



NEXUSNET and the Nexus Project Cluster have drafted an action plan for the Nexus for 2023-2025. The current version presents the status as of May 2023. The Plan is due for confirmation by the Core Group of NEXUSNET, during their meeting on June 5-6, 2023, and will be released on the NEXUSNET website afterward.

Action	Activities	Involvement and timeline	Instruments
Adopt the Nexus concept in education at high school and university. Texas A&M University has a graduate Nexus course with agricultural and civil engineers, and a Nexus executive course at the energy institute for students in master in energy (Rabi Mohtar) (Lead:	<p>Webinar on education and career development (with focus on Inclusive Target Countries, ITC Countries) (Q4-2022)</p> <p>Blog on the relevance, the needs, and career development (Q1-2023)</p> <p>Develop a plan and explore funding opportunities for the implementation of a MOOC. The plan might focus on different target groups and translate nexus modules into different languages. Distinguish between work on content, technical implementation, translation, and dissemination (2023)</p> <p>Implement a Short-Term Scientific Mission (STSM) on Advancing the Nexus for science and policy in ITC countries (Q1/Q2-2023)</p>	<p>NEXUSNET Consortium, with European Yong Water Professionals. Implemented 2022-2024</p> <p>Align with TU Munich regarding their specialization "Water-Energy-Food Nexus" inside the Environmental Engineering Masters Programme (co-coordinated by Daphne Gondhalekar, TU Munich).</p> <p>Link to the activities from UAB: Nexus MOOC: https://www.mooc-list.com/course/sustainability-social-ecological-systems-nexus-between-water-energy-and-food-coursera This Nexus MOOC course is offered by Universitat Autònoma de Barcelona (Mario Giampetro) in Coursera.</p>	<p>Blog</p> <p>Webinar</p> <p>STSM</p> <p>ERASMUS+ proposal</p>



Rabi Mohtar and Chrysi Laspidou)	Implement an ERASMUS+ project (2023-2024)		
Advance networking towards the Nexus in Africa (Lead: Michael Jacobson, Penn State University, SustainFood Project)	Partner SustainFood with NEXUSNet, to expand participation, learn from US and EU best practices, and broadly disseminate the CLS (Collaborative Learning School) findings via collaborative partnerships to maximize global exposure.	<p>NEXUSNET and Nexus Project Cluster will organize a webinar about the nexus in education and capacity development (Q4, 2022)</p> <p>NEXUSNET will endorse one CLS (possibly in Morocco in 2024)</p> <p>Align with the three projects in Africa: Niger, Tunisia and South Africa, on Nexus (contact: Daphne Gondhalekar, TU Munich).</p>	<p>Brief on good practices for the implementation of a nexus curriculum in universities (Q1, 2023)</p> <p>Launch draft of a modular nexus curriculum (Q3, 2023)</p> <p>A modular nexus curriculum tested through SustainFood and NEXUSNET (Q3, 2024)</p>
Overcome analytical and data challenges in Nexus assessments, advancing communication of data with stakeholders and absorption by communities.	Accelnet will support the creation and co-creation of metadata, modeling, and geoinformatics, focusing on Africa.	<p>NEXUSNET will organize a webinar 'How to perform good case study work on the nexus? Overcome challenges in nexus assessments (data: availability, quality, and sharing)'. How to collaborate among projects with similar demonstration sites and targeted towards similar engagement of stakeholders. Are there possibilities for collaboration, create synergies among projects and cross-fertilization. Data governance (concerns related to (i) lack of capacity and resources, (ii) lack of institutional and organizational strategies, or (iii) lack of skills and culture). Is Nexus research different from other integrated approaches? Such an event could</p>	<p>Review of studies (NEXUSNET, 2023). This includes the work of IFPRI (CGIAR, Claudia Ringler et al.) on the Nexus: research guidance with various methodologies suitable to Nexus analyses but with a social sciences focus:</p> <p>https://ebrary.ifpri.org/utills/getfile/collection/p15738co</p>



		<p>be embedded in a Dresden Nexus Community – DNC (Floor Brouwer, Bassel Daher, Texas A&M University and Claudia Ringler – CGIAR) (Q4 in 2023; Q1 in 2024)</p> <p>Stocktaking activities in Africa (2023)</p> <p>Identify good practices (2024)</p> <p>Explore funding opportunities on this topic aimed to overcome the current lack of conversion on models and data.</p>	<p>https://id/132991/filename/133202.pdf</p>
<p>Move from policy briefs toward policy impact. Rabi Mohtar had an NSF project on this topic. We need to cross boundaries. Follow-up: Rabi Mohtar, Chrysi Laspidou and Floor Brouwer.</p>	<p>Different policy briefs will be delivered from NEXUSNET,</p> <p>Main entry points for policy support will be examined (e.g., reforms of environmental policies)</p> <p>Align with Water Europe, the Brussels-based European Technology Platform for Water, to identify windows of opportunities bringing innovations to the national and international policy arena.</p>	<p>Workshop ‘What makes a nexus project impactful?’ during NEXUSNET Meeting Management Committee (September 2022)</p> <p>Identify successful nexus cases from Europe and beyond (2023-2024)</p> <p>Initiate during NEXUSNET Training School (May 2023) and plan ahead during the Core Group meeting in Skiathos (June 2023) (Floor Brouwer, Naomi Timmer, Juliana Chediek and Luisa Prista; advance planning with Water Europe – Loïc Charpentier): Topic is Water Scarcity and Droughts, in the context of the Implementation Strategy for the Water Framework Directive and the Floods Directive.</p>	<p>Two international science-policy events in Brussels (EC and European Parliament) to present the potential for the nexus in policy support in 2024 and 2025)</p>



