

RRR2025 - Preliminary program

Day 1 - Tuesday - 23rd September 2025				
8:30/9:00 - 10:30	Workshops			
	Exploring future visions of peatlands applying the Three Horizons Approach	Myxorial bioconversion potential of paludocultural feedstocks (Typha sp. and Salix sp.)	Digitalized peatland vegetation mapping to derive greenhouse gas emissions - the GEST-APP	Wetland transitions: Opportunities and trade-offs for paludiculture in reaching nature restoration targets
Coffee break (10:30 - 11:00, Foyer)				
11:00 - 12:30	Workshops			
	Unlocking the Potential of Alternative Fibre Sources: Challenges, Solutions, and the Path Forward	Exploring Stakeholder Perspectives and Incentive Mechanisms in Peatland Rewetting	Country specific definitions of organic soils	Smart Paludiculture Workshop
Lunch break (12:30 - 13:30, Mensa)				
Welcome				
Keynote - Dr. Christian Fritz				
Coffee break (15:15 - 16:00, Foyer)				
16:00 - 17:30	Session 1 (Inclusive Poster pitches)			
	Ecosystem Services 1	Lessons learned	Governance	
	Jansen Geurts: Quantification of ecosystem services in paludicultures with Typha and Phragmites	Ree Oostle: A decade of paludiculture in Latvia: progress, challenges and new directions	Anke Nordt: Obstacles, major fields of actions and financial requirements to promote implementation of paludiculture in Germany	
	Adam Moritz: Estimating Carbon Accumulation in Helophyte Paludicultures from Dutch Peat Sites	Matthias Krebs: Variations in water demand for irrigating a Sphagnum paludiculture - results of a 1 year study in NW Germany	Bernhard Osterburg: How supportive is the EU Common Agricultural Policy for peatland rewetting and paludiculture?	
	Marlene Brandel: Peat formation potential of Phragmites australis on commercially cut reed sites in northeast Germany	Andrea Kully: The Broads National Park - water management and Paludiculture	Laura Kearney: Aligning Agri-Environmental Policy with Farmer Values: A Social-Landscape Approach to Peatland Restoration in Northwest Ireland	
	Ger-Jan van Duinen: Paludiculture brings biodiversity to the rewetted peat meadow landscape	Clemens Kneipshaus: Births Gods: Value chains for toMOORflow: Half-time report on PaludAlliance	Norleen Lamber: Policy options for incentivizing rewetting and using agricultural peatlands in a climate-neutral EU	
Conference Dinner (19:00, Strasse)				

Day 2 - Wednesday - 24th September 2025					
9:00 - 9:40		Keynote - Dr. Kate Flood			
9:50 - 10:45	Session 2 (Inclusive Poster pitches)			Workshops	
	Peatlands & People 1	Biomass 1	Economics & Agronomy		
	Greta Schmidt: PeatPeople: Paludiculture experiences from East Africa	Raphael Burkhardt-Dwyer: Peatland plant fibers for the paper and packaging industry	Regina Neubert: Current knowledge and research gaps in agricultural science and socio-economics of paludiculture: a scoping review		
	Zoe Upkins: Muddy Waters: Shaping and reshaping lowland peatland management in Northwest England	Karina Michalska: Valorisation of paludibiomass into biogas via regional value chains and cascading use	Zhengqiu Ding: Economic trade-offs in peatland rewetting: Assessing opportunity costs and policy levers for paludiculture adoption		
	Bettina Tackx: Well known but insurmountable? Socioeconomic Aspects of the Acceptance of Peatland Rewetting in Brandenburg				
Coffee break & poster presentation (10:45 - 11:30, Foyer)					
11:30 - 13:00	Session 3			Workshops	
	Governance	Biomass 2	PV		
	Agata Klimkiewicz: A Landscape Approach to Paludiculture Upscaling: Integrating Ecological and Social Dimensions	Josephine Neubert: Biomass quality for thatching of Phragmites australis on commercially cut reed sites in northeast Germany	Olma Albanen: Solar power production on rewetted cutways – known benefits, unknown practical experience	Paludiculture in the CAP: current experiences and recommendations for 2027	WETBINGS: transdisciplinary and mutually based approaches to peatland living
