

Diffuse phosphorus input to surface waters
- new concepts in removal, recycling and management -

SB meetings - Kickoff

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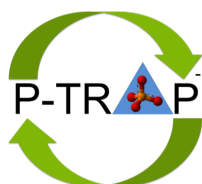


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1. General overview

The 1st Annual Meeting of P-TRAP (Supervisory Board (SB) Meeting) took place in Bayreuth, Germany, from 8th to 10th of January 2020. The meeting was held in association with the first Transferable Skills Training Course (TSTC1). Both, the training and the meeting were hosted by UBT with organisational support by the UU.

The initial planning was to held the meeting in project month 9. Due to the late start of several ESRs the meeting had been slightly postponed (agreed on during the 1st P-TRAP teleconference, held 17th of July 2019) to project month 11.

The 1st Annual SB Meeting was scheduled for two full days in total and aimed on scientific exchange within the consortium and training of the Early Stage Researchers (ESRs). The consortium consisted of the representatives of the beneficiaries and two of the partner organisations, and included also the ESRs. Beside this, our External Advisory Board (EAB) was invited to participate and provided us with feedback. A summary of the EAB feedback and implementation of the recommendations will be part of the 1st Progress Report, due project month 13.

During the meeting the consortium was updated about the 1st year of the project, discussed and evaluated the progress so far, and prepared the second year. The ESR projects were presented as short pitches and posters. The planning of the upcoming work of the next reporting period focussed particularly on the due deliverables and milestones. An intensive CDP discussion was scheduled for the ESRs together with their supervising team. The discussions were held in parallel groups. ESRs, which were not discussing their CDPs where invited for alternative discussions about the organisation of e.g. training and research logs or the use of social media within the project. The last day was dedicated to consortium related issues such as data management and public relation strategies, and evaluative feedback.



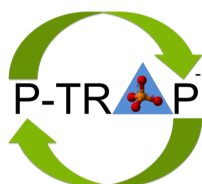
Fig. 1: Participants of the 1st Annual P-TRAP Meeting

2. Participants

In total 25 participants joined the meeting (Table 1). All beneficiaries were present, also representatives of two partner organisations. All ESRs were able to join, except for ESR 5 (UNIMAN) due to visa issues and ESR 1 who resigned due to personal reasons from the project.

Table 1: Overview of participants

Nr.	Name	Beneficiary / Partner Organisation	Function
1	Thilo Behrends	UU	Coordinator
2	Sylvia Walter	UU	Project Manager
3	Walter Schenkeveld	UU	Beneficiary
4	Melanie Münch	UU	ESR 11
5	Mingkai Ma	UU	ESR 6
6	Stephan Krämer	UNIVIE	PI Beneficiary
7	Naresh Kumar	UNIVIE	Beneficiary



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8	Rouven Metz	UNIVIE	ESR 10
9	Stefan Peiffer	UBT	PI Beneficiary
10	Karel As	UBT	ESR 9
11	Andreas Voegelin	EAWAG	PI Beneficiary
12	Ville Nenonen	EAWAG	ESR 7
13	Jon Lloyd	UNIMAN	PI Beneficiary
14	Antonio Delgado	US	PI Beneficiary
15	Tolulope Ayeyemi	US	ESR 8
16	Erik Solders	KULeuven	PI Beneficiary
17	Rochelle Saracnlaio	KULeuven	ESR 2
18	Susan Reichel	GEOS	PI Beneficiary
19	Oleksandr Bolielyi	GEOS	ESR 4
20	Leonard Osté	DELTARES	PI Beneficiary
21	Victoria Barcala Paolillo	DELTARS	ESR 3
22	Olaf van der Kolk	Aquaminerals	Partner Organisation
23	Reinhard Wesinger	GEOTEAM	Partner Organisation
24	Lex Bouwman	PBL / UU	External Advisory Board
25	Gerwin Koopmans	WU	External Advisory Board

3. Preparation

The meeting was mainly organized by UBT, with support from the UU. The consortium decided during the Kickoff Meeting in March 2019 about the date and to associate it with the TSTC1. The more detailed preparation started in June 2019.

