

NENUPHAR

New governance models to enhance nutrient pollution handling and nutrients recycling

Grant Agreement n° 101082169

Kick-Off Meeting. Zaragoza (Spain).

22nd and 23rd November 2023

**New location: International Exhibition (Expo). Sala Polivalente
Zaragoza Dinamiza, Av. de Ranillas, 1D, 50018 Zaragoza**

[Google Maps Link](#)



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DATE		Wednesday, November 22 nd , 2023	
VENUE		CIRCE Meeting Room. Avenida de Ranillas 5A, Zaragoza (Spain)	
Day 1 – Wednesday, November 22nd			
ITEM	SCHEDULE	AGENDA	SPEAKER
-	8:45 – 9:00	Reception at the meeting room	-
START OF KICK OFF MEETING			
1	9:00 – 9:10	Welcome and scope of the meeting. <i>CIRCE's NENUPHAR Project Manager welcomes the project partners, explain the logistics of the meeting and presents the agenda and scope</i>	Marina Cárdenas CIRCE
2	9:10 – 9:25	Project review. <i>CIRCE's NENUPHAR Project coordinator explains the project overview, its concept and the main aspects</i>	Bárbara Palacino CIRCE
3	9:25 – 10:40	Round of introductions. <i>Short presentation of each organization including a general overview of the entity and main involvement and interests in NENUPHAR project (2-3 min each).</i> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>CIRCE</p> <p>CAYC (and CHE)</p> <p>GEST (and ANOLTRI)</p> <p>UVIC-UCC</p> <p>ZSA</p> <p>LBTU</p> <p>LUKA</p> <p>NRDA</p> <p>VMU</p> </div> <div style="width: 45%;"> <p>AKI</p> <p>TEBIKE</p> <p>SUA (and SUA-UF)</p> <p>SIG</p> <p>BW</p> <p>ARI</p> <p>DRAXIS</p> <p>EEB</p> <p>SZE</p> </div> </div>	All partners
	10:40 – 11:10	Coffee break	
4	11:10 – 11:30	EC presentation: <i>Expectations on project implementation and general aspects on project management.</i>	Lukas Varnas Project Officer
WP DESCRIPTION. <i>WP overview explaining its objectives, tasks, working plan, partners' contribution, connection with other WP/task, diagram...</i>			
5	11:30 – 11:50	WP1 Management and Coordination	Marina Cárdenas CIRCE
6	11:50 – 11:10	WP2 Governance models to support dialogue and cooperation	Mercè Boy UVIC-UCC
7	12:10 – 12:30	WP3 Analysis of novel value chains opportunities	Alessandro Carmona CIRCE
8	12:30 – 12:50	WP4 Assessment of regulatory and economic instruments	Mercè Boy UVIC-UCC
9	12:50 – 13:20	WP5 Demonstration and impact assessment	Dārta Gātere ZSA

	13:20– 14:30	Lunch (hosted by CIRCE)	
10	14:30 –14:50	WP6 Capacity building and regional cooperation	Krisztina Miskó AKI
11	14:50–15:10	WP7 Dissemination, Exploitation and Communication	Sergiy Moroz EEB
12	15:10 – 15:30	Closure of day 1 <i>Highlighting the main conclusions of the day</i>	Bárbara Palacino CIRCE
-	20:30	Social dinner (hosted by CIRCE): Place TBD	-