	Andy Dodson: An Analysis of Stakeholder Conflict and its Impact on the Management and Use of Rebeds within Great Britain	Mirjam Schiller: Testing effects of cattle in peat-free substrates on crop productivity and soil characteristics shows potential for upscaling	Hanna Rae Martens: Vegetation Response to Solar Panels on Rewetted Peatland		
	Karin Ulbrich: Solutions for minimising conflicting objectives and creating synergies in the rewetting of peatlands	Jan-Philip Lutsch: Sustainable Building Materials from Paludiculture: Life Cycle Assessment and BIM-based Evaluation	Florian Heinrich: Assessing the Levelized Cost of Electricity for Peatland-PV in Germany based on Spatial Indicators		
	Johanna Reger: Successful implementation of new value chains on rewetted farmland: Acceptance criteria and perspectives of different actors involved	Martin Kruc: Environmental protection and simple, cost-effective construction with building materials made of the paludiculture Typha angustifolia	Carl Pump: Analysis of Peatland-Photovoltaic: A system transition and photovoltaics project planner perspective		
	Katharina Lange: Rewetting „quick and easy“ – is it possible?	Niklas Fennel: Application of Peat4 Biomass in Regenerative Building Materials for Multi-Story Housing			
	Witold Kotowski: Landscape-ecological approach to avoid conflicts and maximize synergies between paludiculture, biodiversity and conventional agriculture. A few case studies from Poland	Oliver Maul: From rewetted peatlands to houses: Value chain analysis of building materials made of paludiculture			
	Lunch break (13:00 - 14:00, Mensa)				
	14:00 - 15:30	Session 4			Workshops
Peatlands & People 2		Biomass 3	Biodiversity		
Nisa Novita: Peatland Restoration in West Kalimantan: A Climate Solution and Pathway to Community Empowerment		Annette Probstner: Concentrations and yields of strategic elements in paludibiomass from fen peatlands	Susanne Arbetter: Does faunal biodiversity benefit from rewetting and paludiculture in European peatlands? – a meta-analysis	Paludiculture under National Restoration Plans and Carbon Removals and Carbon Farming Certification Regulation: Country experiences and opportunities	
Mohit Khosravi: From Drainage to Paludiculture: Stakeholder Perspectives on Paludiculture Adoption in the UK		Maximilian Wenzel: Biomass from peatlands as fiber material or fibre reinforcement for Bio-Plastics – Palud4-Projekt	Jana Packmeyer: Is a Sphagnum farming site attractive for peatland dragonflies?		
Susanne Brönner: Baltic Bioregional - research through studio and 1:1 experimentation with renewable resources from rewetted peatlands		Jonas-Rune Baumann: Utilisation of Paludiculture Biomass for Injection Moulding – Combining Performance, Sustainability, and Market Competitiveness?	Christine Weisenberger: Genetic characterization of Typha species in Germany		
Charlotte Schröder: The Regionality of Mearns Structures Concerning Peatland Rewetting in Germany - A Structural Topic Modeling (STM) Approach to Understanding the Discourse on a Large-Scale Climate Protection Measure		Armin Winter: Innovative Valorisation of Aquatic Plants from the Danube Region in a Decentralized Bioeconomy	Kirgen Müller: Utilisation pattern of a heterogeneous wet grassland site by water buffalo		
Andreas Staus: Transition processes with private land owners and farmers		Hildegard Keminger: From peatlands to pharmacies by understanding the phytochemical variability of <i>Dracopis rotundifolia</i>	Sabine Behr: Maintenance of fen peatlands through year-round extensive grazing in the NSG Pfünzinger-Burgweiler Ried		