Nexus-based guide to assess water governance (Lead: Maria Vracholi, Technical University of Munich)	A guide to support robust monitoring of water governance using Nexus-smart indicators and to provide quantitative evidence on economic, environmental and social aspects of water governance.	RETOUCH NEXUS Project Q3-Q4 2024	Practical recommendations and a policy expert workshop in Brussels
Move from networking to integrated management and governance of the Resource Nexus. Lead: to be discussed with Core Group NEXUSNET.	Discuss 'Nexus and management science' (during NEXUSNET Meeting Management Committee) (September 2022) (Svetlana Klessova, GAC Group; Chrysi Laspidou, UTH)	Topical Collection of Papers with Sustainability Nexus Forum, with topic: Resource Nexus for New Modes of Science-Policy Interaction (Floor Brouwer, Chrysi Laspidou, Rabi Mohtar and Fadi Comair) (see: Call for papers // Sustainability Nexus Forum Journal Nexus - The Water, Energy & Food Security Resource Platform (water-energy-food.org) . Journal: https://www.springer.com/journal/550)	
Advance the Nexus towards the international policy arena (e.g., UNEP, UNFCCC, CBD) (Lead: Floor Brouwer and Rabi Mohtar).	NEXUSNET will plan for this in 2023, among others to advance Nexus Diplomacy, SDGs and systems thinking. Explore the potential of Disaster Risk Reduction and preparedness (geopolitical situations, climate migration) to advance Migration and the Nexus (e.g., MENA Region and	Nexus presentations during UN water conference (New York, March 2023) (Phoebe Koundouri, AUEB; Chrysi Laspidou, UTH) (https://www.unwater.org/news/un-2023-water-conference) UNU-FLORES considers a couple of webinars on 'The Resource Nexus to address global challenges: sustainability, solutions, implementation and action' (Floor Brouwer)	A follow-up to 'Measuring societal impact: how to go beyond standard publication metrics': https://www.nature.com/articles/d41586-023-00345-1



	other regions at risk across the globe)		
Advance bottom-up networking on the Nexus through exchanging platforms (Marie-Curie allows for a stay in the US; there might be other funds to match) (CSA: EU and surrounding countries).	<p>Webinar on 25 October 2022 (topic: Internationalisation of the Nexus)</p> <p>NEXUSNET will develop a research agenda (2024)</p> <p>NEXUSNET will organize an event with policy, business, and civil society about the potential of the nexus for decision-making (2024)</p>		<p>Seek funding opportunities for international networking (Europe, North America, Asia)</p> <p>Advocate for research and networking funding programs that connect EU, Middle East, and North Africa WEFÉ-Nexus research, innovation, and science-society research.</p>
Create interactions between the Nexus projects to the PRIMA WEFÉ Community of Practices. Contacts: Fadi Comair, Elias Giannakis	<p>Share the planned activities during the webinar (31 January 2023).</p> <p>Link to the WEFÉ4MED CoP project in PRIMA. Website: wefe4med.eu (not online yet)</p>		
Strengthen capacity in the Nexus through regular webinars	Three webinars are planned for the winter semester (2022/'23) (Floor Brouwer, Chrysi Laspidou, Giannis Adamos, Serena Caucci, Zeynep Ozkul)	<p>Webinar 1: 'Advancing the Nexus through Internationalization and Networking' (25 October 2022; 14-17 pm) (80 participants) (https://flores.unu.edu/en/events/archive/works-hop/advancing-the-nexus-through-internationalisation-and-networking.html)</p>	



	<p>Two webinars are planned for the winter semester 2023/'24 (Floor Brouwer and co-organizers)</p>	<p><i>Webinar 2: 'The Nexus in Education and Career Development' (29 November 2022; 14-16 pm) (40 participants)</i> https://flores.unu.edu/en/events/archive/other-event/the-nexus-in-education-and-career-development.html</p> <p>Webinar 3: "Nexus research for improved policy support: water scarcity in Europe" (31 January 2024); 14-16.45 pm) (110 participants) https://flores.unu.edu/en/events/archive/seminar/webinar-nexus-research-for-improved-policy-support-water-scarcity-in-europe.html</p> <p>See also: Webinar: 'Nexus research for improved policy support: water scarcity in Europe' - UNU - Institute for Integrated Management of Material Fluxes and of Resources</p>	
--	--	---	--