The meeting included a short project pitch and a dedicated poster session of the ESR projects, which had to be prepared in advance.

4. Agenda

The meeting was scheduled for two days in total, starting and ending at lunch to enable participants to travel at the same days.

In December 2019 the participants were informed about the final agenda via email.

Table 1: Agenda 1st Annual SB Meeting

Wednesday, 08 January 2020 – TSTC1 & 1 st Annual Meeting	
13:30	Start P-TRAP 1 st Annual Meeting
	Welcome and brief introduction round (chair: coordinator)
13:45	External Advisory Board (EAB) presentations (10min. each)
14:15	Overview P-TRAP (mainly for ESRs and EAB) and 1 st project year (coordinator)
14:30	Project pitches (ESRs, 5 min. each)
15:30	Poster session ESRs (2 rounds)
19:00	Joint Dinner (location to be announced)



Thursday, 09 January 2020 – 1st Annual Meeting (D5.6)

8:30

CDP discussion, ESRs with (co-)Supervisors and secondment hosts

Aim of the meeting is to get in contact and discuss a pre-prepared CDP (template sent) for at least the first year, including needs as e.g. courses or workshops, wishes such as conferences and obligations such as network events and secondments.

Please note: the final CDPs have to be submitted as a deliverable (D4.4).

time	Group1	Group2	Group3
8:30	ESR7 Ville Nenonen supervisor Andreas Voegelin co-supervisor Mieke Verbeeck, Erik Smolders Secondment host Leonard Osté	ESR8 Tolulupe Ayeyemi Supervisor Antonio Delgado Co-supervisor Jon Lloyd Secondment hosts Stephan Krämer / GEOTEAM	ESR9 Karel As Supervisor Stefan Peiffer Co-supervisor Thilo Behrends Secondment hosts Jon Lloyd / WATERNET
9:15	ESR4 Elmira Akbari Supervisor Stefan Peiffer Co-supervisor Mieke Verbeeck, Erik Smolders Secondment host Leonard Osté	ESR6 Minkai Ma Supervisor Thilo Behrends Co-supervisor Andreas Voegelin Secondment hosts Stephan Krämer / AQUAMIN	ESR5 Lordina Eshun Supervisor Jon Lloyd Co-supervisor Antonio Delgado Secondment hosts Andreas Voegelin / FERTIBER
10.00	Coffee break		
10.30	ESR2 Rochelle Saracaniao Supervisor Mieke Verbeeck, Erik Smolders Co-supervisor Stephan Krämer, Secondment hosts Andreas Voegelin / GEOTEAM	ESR4 Oleksandr Bolielyi Supervisor Susan Reichel / Eberhard Janneck Co-supervisor Stefan Peiffer Secondment hosts Antonio Delgado / AQUAMIN	ESR3 Victoria Barcala Supervisor Leonard Osté Co-supervisor Thilo Behrends, Secondment host Arcadis
11.15	ESR11 Melanie Münch Supervisor Thilo Behrends Co-supervisor Stefan Peiffer Secondment hosts Jon Lloyd / WATERNET	ESR10 Rouven Metz – Supervisor Stephan Krämer, Co-supervisor Walter Schenckenberg Secondment hosts: Andreas Voegelin / FERTIBER	/

ESRs not in a meeting with their supervising group will have the opportunity to work on dedicated tasks such as a joint public engagement strategy (D6.1) or a set-up of communication lines within the ESR group.

- 8:30 – 9:15** Think about blogs to be written for the website (subject, audience, content)
- 9:15 – 10:00** Think about an ESR group meeting schedule.
- 10:30 – 11:15** Think about responsibilities for social media visibility, which media, frequency, responsibilities
- 11:15 – 12:00** Think about how to exchange information on activities and results within the consortium, e.g. organisation of training logs

For each discussion round please prepare a short summary and submit this to the project manager. The outcomes will be discussed during the session on Friday morning.