Nerijus Zabickas: PaludWise Paludiculture demonstrations providing multi actor approaches and recommendations towards large-scale deployment in the EU: Challenges for the development of paludiculture in Lithuania: Biologia case		Malte Bjoern: Plant selection for paludiculture: Seeking the most productive genotypes with a high content of bioactive secondary metabolites and good suitability for cultivation. The „Salzkühdorf“ project: Sande and cloudberry as medicinal plants in paludiculture	Patrick Gädig: Mosquito community structure and dynamic in drained and rewetted peatlands: Initial steps towards vector-relevant management		
Coffee break & Poster presentation (15:30 - 16:15, Foyer)					
16:15 - 17:30		Session 5			Workshops
	Economics	Ecosystem Services 2	Monitoring & Methods		
	Christoph Buchmann: Towards a roadmap of rewetting agriculturally used drained peatlands in Germany: Site-specific abatement and opportunity costs for the peatland-rich federal states	John Cowenbergh: Vegetation as proxy for GHG emissions from organic soils – 2025 update of the GEST tool	Bärbel Temmerer: Establishment of a German peatland monitoring programme for climate protection - Open land (MoKus)	Grissoir's Update of Paludiculture for Food, Resource and Environmental Security	
	Karl Behrendt: The economics of rewetting peatly lowland peat - farm case studies from the UK	Marco Comte: Microbiome legacy influences the global warming potential of peatland soil	Azim Balagayevov: Mapping and Quantifying Biomass Resources in Reed Beds of the Syr Darya Delta, Kazakhstan by Means of Remote Sensing and Random Forest		
	Jenne Kärdi: Water and crop management on peatlands at farm level: the role of carbon incentives	Sannimar Käärmelahti: Temporal changes in biogeochemical drivers and nutrient removal of Typha latifolia paludiculture	Gerardo Lopez Saldaña: Integrating hydrology, ground motion and vegetation biophysical parameters to assess peatland condition		
	Jennifer Marten: Economical and institutional challenges in implementing paludiculture – comparing insights from Flanders (Belgium) and Brandenburg (Germany)	Lara Massa: Balancing productivity and ecology: Insights into nutrient dynamics and management applications at the Typha latifolia paludiculture site „Teichweide“ polder, Mecklenburg-Vorpommern	Henriette Rosca: Automatic Vegetation Mapping in Peatlands – Compilation of a Ground Truth Dataset for Ecologically Informed Machine Learning		
	Korrad Micalot: Capital investments in the paludiculture sector	Dominik Zak: Fast-Move Slow – three ways to drip phosphorus release in rewetted peatlands	Julia Casper: Landscape Scale Nature Recovery on Peatly Rewetted Lowland Peat – A Case Study from the UK		
Paludii exhibition + Paludii Show with Street Food (17:30 - 21:00)					

Day 3 - Thursday - 25th September 2025				
Excursions				
Inspire & Connect - Cultural Evening (19:30)				

Day 4 - Friday - 26th September 2025				
9:00 - 11:00	Session 6		Workshops	
	Ecosystem Services 3 - GHG	Agromony		
	Tim Eckerscheidt: Effects of different fertilization strategies and groundwater management scenarios on greenhouse gas dynamics and mitigation potentials in various paludiculture systems	Frank Pennemann: Establishment of <i>Carex acutiformis</i> in Paludiculture	Peatland regions as living labs and co-creation processes	Workshop on Peatland-PV: Integrating Diverse Perspectives for Holistic Research
	Renske Vinom: Unravelling GHG emission drivers in Typha paludiculture - a mesocosm study	Nora Köhn: Assessing cattail (Typha spp.) productivity and biomass quality over four years at a 10-ha paludiculture pilot site		
	Philipp Fernando Kibrich: Effects of topsoil removal on greenhouse gas exchange and carbon allocation of fen paludicultures	Wass Thissen: Cattail species and water management to optimize cattail yields		
	Caroline Daur, Gerald Jurasinski: How to minimise greenhouse gas emissions in Sphagnum re-vegetation areas - the role of topsoil removal	Maria Glaubitz: Scale-Up of Sphagnum founder material production in a photobioreactor		
