Introduction: Open Science Capacity Building:

Open Science Capacity Building: Finding solutions

Introduction

In October 2025, the SEA-EU Alliance will convene a collaborative onsite workshop in Hamburg to strengthen Open Science (OS) capacity across partner universities—specifically where OS meets new possibilities such as Artificial Intelligence (AI). Using the Open Science Learning GATE (GATE)—a community-based infrastructure for evidence-informed capacity building—participants will turn shared data into practical action. (This event will include one hybrid session for funders.)

Ahead of the event, SEA-EU partners will contribute perspectives on OS and AI via GATE. During the workshop, we will collectively interpret these data to surface training needs and common challenges. Together, we will further develop the SEA-EU Capacity-Building Roadmap with concrete, community-owned actions to embed OS standards and practices in training and institutional policies across the alliance. We will discuss our outcomes with funders from the SEA EU Alliance countries. The outcomes will lay the groundwork for a longer-term, supported programme and inform the SEA-EU community and others on effective approaches to OS capacity building.

Project Lead (Kiel University): Julia Priess-Buchheit, Institute of Education, Faculty of Arts and Humanities
Collaboration Partners: Ana Marušić (University of Split), Raelene Church (University of Malta), Ivan Buljan (University of Split), and others from SEA EU!

The SEA EU Alliance

The SEA-EU Alliance—an ambitious network of coastal European universities advancing excellence in research, education, and societal impact—invites you to a two-day workshop in Hamburg dedicated to accelerating Open Science across the alliance. Bringing together university ambassadors, trainers, and partners, the event focuses on practical collaboration and shared priorities for the SEA-EU community.

At the heart of the meeting is the Open Science Learning GATE (GATE). This community-driven infrastructure gathers evidence from OS practitioners via a dynamic questionnaire service and turns it into actionable insights through the annual GATE Report. Participants will use GATE

resources and data to surface needs, align on training opportunities, and inform policy and practice across institutions.

Between 6–7 October 2025, the programme transitions from a shared interpretation of GATE materials to guided co-design sessions and thematic discussions that identify needs, gaps, and priorities for the SEA-EU OS Capacity-Building Roadmap. The workshop culminates in a hybrid dialogue with national funders from SEA-EU countries to validate ideas and explore how policy and support mechanisms can enable enduring, cross-national capacity building.

The GATE

[GATE](#) is a non-profit initiative that supports capacity building in Open Science by connecting communities and continuously informing stakeholders about evolving practices, services, and "guiding thoughts"—with particular attention to new developments such as the interplay with AI. It aims to help stakeholders observe, align with, and adapt to change so research remains trustworthy and innovative.

How it works:

- **GATE Service** – a structured, survey-based, community collection point where Open Science "knowledge creators" (e.g., trainers, educators, authors) describe the guiding thoughts embedded in their materials. These contributions build rich qualitative datasets that reflect current practices across the OS community.
  - You are part of the workshop or want to benefit from the GATE. Use the [GATE service](#) for free.

- **GATE Report** – The research team evaluates and synthesises Service data, sharing insights with the community through periodic reports that support quality-driven capacity building. The **first report is expected in 2026**.

Recent updates and community activities (e.g., research and community meetings, sessions at UNESCO/ENRIO/Metascience) are documented on the GATE news page, reflecting active engagement across the OS ecosystem.

Experts

The following expertise will accompany the workshop:

Timothy M. Errington (Center for Open Science, USA, confirmed) — Senior Director of Research at the Center for Open Science, where he leads large-scale metascience initiatives that strengthen transparency and reproducibility (e.g., the Reproducibility Project: Cancer Biology and DARPA's SCORE). Tim supports evidence-based interventions (Registered Reports, badges, preregistration) and how AI tooling can support quality assurance and evaluation in research workflows.

Daniel Mietchen (FIZ Karlsruhe – Leibniz Institute for Information Infrastructure, Germany, to be confirmed) — Data architect and open-science researcher whose work centres on FAIR data, Wikidata/Scholia knowledge graphs, and computational reproducibility at scale (e.g., recent studies on re-running Jupyter notebooks from biomedical publications). Daniel contributes deep, practical guidance on (AI-ready) data stewardship, knowledge-graph integration, and community standards for knowledge sharing and corporations.

