



HySchool:

Concept and status

HySchool Days 2025

2 April 2025

National research schools

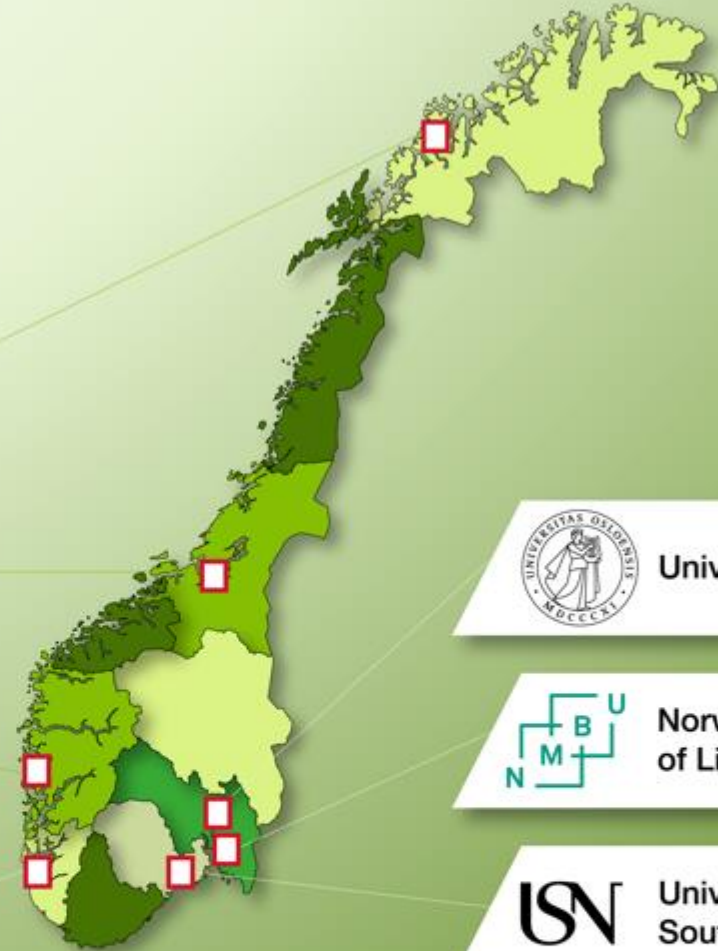
A research school <i>shall</i> be responsible for:	A research school <i>can</i> also offer:	A research school is <i>not</i> responsible for:
<ul style="list-style-type: none"> • Offer professional courses of high quality and high relevance for a broader labour market. • Contribute to renewal and improved quality of the doctoral education. • Offer national and international professional networks. • Individual follow-up ... (!!! ???) (Criterion mentioned in call text) 	<ul style="list-style-type: none"> • Training in general skills, career planning, internships, and other work-related activities. • Participation in international courses and workshops. • Shorter research stays at other national or international institutions. • Measures to strengthen supervision. 	<ul style="list-style-type: none"> • Recruitment to research. • Dropout. • Age at graduation/defence. • Completion time. • Formalised individual supervision. • Approval of courses. • Longer research stays abroad (> 3 months).

□ University of Tromsø 

□ Norwegian University of Science and Technology 

□ University of Bergen 

□ University of Stavanger 



 University of Oslo □

 Norwegian University of Life Sciences □

 University of South-Eastern Norway □

Objectives

The primary objective of HySchool is to contribute to the global energy transition by enhancing the quality of Norwegian doctoral training on the use of hydrogen and hydrogen-based fuel as energy carriers.

Secondary objectives that support this aim include:

- To create positive learning experiences for PhD candidates.
- To create a meeting place for PhD candidates and supervisors from different institutions and disciplines.
- To facilitate networking and mobility for PhD candidates.
- To offer arenas where PhD candidates can develop competence and skills.
- To expose PhD candidates to real-life challenges from industry and society.
- To develop courses and promote teaching practices and interdisciplinary research methods that prepare PhD candidates for solving complex problems.
- To promote best practices for open and responsible research.
- To secure high relevance of Norwegian doctoral education on hydrogen and hydrogen-based fuels for the labour market.

