This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101008324 (ChETEC-INFRA).

WP2 – Transnational Access Status and Developments

3rd General Assembly, Debrecen

Axel Boeltzig, June 2023

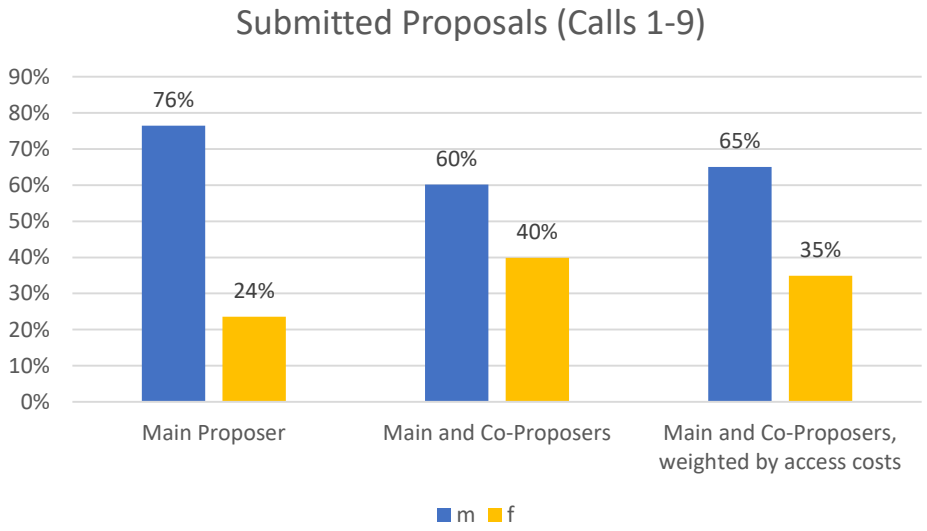
Axel Boeltzig, HZDR, a.boeltzig@hzdr.de, chetec-infra.eu

Overview of Proposals

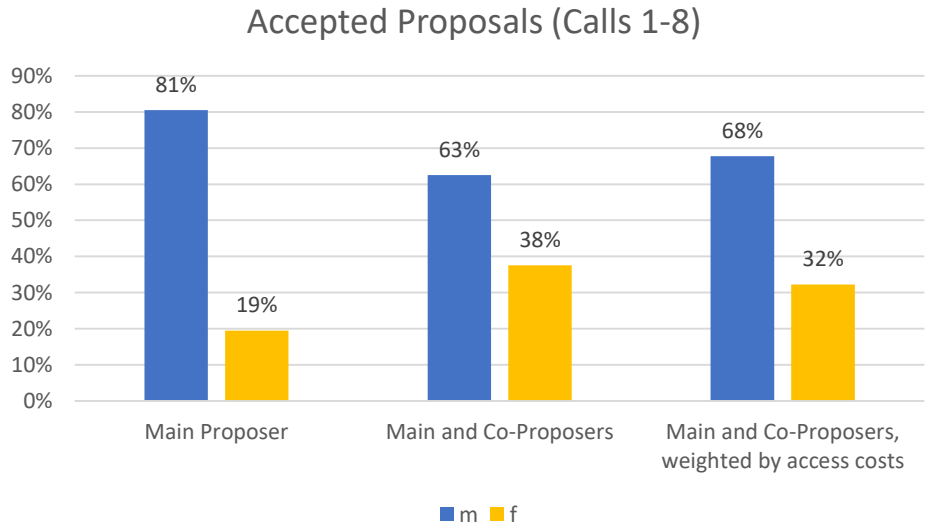
Provider	Infrastructure	Country	Call 1/2		Call 3/4		Call 5/6		Call 7/8		Call 9	Overall		
			Submitted	Accepted	Submitted	Accepted	Submitted	Accepted	Submitted	Accepted	Submitted	Submitted	Accepted	Eval
HZDR	DREAMS	DE							1	1		1	1	0
HZDR	Felsenkeller	DE	1	1	1	0	1	1	1	1	2	6	3	2
UNIVIE	VERA	AT			1	1						1	1	0
IANAO BAS	Rozhen Observatory	BG			3	2	1	1	1	1	1	6	4	1
ASU	Ondrejov Observatory	CZ	1	1	2	1	2	2	1	1	1	7	5	1
AU	Northern Optical Telescope	DK	2	1	2	1	2	2	3	3	1	10	7	1
GUF	VdG	DE			2	1			1	1		3	2	0
PTB	PIAF	DE	1	1								1	1	0
UoC	10MV FN-Tandem	DE					1	1				1	1	0
ATOMKI	Cyclotron	HU	1	1								1	1	0
VU	Moletai Observatory	LT	1	1	2	1	3	3	1	1	1	8	6	1
IFIN-HH	3MV Tandetron	RO			1	1					1	2	1	1
UHULL	HPC Viper	UK			2	2			2	2		4	4	0
Total			**7**	**6**	**16**	**10**	**10**	**10**	**11**	**11**	**7**	**51**	**37**	**7**