	Paul Erik Lankre: Biomass yield and greenhouse gas emissions of reed canary grass in a rewetting fen peatland	Jack Clough: Lessons learned from Sphagnum Farming with the MFA approach		
	Roscoe Kyle Drivers: and spatio-temporal variability of greenhouse gas emissions from temperate fen peatlands under paludiculture	Greta Gaudy: Don't wait too long! - when to harvest a Sphagnum paludiculture		
	Caroline Daur: Cultivation of Typha as a new permanent agricultural crop - initial results regarding the carbon and climate balance			
Coffee break (11:00 - 11:30, Paper)				
11:30 - 12:30	Discussion round			
until 13:00	Closing			

Day 1 - Tuesday - 23rd September 2025			
Session 1 (16:00 - 17:30)	Poster pitches at the beginning and end of the sessions (Order still to be determined)		
	Ecosystem Services 1	Lessons Learned 1 + Biodiversity	Governance
	Marie-Luise Deel, Methane and nitrous oxide measurements on a water buffalo meadow with a dynamic chamber system.	Ross Galjard, Lessons learned from BUFFER: Buffer carbon + water in peatlands: landscape based solutions for climate adaptation	Abel A. Alonso, Policy opportunities for peatland restoration in the Common Agricultural Policy and the Carbon Removal and Carbon Farming Regulation
	Nisa Novita, Enhancing Climate and Community Resilience Through Tropical Peatland Restoration in West Kalimantan, Indonesia	Janice Neumann, PALUS DEMOS: Paludiculture large-scale demonstrations - Advancing solutions for degraded peatlands	Päivi Merilä, PaluWise develops advanced solutions for productive use of rewetted degraded peatland ecosystems
	Elena Altova, The effect of restoration techniques on the carbon savings potential of a raised bog	Annette Prochnow, Vanga Ribber-Terrängen, WettedBB: Network of model and demonstration projects in Brandenburg's peatland regions	Sarah-Maria Schäffer, Spatial Planning and Peatland Protection: Identifying Opportunities for Rewetting
	Elena Altova, A review of greenhouse gas emissions and removals from Irish peatlands	Adam H W. Kils, Can peat moss (Sphagnum) be cultivated on formerly drained Dutch agricultural peatlands - lessons learned from pilot projects	Hubert Pórkolowski, Paludiculture - a chance for disappearing peatland ecosystems in Poland?
	Antonia Felix, hydrological studies on wet meadow paludicultures in the LivingLab Teufelsmoor	Merwin Miska, Networking and overarching coordination of large-scale projects for joint recommendations for sustainable paludicultures	Lars Kretschmer, Germany-wide Potential for Conversion to Paludiculture on Agricultural Land to Reduce Greenhouse Gas Emissions, by Integrating new Yield Models
	Gabrielle Rebelle Quader, Potential of Sphagnum paludiculture for water purification and element sequestration: insights from a field-scale topsoil removal experiment	Sören Tech, The project LivingLab Teufelsmoor	Lisa Coleman, The RuPACT Project – Using 200-year-old maps to uncover Ireland's converted peatlands.
	Philipp-Fernando Kibrich, How much water is required for Typha paludiculture?	Roman Adam, -MOOLetum- Combining peatland climate protection and added value via peatland revitalization and paludiculture	Andrea Lange, An IACS data-based analysis of agricultural land-use on organic soils in Germany
	Matthias Lampe, The water balance of a 10 ha cattail cultivation test site in NE Germany.	Jasmin Hanzer, Carola Blessing, Testing wild plant mixtures for rewetted peatland	
	Sebastian Hellar, Phosphor pools in peat and other organic soils: baseline data and sampling protocols for paludiculture	Leon Hanks, Genomic analyses & DNA-Barcoding for efficient Sphagnum moss differentiation and characterization	
	Sebastian F. A. Jordan, KimaFarm: Paludiculture in Northern Germany – Planting, rewetting and collecting first data	Wielke Vogel, Paludiculture with Typha: climate protection, economy AND biodiversity?	