12:00

Lunch

13:00

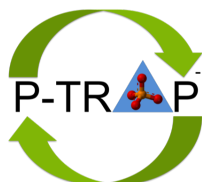
Administrative overview of the 1st year and planning for 2nd year, incl. midterm check (D5.8), deliverables and milestones, reporting, upcoming training events, secondments (Sylvia Walter)

13:30

Work Packages – Overview, planning

13:30 Overview WPs

Aim: The Work Package leaders will present the progress of their work packages (WPs) of the 1st year according to the GA (including tasks, deliverables and milestones), and also their ideas / planning for their WP for the next year (including research and collaborations within and between work packages). The planning will be considered and discussed in detail during the parallel sessions later.



13:30	WP1: Closing the cycle of P application in agriculture (UNIVIE, Stephan Krämer)
13:50	WP2: Novel method for long-term P binding in lake sediments (UBT, Stefan Peiffer)
14:10	WP3: Mechanistic studies on P-dynamics during Fe phase transformation (EAWAG, Andreas Voegelin)
14:30	Planning Science 2nd year - Parallel sessions to concrete the future scientific work
	3 discussion groups in parallel, based on the scientific planning and implementation of the deliverables and milestones in the upcoming 2 nd year, due in month 18 (August 2020) and 24 (February 2021).
	I) Milestone 10 and 15
	MS10: Targets microbial conversion - lead Jon, due month 18
	MS15: Implementation plan soil fertilisers - lead Antonio, due month 24
	Participants: Jon, Stephan, Antonio, Erik, & respective ESRs and representatives of partner organisations
	II) Milestone 11 and 13
	MS11: Proof of principle of P-TRAP systems - lead Susan / Eberhard, due month 18
	MS13: Implementation plan P-TRAP systems - lead Susan / Eberhard, due month 24
	Participants: Leonard, Susan, Eberhard, & respective ESRs and representatives of partner organisations
	III) Milestone 12 and 14 (and also deliverables D2.1 and D2.2)
	MS12: Strategy Fe addition lakes – lead Thilo, due month 18
	MS14: Implementation plan lake restoration – lead Stefan, due month 24
	Participants: Thilo, Andreas, Stefan, & respective ESRs and representatives of partner organisations
	Afterwards each group will briefly present their planning for the 2 nd year and we can discuss as a consortium its overall implementation and contributions of the other partners.
16:00	Outlook – Plenary summary of WP planning and outlook 2 nd year, including discussion on joint activities such as shared materials and methods
19:00	Joint dinner

Friday, 15 March 2019		
8:00		Walk in
8:30	8:30	P-TRAP – outreach and public engagement (D6.1 , ideas, tasks, responsibilities, time-lines,...)
	9:15	Training logs: how to organise? (D4.5)
10:30		Coffee break
10:45		Elections (ESR representative, boards, ...)
11:15		P-TRAP – First feedback and suggestions EAB (External Advisory Board)
13:00		End of the meeting

5. Impressions of the Meeting



Fig. 2: Start of the meeting with a project introduction by Thilo Behrends (UU) in his function as coordinator

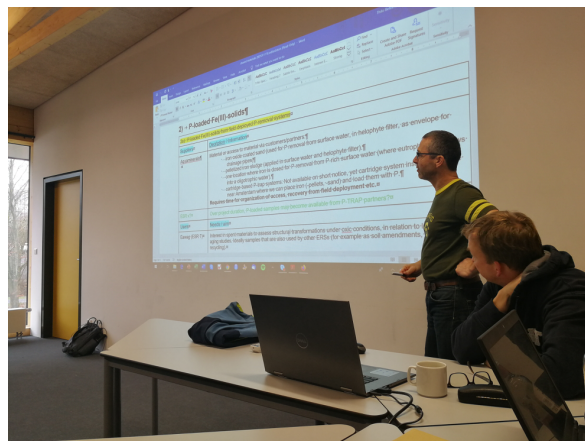


Fig. 3: Discussion about sharing standard material within the consortium and its organisation, lead by Andreas Voegelien (EAWAG)