HySchool

HySchool is organised in four *work packages* (WPs 1-4) and five *topical areas* (TAs 1-5). The WPs represent operational aspects, and the TAs cover the value chains for hydrogen and hydrogen-based energy carriers, including overarching and cross-cutting topics.

The Project Management Team (PMT) comprises the Scientific Director, the Project Coordinator, and the TA Managers. The PMT coordinates the activities in the WPs and reports to the Board.

The Board comprises two members per academic partner, 1 supervisor/researcher and 1 PhD candidate. In addition, the Board will have representatives from the labour market. Forums for students, supervisors and innovation/ethics advise the Board.

TA1: Society & environment

TA1 Manager: **Ove Njå** (UiS)

TA2: Production

TA2 Manager: **Hilde Johnsen Venvik** (NTNU)

TA3: Storage & distribution

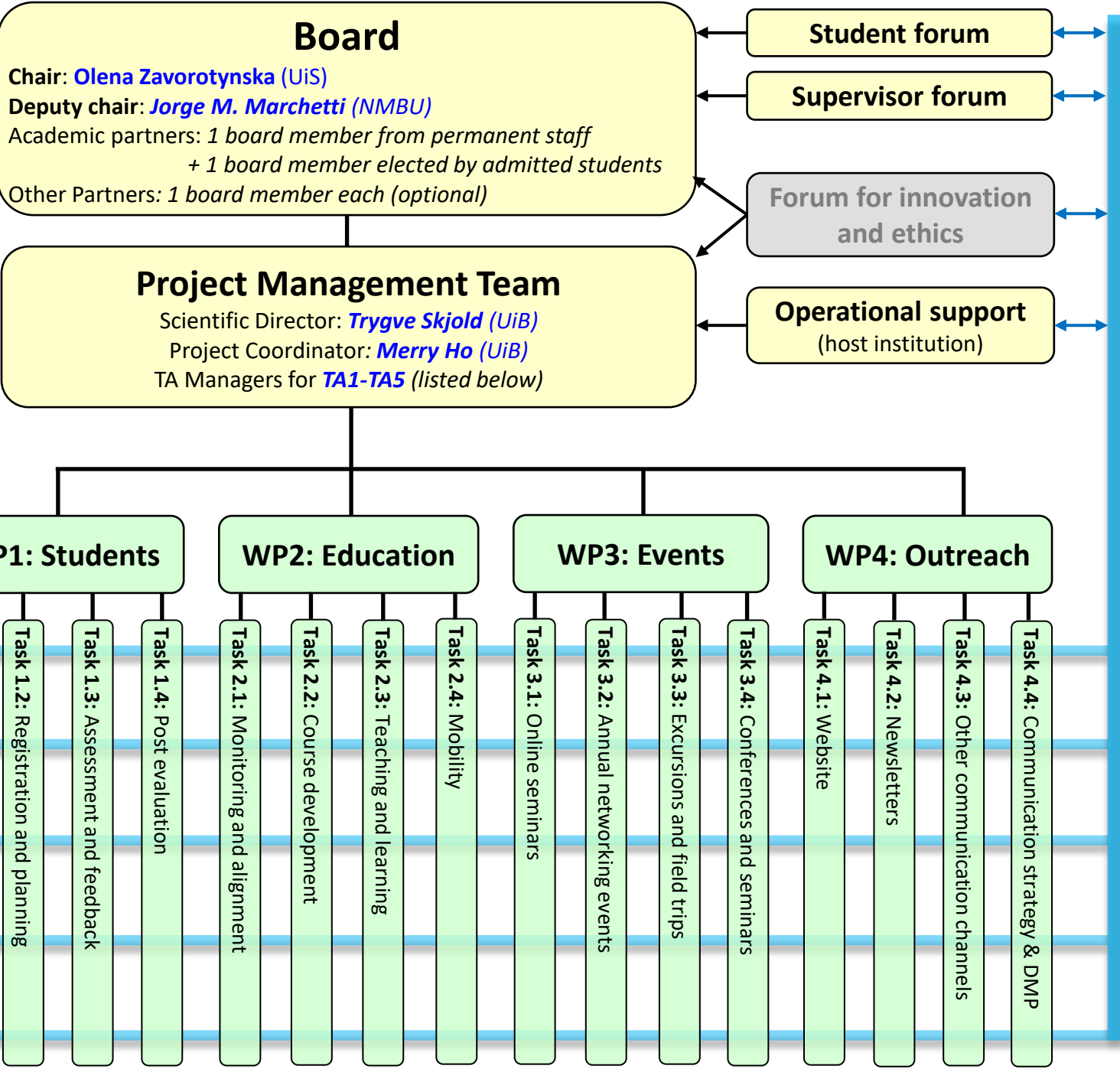
TA3 Manager: **Sabrina Sartori** (UiO)