Next steps

Are you a person from a SEA EU university who advocates for Open Science (e.g., data management, libraries, professors, etc.)? And you are interested in joining, or would you like more information? Have a look at the [joint agenda](#) and the [first briefing](#), and reach out to buchheit@paedagogik.uni-kiel.de

You are a funder? - Find more information on the funder's session [here](#).

You are an invited expert? - Find more information [here](#).

Workshop Schedule October 6th and 7th

Monday, 6 October 2025: 09:30 – 17:00

When?	What topic?	What purpose?	How?	Led by whom?
Monday, 9:00 a.m. – 9:30 a.m.	Welcome and role clarifiction for SEA-EU Open Science stakeholders	To welcome participants and introduce the workshop	Presentation and brief Q&A	Julia & Vanessa (MIK)
Monday, 9:30 a.m. – 10:15 a.m.	Presentation and collaborative interpretation of GATE sources (course material uploaded to the GATE)	To present the existing OS capacity building at the SEA EU level organisations. To learn from each other.	Presentation and brief Q&A	Ivan
Monday, 10.15 a.m. – 11 a.m.	Presentation and collaborative interpretation of GATE sources (course material uploaded to the GATE)	To present the existing OS capacity building at the SEA EU level organisations. To learn from each other.	Presentation and brief Q&A	Raelene
Break 11.00 -11.15				
Monday, 11:15 a.m. – 12:30 p.m.	Presentation and collaborative interpretation of GATE data	Dive into a GATE workshop and see what is possible for SEA EU.	Presentation and Co-creation	Marie
Lunch 12.30 – 1.30 - We go together to eat lunch at the Außen Alster				Julia
Monday, 1:30 p.m. – 2:30 p.m.	Thematic discussions: Needs, gaps, and roadmap priorities	Discuss with experts open questions on OS from the morning sessions	Open discussion	Tim Errington and Daniel Mietchen
Monday, 2:30 p.m. – 4:00 p.m.	Guided co-design of capacity-building strategies, OS priorities, and university-level implementations	How can we implement the actions (or infrastructure) in SEA EU?	Lecture, interactive exercise, discussion, case study, Q&A	Julia

Afternoon tea - 15 minutes				
Monday, 4:15 p.m. – 5:00 p.m.	Reflection session: What should go into the SEA-EU OS Capacity Building Roadmap? How can national funders support our ideas?	Summarising key points and takeaways of the day and preparation for the hybrid meeting with the funders the next day	Discussion and summary presentation	Julia

Tuesday, 7 October 2025: 09:30 – 14:00

When?	What topic?	What purpose?	How?	Led by whom?
Tuesday 9:30 a.m. – 10:00 a.m.	Welcome and recap	To welcome participants and introduce the workshop	Presentation and brief Q&A	Julia
Tuesday 10:00 a.m. – 10:45 a.m.	Recap of the joint strategy for the funders	To be prepared for the upcoming hybrid meeting	Open discussion	Julia
Break 11.00 -11.15				

Tuesday, 11.00 a.m. – 1 p.m.	Hybrid Session with National Funders from SEA EU countries	- Presentation of key insights from Day 1
		    - Open dialogue on policy expectations and support mechanisms
		    - Funders' input for roadmap validation and alignment
			To be decided
			
			Additional Participants: Funders from Croatia Portugal Germany
				All

Tuesday 1 pm - 2 p.m.	Final wrap-up and commitments for post-workshop contributions to SEA EU and the GATE	Reflection and Next steps for SEA EU, and the GATE	Presentation and Co-creation	Julia

Briefing for SEA EU personnel: Workshop

SEA-EU GATE Workshop – Briefing

This document describes the upcoming workshop for SEA EU University personnel.

Workshop Overview

The SEA-EU GATE Workshop will take place in Hamburg, Germany:

·   Monday, 6 October 2025: 09:30 – 17:00

·   Tuesday, 7 October 2025: 09:30 – 14:00

The workshop is limited to 15 people. We kindly ask all interested parties to apply via email at buchheit@paedagogik.uni-kiel.de. Explain in short why this workshop is of interest to you. We will be in touch with you within three days.