DATE	Thursday, November 23 rd , 2023				
VENUE	CIRCE Meeting Room. Avenida de Ranillas 5A, Zaragoza (Spain)				
Day 2 – Thursday, November 23rd					
ITEM	SCHEDULE	AGENDA	SPEAKER		
-	8:45–9:00	Reception at the meeting room. Welcome coffee	-		
1	9:00–9:05	Welcome and scope of day 2. <i>CIRCE's NENUPHAR Project Coordinator welcomes the project partners and explains the objectives and dynamics for the second day.</i>	Bárbara Palacino CIRCE		
2	9:05–9:30	Financial issues for project implementation. <i>CIRCE's NENUPHAR Project manager present key aspects for Horizon Europe project, reporting, costs justification.</i>	Marina Cárdenas CIRCE		
NENUPHAR RIVER BASIN DEMOS IN SPAIN, HUNGARY AND LATVIA					
-	<p><i>NENUPHAR' demo's leaders detail the technical scope of each demo case (20 min each), addressing the following aspects:</i></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <ol style="list-style-type: none"> 1. <i>Pollutant agents (manure, sewage sludge, wastewater).</i> 2. <i>Description of the geographical area/region.</i> 3. <i>Problematic addressed.</i> 4. <i>Valorization routes (diagram and technology).</i> 5. <i>Lab/ field tests to be carried out.</i> </td> <td style="width: 50%; vertical-align: top;"> <ol style="list-style-type: none"> 6. <i>Results expected.</i> 7. <i>Partners involved in the demo case and role of each.</i> 8. <i>Potential challenges and barriers (risks).</i> 9. <i>Contingency plan for foreseen risks.</i> </td> </tr> </table>			<ol style="list-style-type: none"> 1. <i>Pollutant agents (manure, sewage sludge, wastewater).</i> 2. <i>Description of the geographical area/region.</i> 3. <i>Problematic addressed.</i> 4. <i>Valorization routes (diagram and technology).</i> 5. <i>Lab/ field tests to be carried out.</i> 	<ol style="list-style-type: none"> 6. <i>Results expected.</i> 7. <i>Partners involved in the demo case and role of each.</i> 8. <i>Potential challenges and barriers (risks).</i> 9. <i>Contingency plan for foreseen risks.</i>
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3	9:30–9:50	Hungarian Demo <i>Danube river basin demonstration site</i>	István Mihály SZE		
4	9:50–10:10	Latvian Demo <i>Lielupe river basin demonstration site.</i>	Dārta Gātere ZSA		

5	10:10–10:30	Spanish Demo <i>Ebro river basin demonstration site</i>	María Pérez GEST
6	10:30–10:40	Closure of day 2. Wrap up of KoM <i>Highlighting the main conclusions of the day</i>	Bárbara Palacino CIRCE
	10:40–11:00	Coffee break & departure organization	
VISIT TO GESTCOMPOST			
7	<p><i>The last part of the KoM will be a voluntary visit to GESTCOMPOST's plant for organic residues treatment, located at Pina de Ebro (Zaragoza). At this site, NENUPHAR will demonstrate the valorisation of pig manure to produce new bio-based fertilisers (BBFs) to recover the N/P loads from the manure. The plant hosts an anaerobic digester of 4.800 m3, on which an innovative ammonia stripper will be completely redesigned to test the recovery of nutrients in two streams: (i) liquid fraction of the digestate after the anaerobic digestion of pig manure; (ii) liquid fraction of pig manure. The objective is to demonstrate how these products are suitable for the application as fertilisers in areas with high farm intensity, thus enable to mitigate nutrient pollution while providing the needs for the crops in the area.</i></p> <p><u>Some remarks about the visit</u></p> <ul style="list-style-type: none"> <i>Please note that this is an organic waste and manure treatment plant, so be aware of the level of <u>dirt and unpleasant smell</u>.</i> <i>It is highly recommended to wear comfortable clothes, and to change clothes after the visit (clothes changes shall be done at CIRCE).</i> <i>GEST will facilitate disposable propylene coveralls and shoes covers. In addition, please bring protective/comfortable shoes (preferably <u>security shoes</u>).</i> <i>If you have luggage, you can leave your suitcases at CIRCE's facilities (the meeting room will be locked during the visit).</i> <i>Please confirm your attendance to Marina Cárdenas mcardenas@fcirce.es</i> 		
7.1.	11:00–11:45	Bus departure and arrival at GESTCOMPOST Site at Pina de Ebro	
7.2.	11:45–12:00	Register	
7.3.	12:00–13:00	Visit to GESTCOMPOST Plant	
7.2.	13:15–14:00	Bus return and arrival at Zaragoza: <ul style="list-style-type: none"> 1st stop: Delicias Station-> Bring your luggage to the visit if you get off here. 2nd stop: Expo empresarial (meeting place) 	
END OF KICK OF MEETING			