	Hannah M. Silvenoinen, Boreal Sphagnum farming for increased biodiversity and decreased greenhouse gas emissions	Oswin van der Schuer, Nature based services provided by paludiculture in a peatland wetlandscape	
	ADAM BOSKACZ, Soil Condition and Paludiculture Potential on a Peat-Free Fen in South-Western Poland	Susanne Archaer, Restoration of the Pomeranian population of the Aquatic Warbler – an endangered fen mire specialist	
	Felix Reichelt, Indicators for upscaling GHG emissions from organic soils – about the legacy of soil moisture classes and future improvements		
	Cordula Gutelundt, Effect of solar panels on greenhouse gas emissions in a rewetted peatland		
Day 2 - Wednesday - 24th September 2025			
Session 2 (9:30-10:45)	Poster pitches at the beginning and end of the sessions (Order still to be determined)		
	Peatlands & People 1	Biomass utilization & PV	Economics & Agromony
	Claudia Chumke, MoorGenieur MV - networking, advice and support of peatland rewetting at a regional level	Marc Kiperfisch, Cotton grass: An underestimated fibre plant as an opportunity for the establishment of paludiculture	Wendelin Wichmann, Certification of biomass from Paludiculture
	Carola Krenn, Identifying factors for social acceptance of photovoltaic systems in rewetted peatlands	Jefferson Vicuña, Valorisation of Paludiculture Biomass through Pyrolytic Synthesis in a Two-Step Process	Telise Vogel, Analysing methods for recording machine and work processes for paludiculture procedures - a field test during Typha harvest
	Hauke Schimling, The first student congress on peatland science: "MoorMatters" in Grefrath	Thomas Süß, Andreas Staus, Elena Zylak, Marie Baljeir, Utilization of Peatland Biomass Through Pyrolysis - Results and Practical Experiences from the Two German B&Bw Projects KimaFarm (SH) and MoorWERT (BY)	Sabine Wichmann, Update on the market of Common Reed for Batching (1990 - 2023)
	Matthias Schuppke, "Unser Land kann Moor" - Building an Online Networking Platform and Marketplace for Paludiculture Raw Materials	Ekaterina Gualdo-Kirochka, Michael Röhls, Life Cycle Analysis of Paludiculture-biomass use in paper production	Michael Röhls, Analysis of costs and carbon footprint of Paludiculture-biomass harvesting techniques by means of Monte Carlo Simulations
	Karinne Hamminger, Transforming Peatland Management: Stakeholder Roles and Governance in Brandenburg	Ulrike Wegner, Development of a RAL quality assurance for Sphagnum biomass as a growing media constituent	Marcus Schillingmann, Dairy farming on wet peatland soils: Options, Grassland Management and Valuation
	Sara Horise, Venice Agreement for Peatlands	Baris Oktay Koc, Development of processes for the extraction and processing of fiber raw materials from palud biomass for use in poly B paper	Emily Pope, Supporting the value chain development for paludiculture production in the UK: Sphagnum moss as growing media
		Lynne Aucema, Paludil & Bau: Turning Wetland material into Sustainable Building Materials	Bettina Tackx, A functioning value chain? Results of the BioMo project on keeping water buffalo on rewetted peatland areas in Brandenburg
		Steffen Sydow, Development of innovative building materials based on paludiculture byproducts and establishment of a demonstration production facility	Thiade Thorben Langenhan, Jan Gutjahr, Paludil Value Chains as Bioregional Clusters for Regenerative
		Läng Kristina, FIBLON project: Novel fibre value chains and ecosystem services from sustainable feedstocks	Christina Hartung, Factors Influencing Flower Formation in <i>Carex acutiformis</i>
		Bas Späpfer, PaludilScout.de – An information platform for harvesting machinery in paludiculture	Constantin Möbbus, What influences the germination of Typha latifolia seeds? A literature review, supplemented by experimental results and a practical approach.
		Andrea Krüger, MoorPower – Sustainable and innovative photovoltaic solutions for rewetted peatlands	Jeroen Rijnman, Scaling cattail: pay attention to soil properties and water levels
		Monika Hoffmann, Moor-PV – Climate and peatland protection through a combination of photovoltaics and peatland rewetting	Lars Kretschmer, Influence of nutrient supply on biomass yield and biomass quality of paludiculture plants
		Witruß Koppensteiner, A systematic review regarding the effects of ground-mounted solar farms on floristic biodiversity in Europe	Teresa Koller, Grassland management on rewetted fens: results of field experiments in Bavaria
			Annela Starich, Shearing series, penetrometers, and seven operators: Digging into the user effect on trafficability measurements