Axel Boeltzig, HZDR, a.boeltzig@hzdr.de, chetec-infra.eu

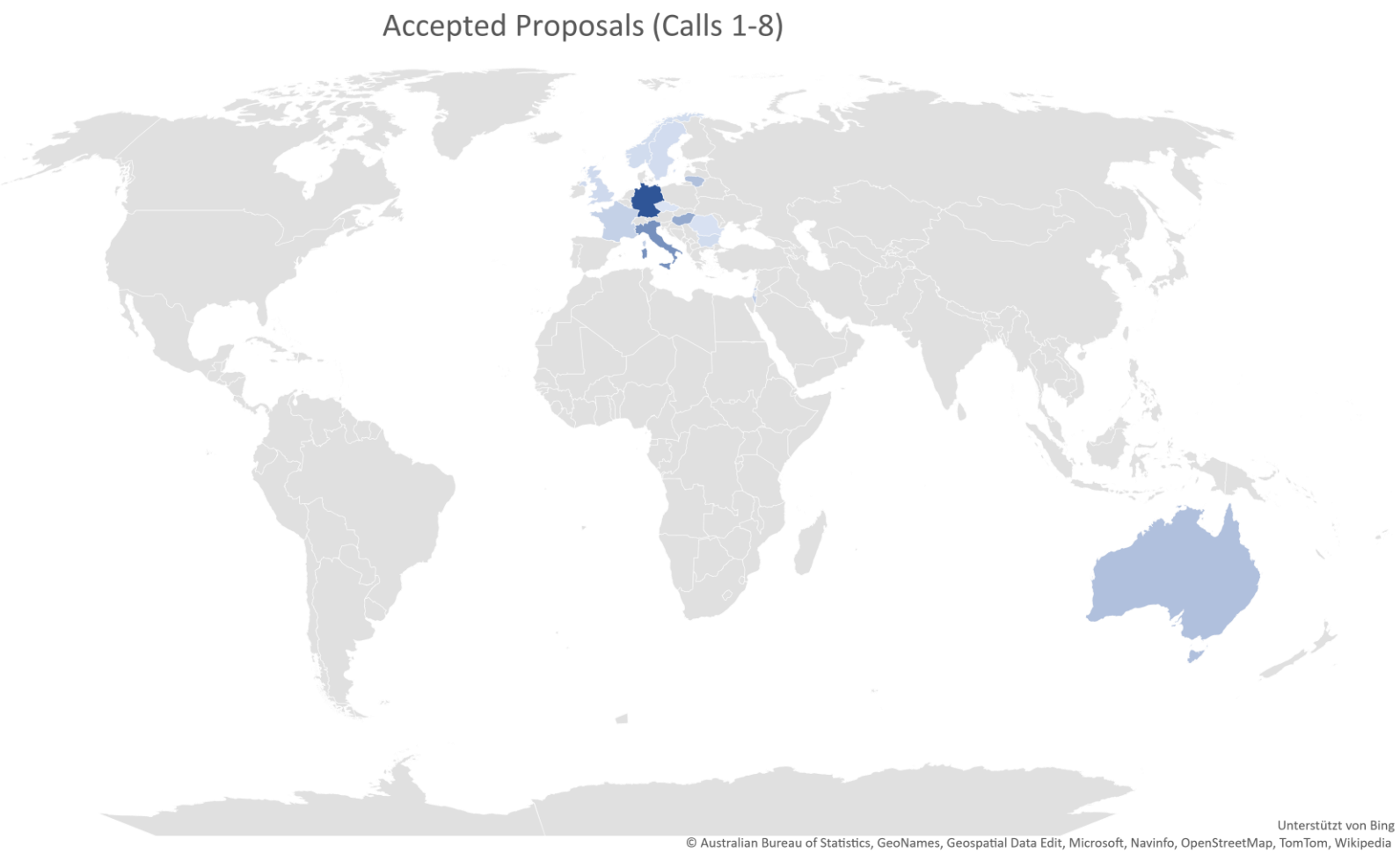
Transnational Access Proposals & Funding