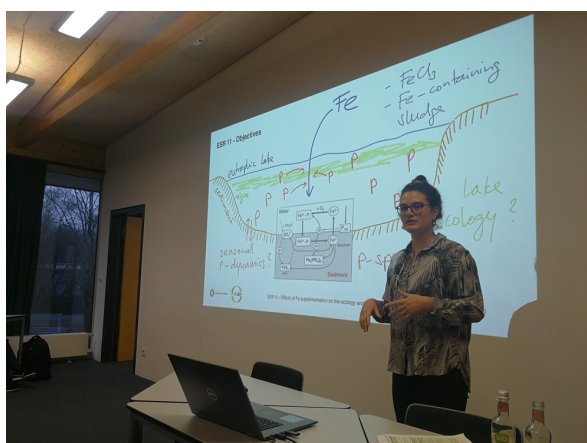


Fig. 4: Project pitch by Melanie Münch (UU)



Fig. 5: poster session, Susan Reichel (GEOS) and the ESRs Karel As (UBT), Ville Nenonen (EAWAG) and Oleksandr Bolielyi (GEOS) in discussion with Olaf van der Kolk (Aquaminerals)



Fig. 6: ESRs in discussion about their public engagement strategy...

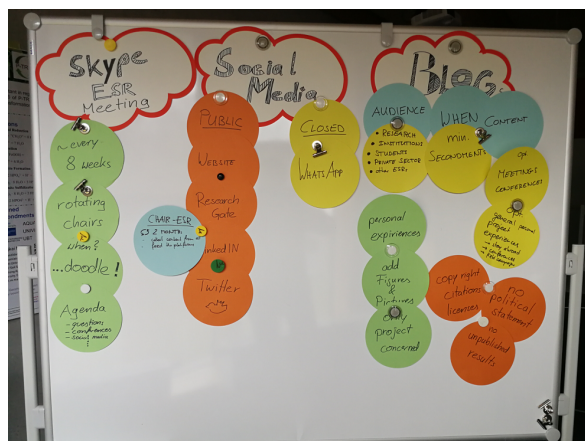
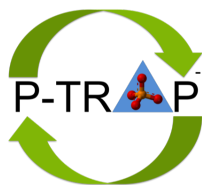


Fig. 7: ... and the outcome presented on the last day of the meeting.



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Fig. 8: Planning of the next reporting schedule and its due deliverables / milestones (Susan Reichel, GEOS)

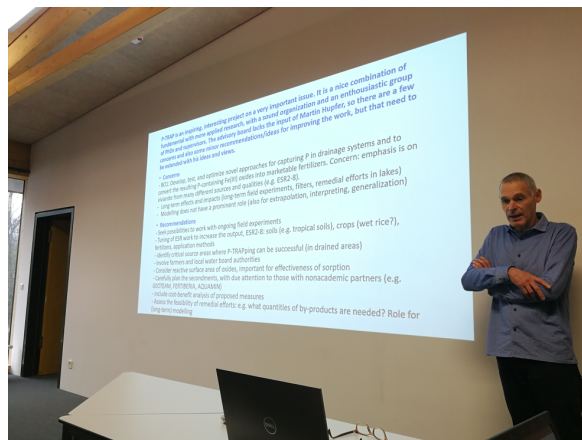


Fig. 9: First feedback from the External Advisory Board members (Lex Bouwman, PBL/UU)

7. History of the deliverable

Date	Author(s)	Actions / Changes
March 2019		Fixing date of during the Kickoff Meeting
June 2019	UBT	Venue and accommodation organised
November 2019	UU / UBT	Preliminary agenda and additional information sent to consortium
December 2019	UU / UBT	Final agenda sent
January 2020		Meeting held in Bayreuth, hosted by UBT
February 2020		Deliverable report submitted