Arrival time will be 15 minutes before the workshop starts. We will meet at: Harvestehuder Weg 49, 20149 Hamburg, Germany. A very nice place!

If you need reimbursement, we might be able to help you.

Preparation Phase (August–September 2025)

Ahead of the workshop, we kindly ask SEA EU partners to:

1.   Upload all SEA-EU developed Open Science materials to the GATE service.

2.   Share additional relevant Open Science content from your institution with the GATE service.

3.   Let us know whether we should invite more SEA-EU OS partners to join the initiative and workshop (buchheit@paedagogik.uni-kiel.de).

Workshop Description

This 2-day workshop builds on the GATE's evidence-informed foundation to co-create a draft for the SEA-EU roadmap for Open Science capacity building. It focuses on shared reflections, practical co-design, and capacity building optimisation across institutions and disciplines.

Workshop Objectives:

· Identify (shared) needs and co-create solutions for community-driven capacity building.

· Design concrete strategies and training responses aligned with evolving research realities with the GATE data.

· Support the development of structured outputs for the SEA EU Alliance and the GATE Report 2025.

Workshop Structure:

Day 1 – Monday, 6 October

1. Welcome and role clarification for SEA-EU Open Science stakeholders

2. Presentation and collaborative interpretation of preliminary GATE data

3. Thematic discussions: Needs, gaps, and roadmap priorities

4. Guided co-design of capacity-building strategies, OS priorities, and university-level implementations

5. Reflection session: What should go into the SEA-EU OS Capacity Building Roadmap (which could be the next step after the "Plan of the Open Science Ambassador Programme Deliverable" 5.4 reSEArch-EU)? How can we enhance GATE support to better assist SEA EU in the future?

Day 2 – Tuesday, 7 October

1. Summary and clustering of institutional actions and commitments

2. Preparation of SEA EU roadmap entries

3. **Hybrid Session with National Funders from SEA EU countries (11:00–13:00)**:
   - Presentation of key insights from Day 1
   - Open dialogue on policy expectations and support mechanisms
   - Funders' input for roadmap validation and alignment

4. Final wrap-up and commitments for post-workshop contributions to SEA EU and the GATE Report 2025

Please don't hesitate to reach out if you have questions or suggestions.

With warm regards,

Julia Priess-Buchheit

Briefing for the Experts of the workshop

Briefing for the Experts of the Workshop

Purpose & context

This two-day workshop brings SEA-EU partners together to turn evidence gathered via the **Open Science Learning GATE (GATE)** into practical steps for Open Science capacity building across the alliance. We will interpret contributions, co-design actionable measures for training and policy, and host a **hybrid roundtable with funders** to align support mechanisms.

What you will receive (one week in advance)

- **GATE pre-brief pack** (anonymised, aggregated inputs on Open Science Guiding Thoughts (in particular on AI) relevant to the workshop themes).

- **Session map & prompts** for co-creation breakouts and the funders' dialogue.

- **Logistics note** with on-site details and the remote participation link.

Your role

- **Open expert dialogue (Day 1):** contribute your expertise in an open exchange that reacts to the GATE evidence and surfaces needs, gaps, and opportunities from the participants.

- **Co-creative sessions (Day 1):** sit with participants during guided co-design to help translate evidence into concrete actions (training offers, policy adjustments, pilots).

- **Funders' meeting (Day 2, hybrid):** take an active role in the roundtable with funders from **Spain, France, Germany, Poland, Croatia, Malta, Portugal, Italy, and Norway**—help interpret preliminary GATE signals with a funder's lens and co-shape the **"Funder Alignment & Support"** section of the SEA-EU roadmap.

Practical information

Dates & times

- **Mon, 6 Oct 2025:** 09:30–17:00

- **Tue, 7 Oct 2025:** 09:30–14:00 (funders' hybrid session 11:00–13:00)

Venue (on-site): Harvestehuder Weg 49, 20149 Hamburg, Germany (Außenalster area).