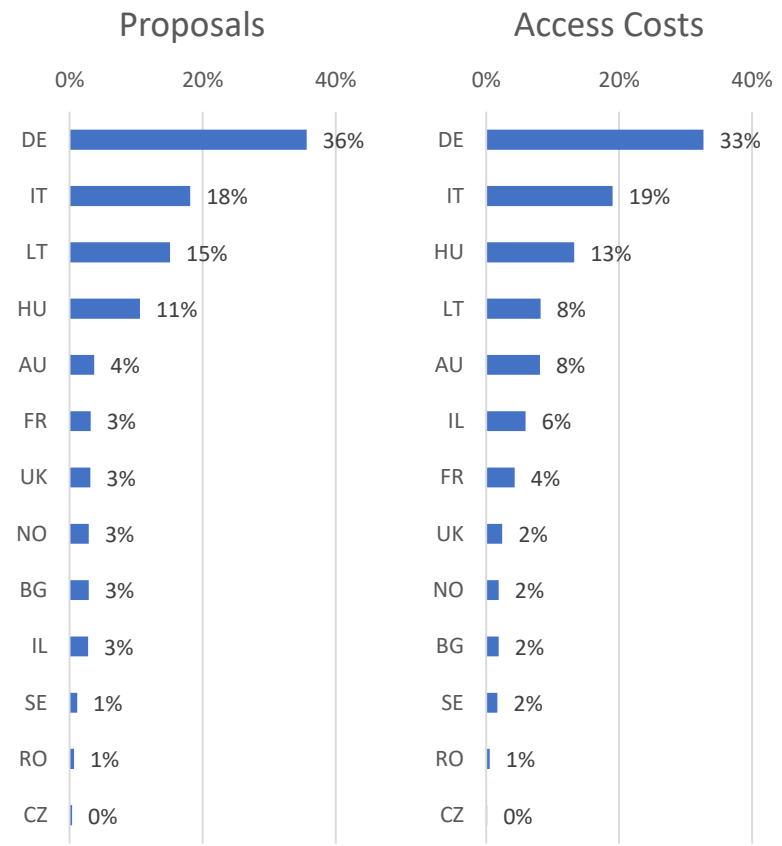


User Selection Panel Evaluation



Transnational Access – Awarded Access Time





(proposals split equally among proposers)

Proposal Success Rates

By number of proposals

	Overall	Laboratories	Telescopes	HPC
Submitted	44	13	27	4
Accepted	37	11	22	4
Rate	84%	85%	81%	100%

Measures to improve success rate:

- Revised templates
- Extended “sanity check”
- Pre-USP meeting feedback to proposers