TA4: Applications

TA4 Manager: **Knut Vågsæther** (USN)

TA5: Safety

TA5 Manager: **Nicola Paltrinieri** (NTNU)



Topical areas

TA1: SOCIETY & ENVIRONMENT

RCS & GOVERNANCE

TA2: PRODUCTION

RCS

TA3: STORAGE & DISTRIBUTION

RCS

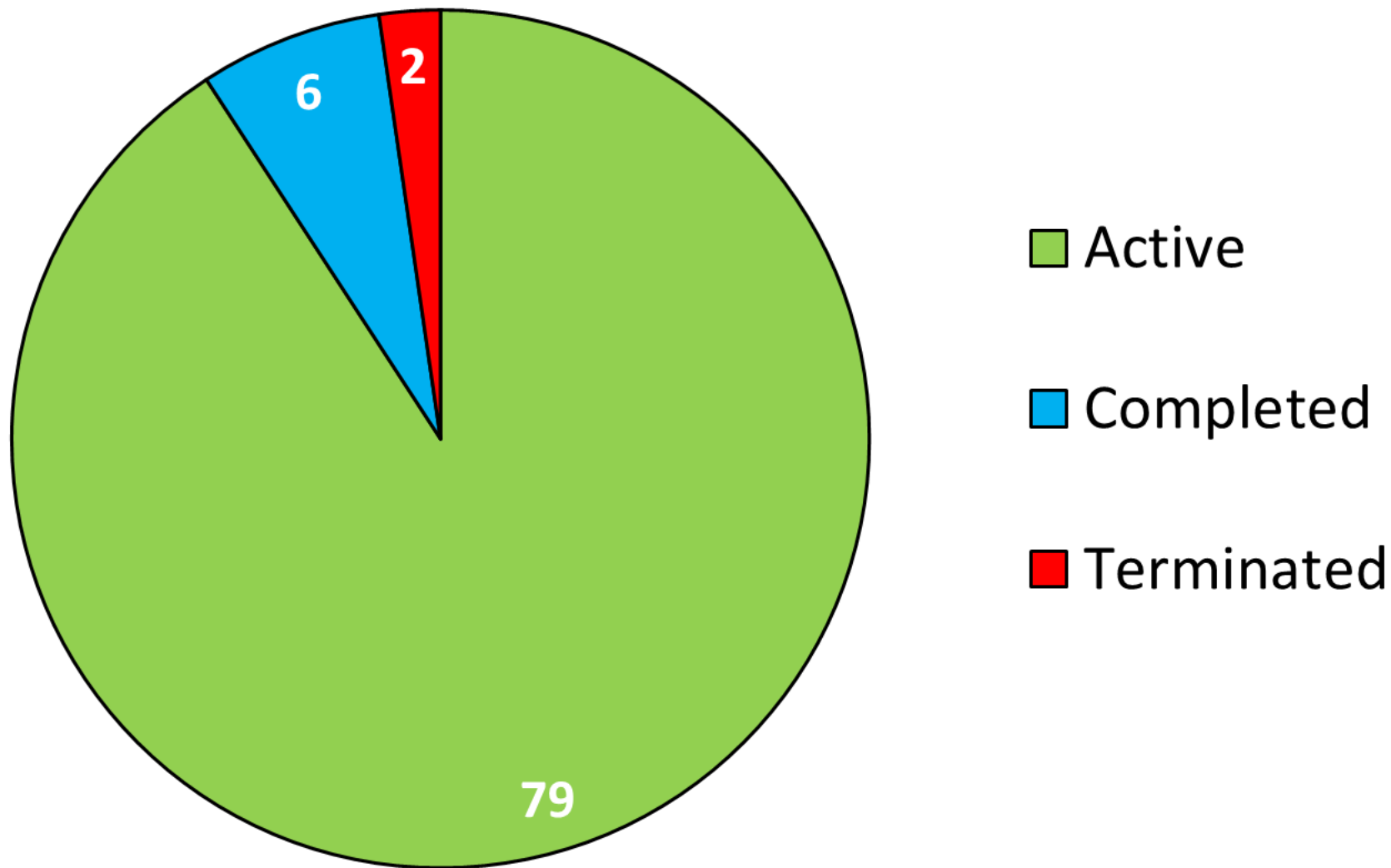
TA4: APPLICATIONS

RCS

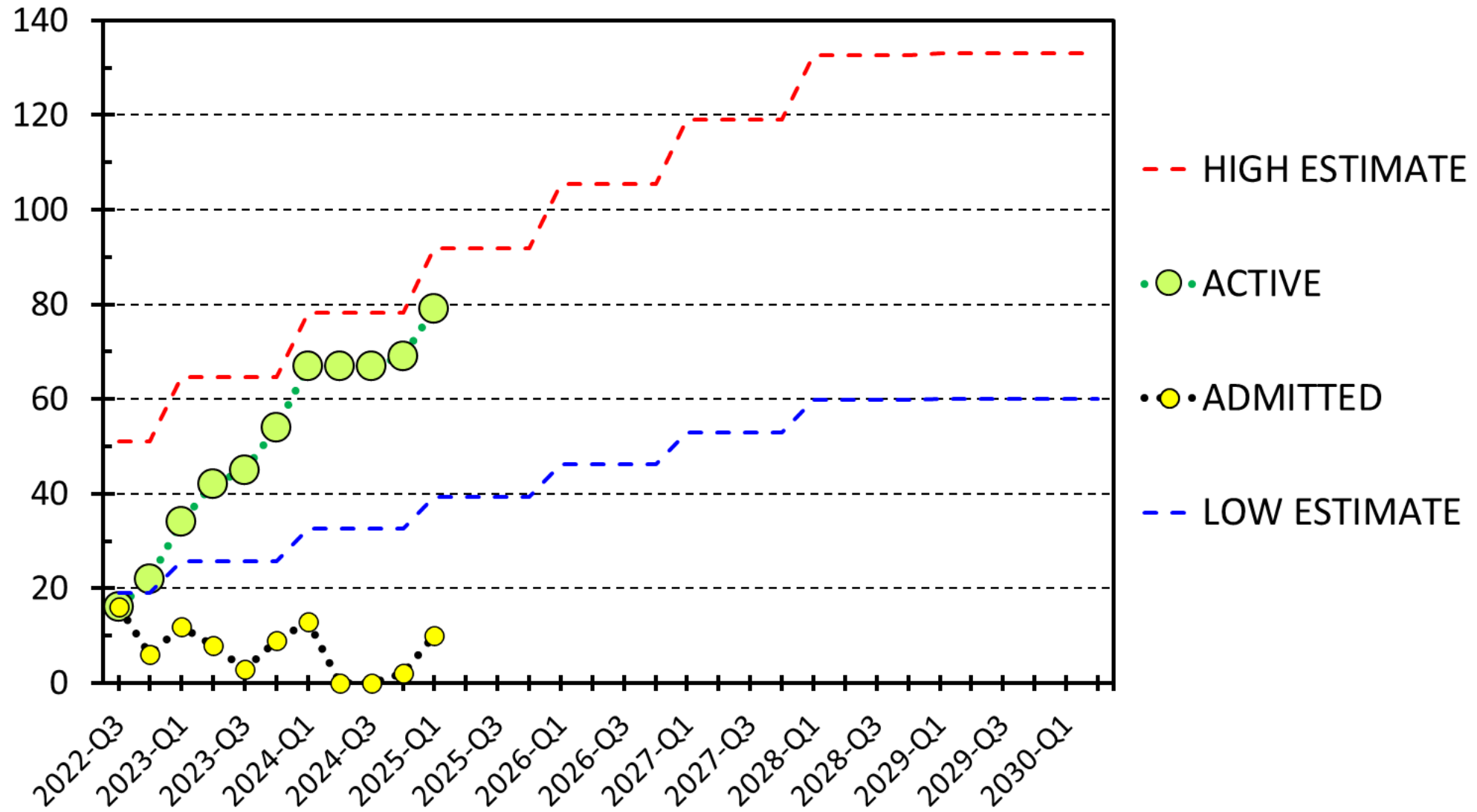
TA5: SAFETY