Please book your hotel and travel accordingly. We will reimburse:

· Up to 120 EUR per night for 2 nights of accommodation / The hotel for Tim Errington is booked.

· Economy class travel costs for trains from Sunday to Wednesday.

Outputs you will help shape

- A draft **SEA-EU Open Science Capacity-Building Roadmap** (actions, owners, timelines).

- Shortlist of **pilot concepts** for cross-institutional rollout.

- Key points for **"Funder Alignment & Support."**

- Inputs on how we can develop the forthcoming **GATE Report (2026)**.

Invitation and Preparation for the Funder Session

Invitation to Funders: SEA-EU Open Science Capacity Building — Funders' Roundtable (Hybrid)

Date: Tuesday, 7 October 2025, 11 am - 1 pm
Format: Hybrid (Hamburg, Germany & online)
Host: SEA-EU Alliance and Kiel University

Overview

Open Science is no longer optional — it is becoming the backbone of trustworthy and innovative research in Europe. As funders, your policies and instruments are decisive in shaping how quickly and effectively institutions adapt. This roundtable is your opportunity to learn from others and directly influence next steps, ensuring that your organisation's priorities are reflected at the European level.

You may recall the **Open Science Learning GATE (GATE)** from previous discussions, such as the EOSC Funders' Forum #8, the Metascience Conference, and Science Europe, where we outlined GATE's role as a non-profit infrastructure that monitors and strengthens Open Science (OS) capacity through structured community input. This dedicated funders' roundtable is the next milestone in that work and will take place during the SEA-EU Capacity Building workshop on **7 October 2025 in Hamburg** (with full hybrid participation).

What this invitation is about

A focused, hybrid dialogue with national funders embedded in the SEA-EU GATE Workshop (6–7 Oct). Using GATE's evidence-informed approach, participants will align funding policies, instruments, and support mechanisms with documented capacity-building needs across the alliance. Outcomes feed directly into the next steps of the alliance Open Science Capacity Building (Roadmap).

Who should attend (and why it should be someone)

Funding organisations from the SEA-EU countries — Spain, France, Germany, Poland, Croatia, Malta, Portugal, Italy, and Norway — are invited to nominate a representative with an interest in Open Science and research policy. Suggested profiles include:

- Open Science policy or research culture
- training/capacity building or research integrity/assessment
- Data policy/FAIR/Open Data
- Evaluation/review policy
- AI & Research Data Strategy

Your organisation should be represented. This session validates and shapes elements of a shared roadmap that will influence how universities in the alliance plan training and how funders design support. Being absent risks under-representation of your national priorities and missed opportunities for coordination at the European scale.

What the attendee will gain

- Policy influence & early insight into the alliance Open Science Capacity Building (Roadmap)
- Sharper instruments (DMP templates, reviewer guidance, training calls)
- Direct contact with counterparts across SEA-EU countries
- Understanding of OS/AI intersections in research funding and oversight
- Actionable takeaways to bring back into calls, policies, and strategies

Session flow (11:00 – 13:00)

1. Briefing on key insights from Day 1
2. Moderated dialogue on funder expectations and support mechanisms
3. Discussion of key points of the alliance Open Science Capacity Building (Roadmap)

Session goals

- **Share insights** on Open Science policy implementation and support mechanisms;
- **Interpret GATE data** relevant to funding strategies and capacity-building needs;
- **Discuss** the Open Science Capacity Building (Roadmap) alliance.

Why this session

- **Evidence first:** GATE compiles structured input from OS practitioners and synthesises it into actionable insights ([GATE Service](#) → [GATE Report](#)).
- **Actionable outcomes:** The workshop is designed to convert shared evidence into a capacity-building roadmap for the SEA EU alliance.
- **Designed for hybrid participation:** The funders' dialogue is purpose-built for on-site and remote contributors.

How to participate

- **Confirm attendance / suggest the right contact:** If you're not the appropriate person for Open Science policy, funding instruments, or capacity-building support, please share this invitation with your colleague best placed to contribute.

Contact: Prof. Dr. Julia Priess-Buchheit (Kiel University) — buchheit@paedagogik.uni-kiel.de