Proposals per Facility

	Felsenkeller	DREAMS	VERA	Rozhen	Perek	NOT	Frankfurt	PIAF	Cologne	ATOMKI	MAO	IFIN-HH	VIPER
	hour	hour	hour	night	night	night	hour	hour	hour	hour	night	hour	cpu-hour
Units in Proposal	975	160	200	20	40	40	768	140	480	280	72	800	8.000.000
Accepted in Calls 1-8	1.000	100	100	15	16	15	118	48	5	90	21	120	1.600.000
Relative to Proposal	103%	63%	50%	75%	40%	38%	15%	34%	1%	32%	29%	15%	20%
after 57% of the calls													
Proposed in Call 9	720	0	0	6	6	5	0	0	0	0	5	200	0
Relative to Proposal	74%	0%	0%	30%	15%	13%	0%	0%	0%	0%	7%	25%	0%
in 7% of the calls													

14 Calls will be held in total

8 Calls evaluated = 57%

1 Call under evaluation = 7%

Executive Board Decision on TA Pooling

- Executive Board from December 12, 2022

The main features of TA user access under ChETEC-INFRA are:

- Central web-based interface for all users and all facilities
- Central USP for all TA facilities
- Unique format for technical, safety, and administrative check list by user
- Pooled TA for +/-20% flexibility
- Projects require also approval of local facility access board or local facility director in order to run
- Plane, train, hotel arrangements for user done by TA facility
- Support for training prior to TA visit
- Central web-based interface for reporting and publications

Taken from the proposal, p. 80

Access pooling is mentioned also in several other places in the proposal.

Proposal discussed, voted and accepted by Executive Board:

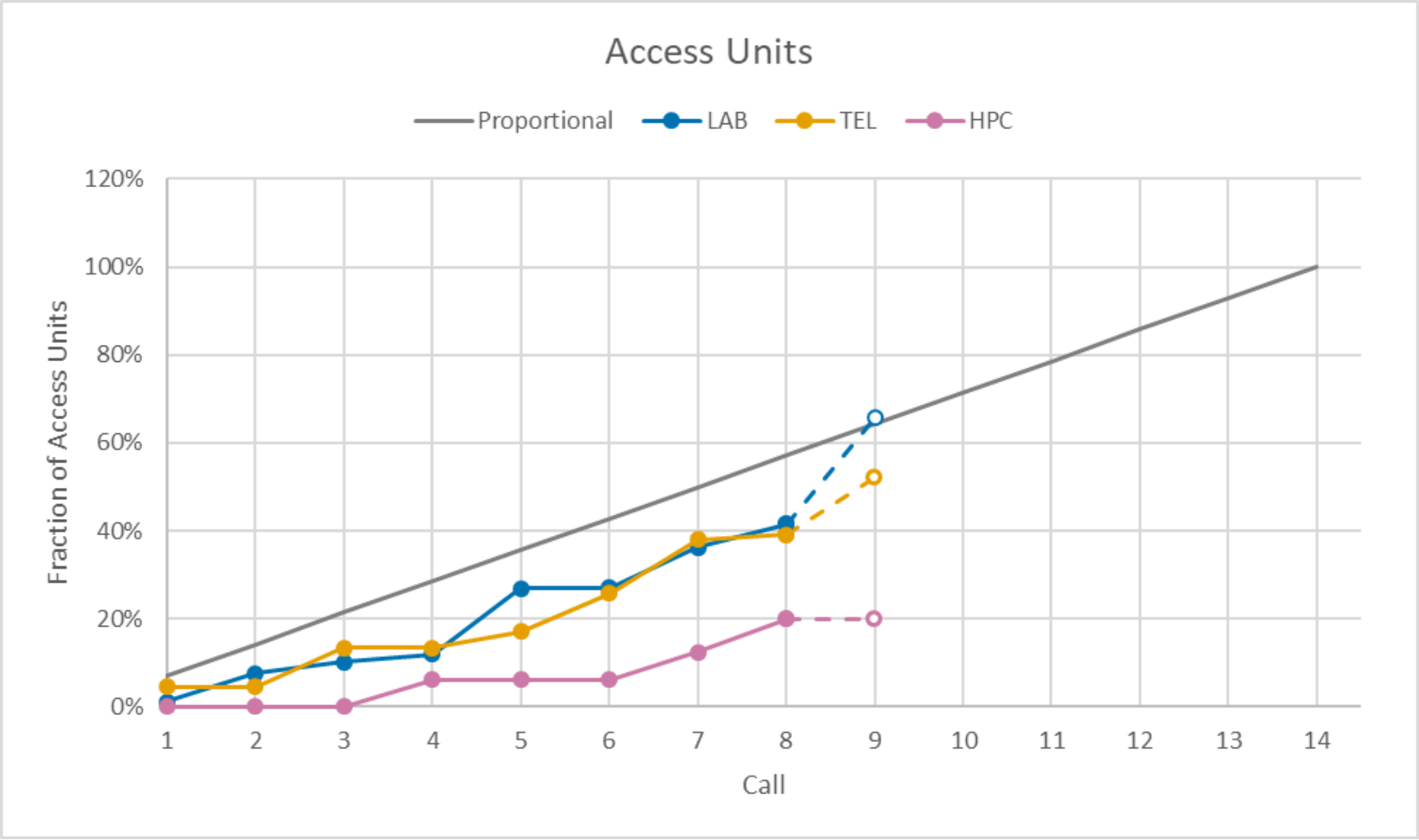
1. The EB lifts the limitation of 20% relative to the original estimate, and grants **full flexibility** to the User Selection Panel in assigning TNA proposals that they deem scientifically sound and worthwhile.

