE	0,0%	0,0%	0,0%
ATOMKI	Cyclotron	HU	50,0%	32,1%	0,0%
VU	Moletai Observatory	LT	18,1%	13,9%	8,3%
IFIN-HH	3MV Tandetron	RO	6,3%	6,3%	0,0%
UHULL	HPC Viper	UK	11,3%	6,3%	0,0%

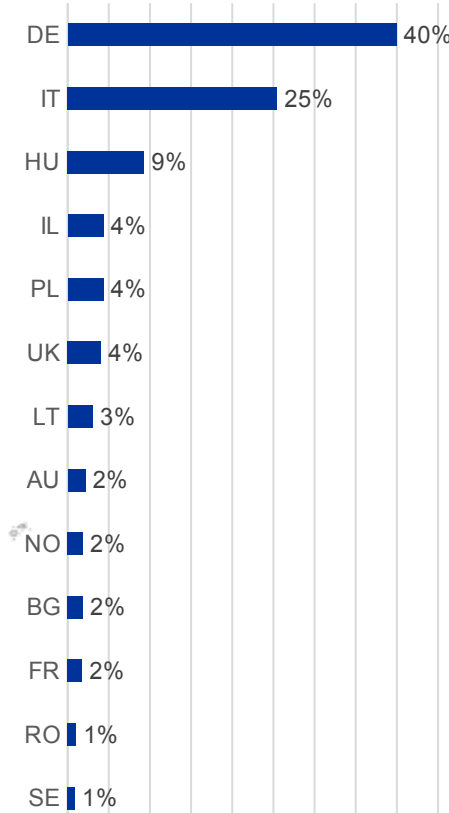
„Accepted“ does not include over-provisioning (numbers currently being collected with reporting).

# Geographic Distribution of Proposers

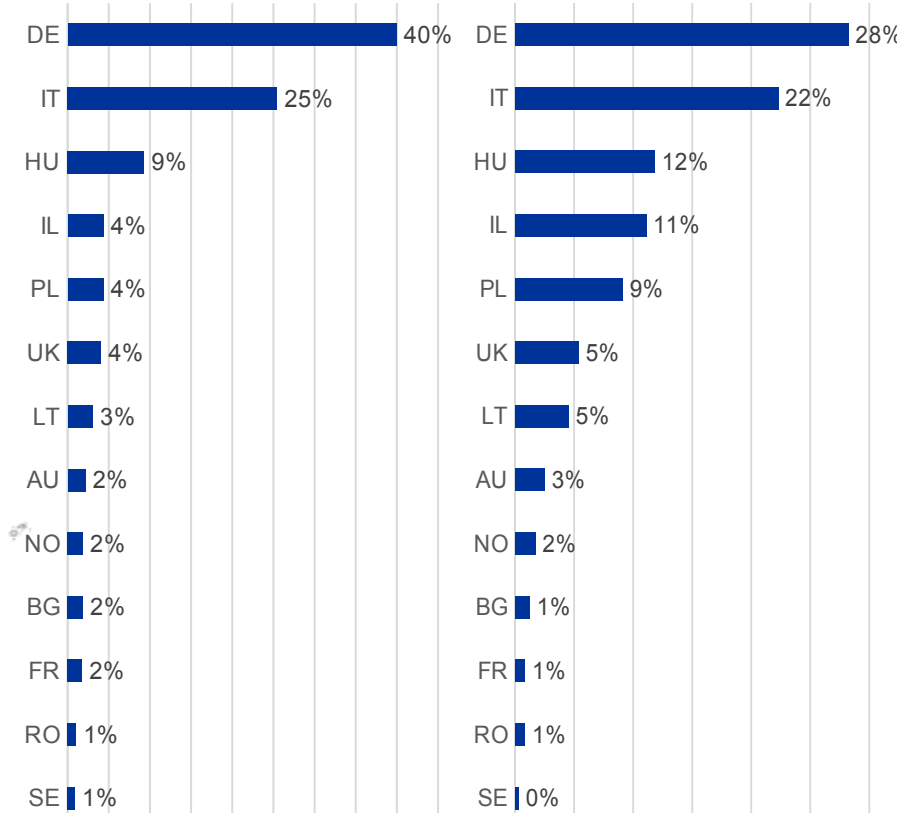
## Submitted Proposals (Calls 1-5)



### All proposals same weight



### Proposal weight ~ Access Cost



(proposals split equally among proposers)

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# Advertising for Transnational Access

## Information:

ChETEC-INFRA website + facility websites

## TNA Events:

Presentation of TNA program, Facility presentations & virtual tours, Q&A  
7 Facilities presented, to be continued

## TNA Office Hours:

Weekly open Zoom room  
Low-threshold opportunity for Q&A

## Mailing Lists:

ChETEC-INFRA, ChETEC, IReNA  
Distribution through other channels encouraged!

## Conferences:

Slide template available – please consider adding them to your slides

**EU supported access to 13 infrastructures**

ChETEC INFRA [ketek-infra]

Chemical Elements as Tracers of the Evolution of the Cosmos – Infrastructures for Nuclear Astrophysics

chetic-infra.eu

chetic-infra.eu/tna

- Felsenkeller, DE: Underground ion accelerator
- DREAMS, DE: Accelerator Mass Spectrometry
- VERA, AT: Accelerator Mass Spectrometry
- Rozhen, BG: Ritchie-Chretien-Coudé telescope (2 m)
- Perek, CZ: 2-m telescope
- NOT, La Palma, ES: Nordic Optical Telescope (2.56 m)
- Frankfur, DE: Quasi-Maxwellian neutron generator
- PIAF, DE: Almost mono-energetic and 'white' neutrons
- Cologne, DE: 10MV Tandem ion accelerator
- ATOMKI, HU: MGC-20 cyclotron for H, <sup>3</sup>H, <sup>4</sup>He, and <sup>7</sup>He
- Molétai, LT: Ritchie-Chretien telescope (1.65 m)
- IFIN-HH, RO: Tandatron ion accelerators
- VIPER, UK: High Performance Computing

This project has received funding from the EU's Horizon 2020 programme under grant agreement 101019702.

- Felsenkeller 3 MV underground ion accelerator, HZDR, Dresden, Germany
- DREAMS: DRAGON Accelerator Mass Spectrometry, HZDR, Dresden, Germany
- VERA: Vienna Environmental Research Accelerator, University of Vienna, Austria
- Rubin National Astronomical Observatory Chajnikovo, Bulgaria
- Peak 2 on Teide, Astronomical Institute of the Czech Academy of Sciences, Ondřejov, Czech Republic
- NOT: Nordic Optical Telescope, La Palma, Canary Islands, Spain
- Frankfurt Van de Graaff accelerator, Goethe University Frankfurt, HZDR, Germany
- PIAF: PIAF Ion Accelerator Facility, Braunschweig, Germany
- Cologne 10 MV FN tandem accelerator, University of Cologne, Cologne, Germany
- ATOMKI Cyclotron, Debrecen, Hungary
- MAO: Major National Astronomical Observatory, Vilnius University, Lithuania
- IFIN-HH: Ion Accelerator, Institute for Nuclear Research, Budapest, Hungary
- VIPER: High Performance Computing, University of Exeter, Exeter, UK

# Summary

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- 4 Calls for Proposals Evaluated, 5<sup>th</sup> call under evaluation
- First projects in reporting phase – about to be concluded
- Underproportional spending of access costs in calls 1-4
- Two facilities without proposals in calls 1-5. (MS3)  
– some other facilities with overproportional demand
- No interdisciplinary proposals, yet.
- Room for more proposals to be received – advertisement crucial