RCS

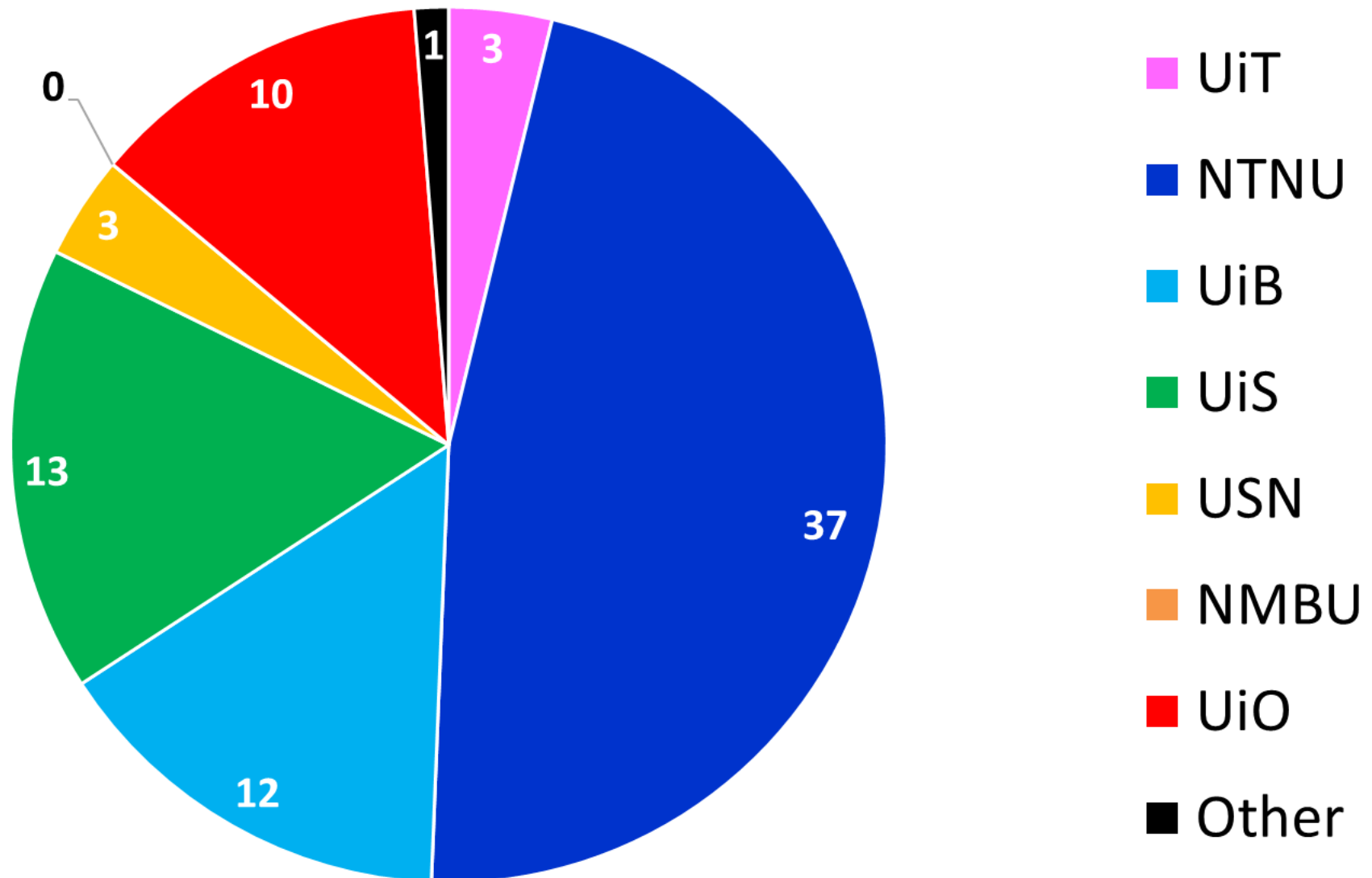
PhD candidates in HySchool



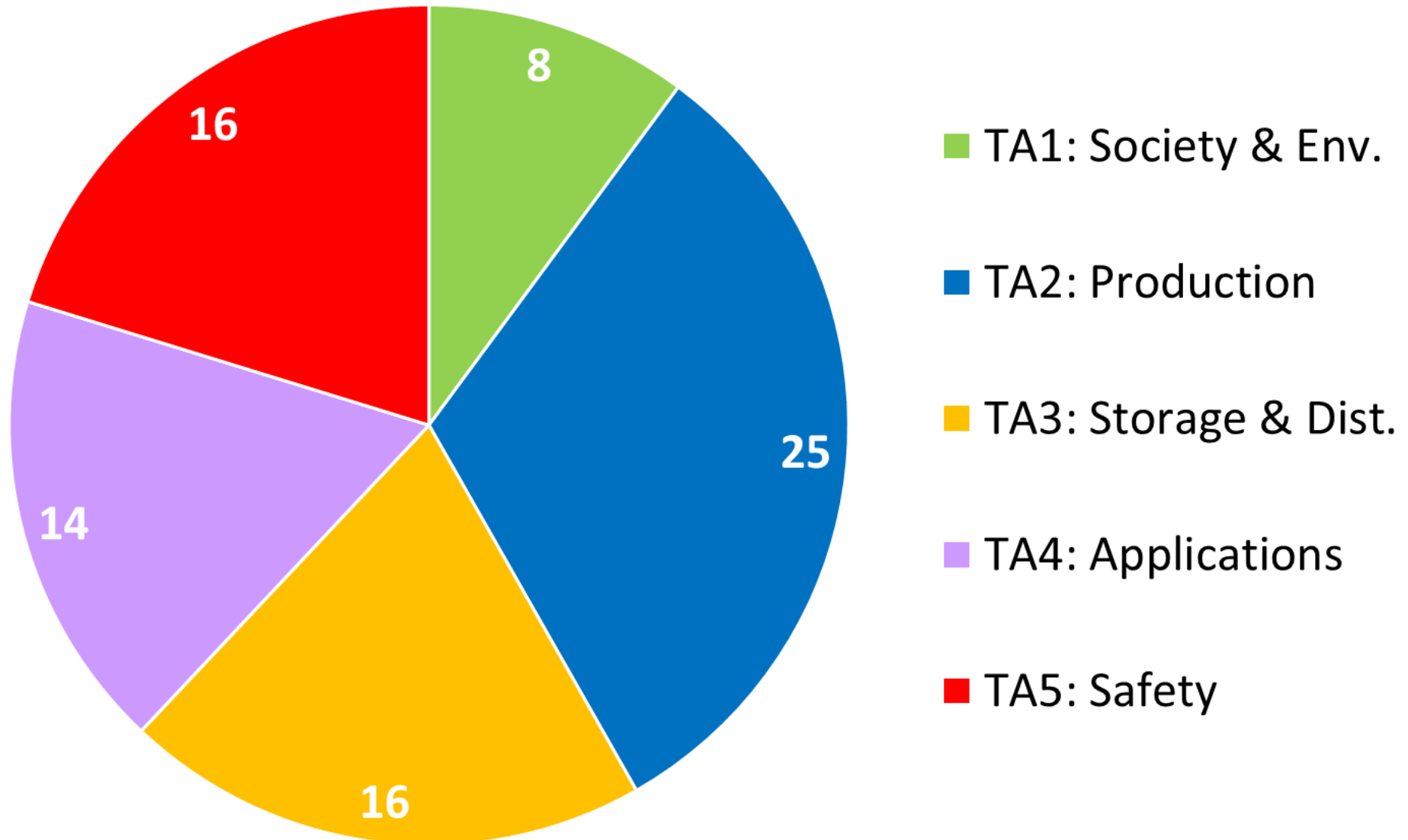
Active and admitted PhD candidates



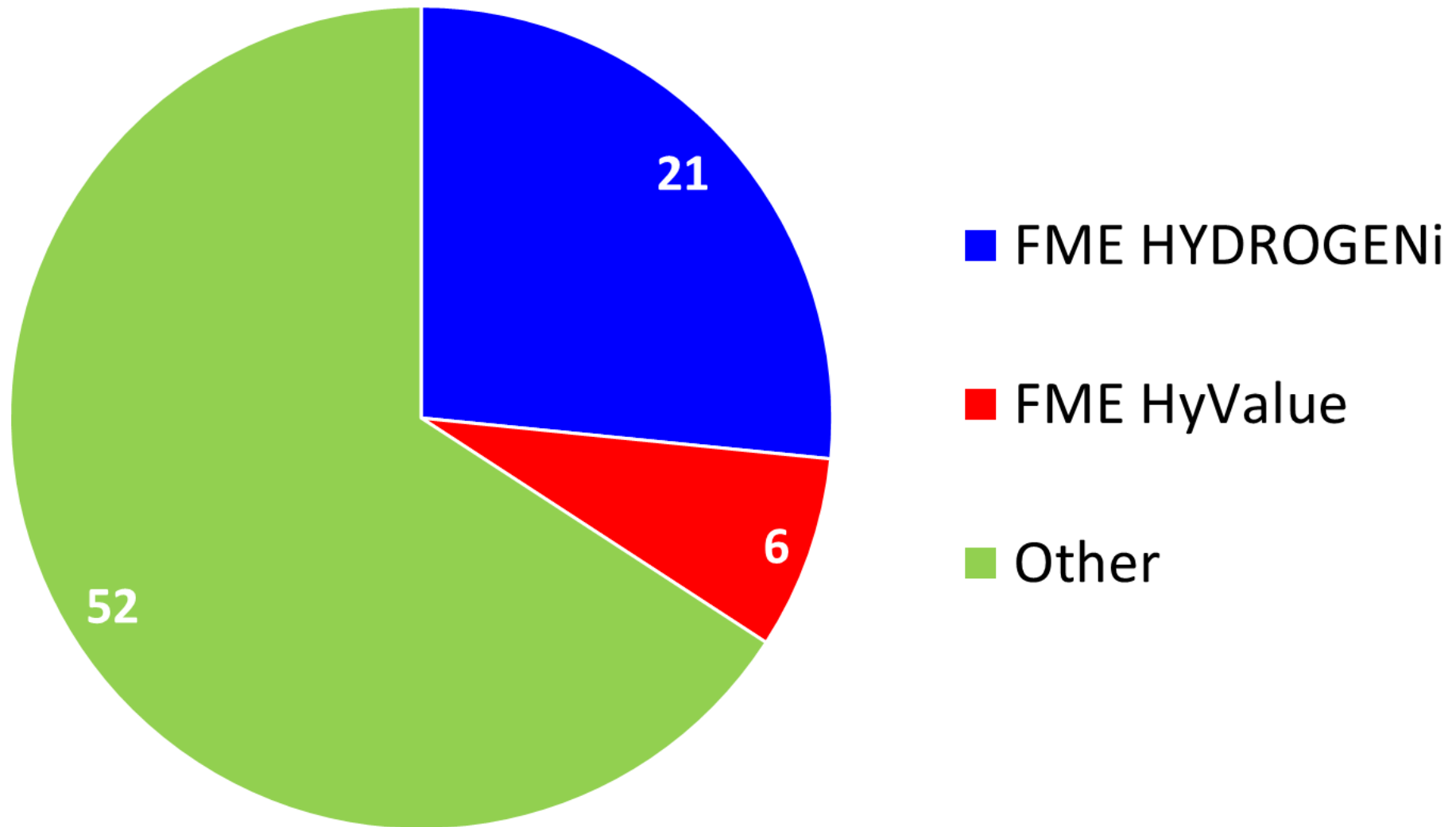
Active PhD Candidates by University



Active PhD Candidates by Topical Area



Active PhD Candidates by Project





HySchool Days 2025

Porsgrunn, 1-2 April 2025

Internal meetings 31 March & 3 April



**HySchool
Days 2026**



**HySchool
Days 2027**



**HySchool
Days 2028**



**HySchool
Days 2029**



**HySchool
Days 2030**