2. The Transnational Access Coordinator shall report every six months to the EB in details on the statistics of TNA proposals, broken down by facilities and in accepted and rejected proposals.

3. The EB reserves the right to fix a new table of estimated access provision at a later point in time.

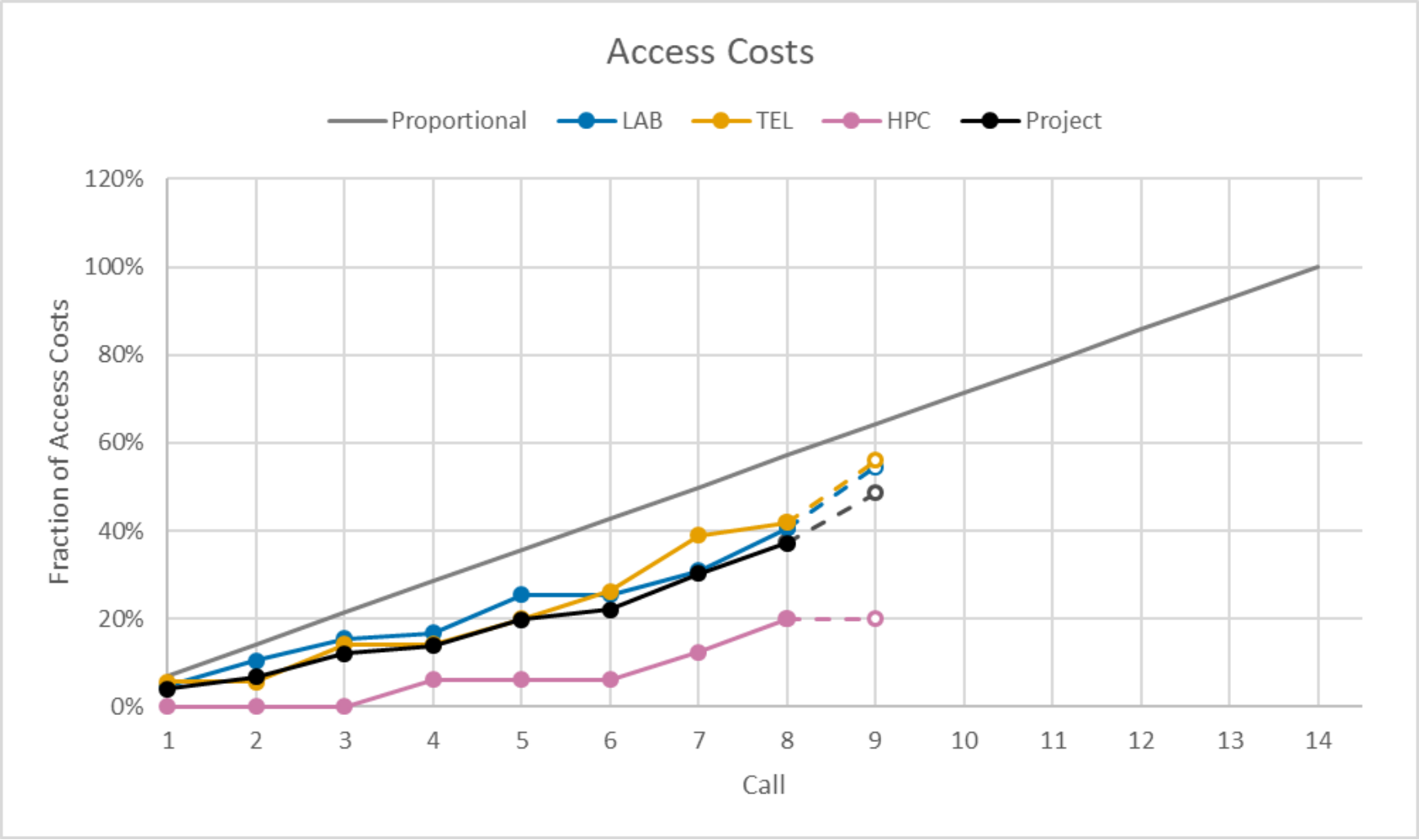
4. The individual facility managers are requested to actively recruit users for their own facility and to report on these efforts.

TA Provisioning Goals



Axel Boeltzig, HZDR, a.boeltzig@hzdr.de, chetec-infra.eu

TA Provisioning Goals



Axel Boeltzig, HZDR, a.boeltzig@hzdr.de, chetec-infra.eu

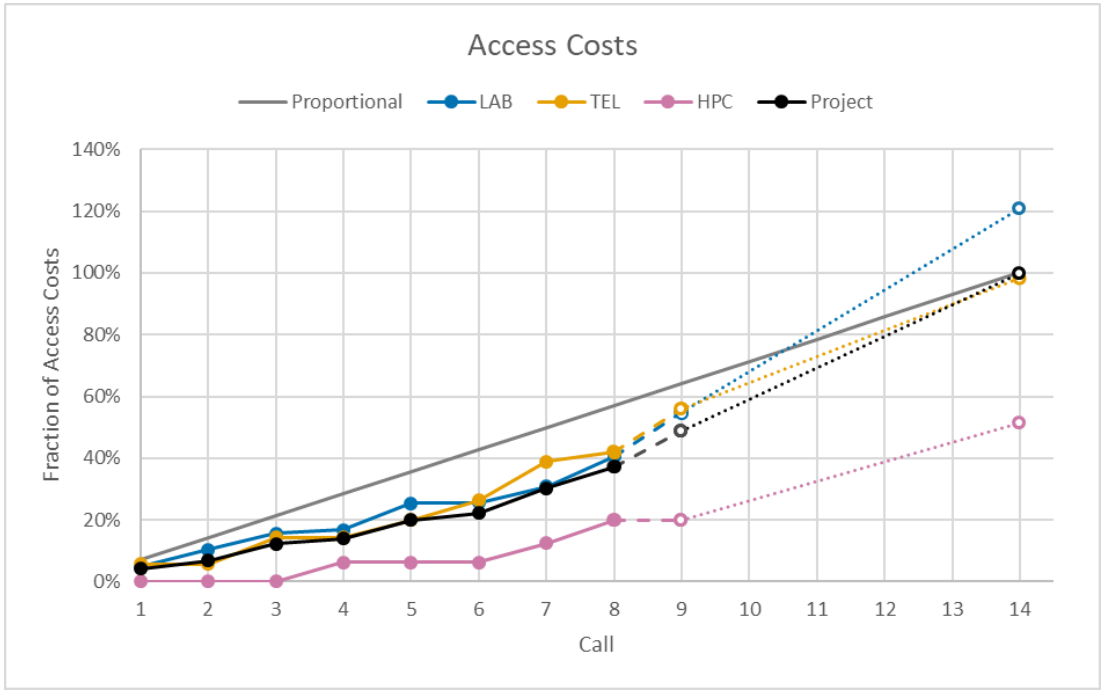
TA Provisioning Strategy

	Felsenkeller	DREAMS	VERA	Rozhen	Perek	NOT	Frankfurt	PIAF	Cologne	ATOMKI	MAO	IFIN-HH	VIPER	**Sum**
	hour	hour	hour	night	night	night	hour	hour	hour	hour	night	hour	cpu-hour	
Coordinator's "wish list" for remaining calls 10-14	1400	200	200	7	12	19,67	100	50	120	190	9	400	2.500.000	
Estimated Total Units	3.120	300	300	28	34	40,00	218	98	125	280	35	720	4.100.000	
Relative	320%	188%	150%	140%	85%	100%	28%	70%	26%	100%	49%	90%	51%	
														Sum
Estimated Total Budget	187.200 €	84.000 €	60.000 €	56.000 €	27.200 €	175.372 €	21.800 €	38.024 €	7.500 €	42.000 €	24.500 €	43.200 €	82.000 €	848.796 €
Relative	320%	188%	150%	140%	85%	100%	28%	70%	26%	68%	49%	90%	51%	100%

Status of TA provisioning discussed with TA facilities on May 24.

Table / graph represents possible TA estimate / strategy which would utilize project TA resources in full.

Not set in stone, flexible adjustments according to proposals received.



Advertising for Transnational Access

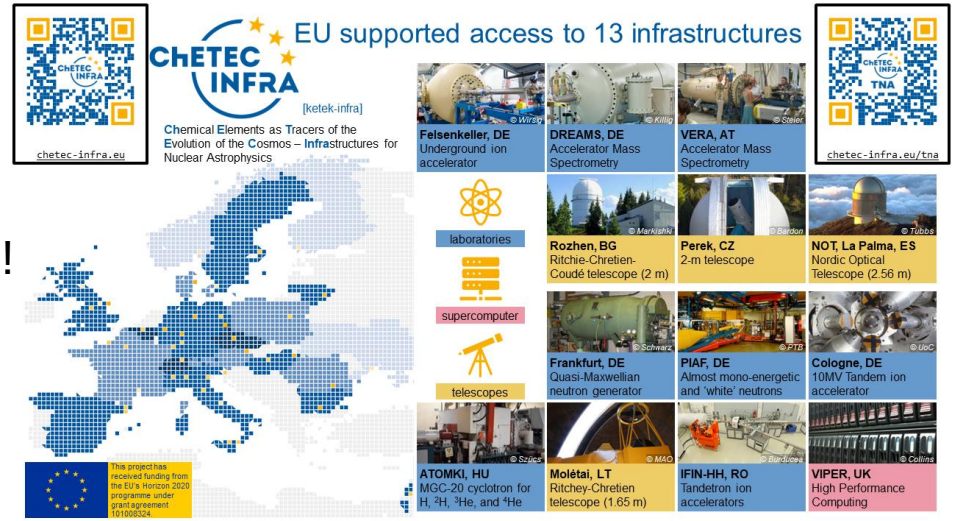
Information:
ChETEC-INFRA website + facility websites

TNA Events:
Presentation of TNA program, Facility presentations & virtual tours, Q&A

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 for use



Summary

- 8 Calls for Proposals evaluated, 9th call under evaluation
- Underproportional spending of access costs in calls 1-8,
  but uptake in demand observed, strategy for remaining calls discussed.
- All 13 facilites with at least one accepted proposal.
  Not yet all facilities with project reported as complete (MS3 pending).
- 5 Calls for proposals remain: advertisement / active recruitment of users remains crucial to make best use of the available resources