

ORGANISATION DATA

PIC Number	867247416
Short name to be used in the proposal	Recycllux
Type of organisation (university, research/technology centre, SME, large industry, public institution, cluster, association, NGO)	SME
Main contact person	
Title (Mr, Ms, Mrs, Dr, Prof)	Mrs
Gender (Woman, Man, Non-binary)	Woman
First name	Sorina
Last name	Uleia
Email	sorina@recycllux.com
Position in organisation	Founder & CEO
Phone	+40729019870

Partner Legal Name: Recycllux Malta Limited	
General description	Recycllux Malta Limited is a deep-tech / blue tech SME incorporated in Malta in 2025, as subsidiary of Recycllux SRL (incorporated in Romania, in 2021). The company develops an AI-orchestrated platform for marine waste detection, intervention coordination and blockchain-backed traceability. Recycllux has advanced from concept to TRL 6 through a disciplined, funded trajectory, securing more than €600k equivalent in equity, grants, prizes and in-kind support. Recycllux is a member of the EU Mission Restore Our Ocean and Waters Charter and the EU4Ocean Platform. The company and its founder have been widely recognised: Sorina Uleia was named a Female Ocean Champion in 2025, selected as a semi-finalist for the EU Prize for Women Innovators 2026, and received the AI+Climate Global Award by She Shapes AI. The company has demonstrated market and operational traction. Paid pilots in the Romanian Black Sea validated the full operational model (combining AI-supported detection, field coordination, local recovery actors and impact reporting) at TRL 6. The solution was recognised on the European Commission's Horizon Results Platform (ID: 99021) and awarded with the Black Sea Common Maritime Agenda Project Award for Healthy Marine Ecosystems. Recycllux was recognised as a Change 100 startup, included in the 2025 Meaningful Business 100 and Blue Earth 100 lists, and was named among the top 10 innovation-driven companies in Romania.
Key Persons and Expertise	Sorina Uleia - Founder & CEO. Sorina is a sustainability and innovation strategist with over 20 years of experience in business development, circular economy, and emerging technologies. She has served as an external expert for the European Commission and EIT, evaluating and reviewing projects in AI, digitalisation, and clean technologies. She is a board advisor to the Horizon Europe TULIP and SYMBA projects and a member of Climate-KIC's Network of Climate Coaches. She was named a Female Ocean Champion in 2025, selected as a semi-finalist for the EU Prize for Women Innovators 2026, and received the AI+Climate Global Award by She Shapes AI. Marilou Suc - Co-Founder & Chief Ecosystem Development. Blue Economy expert, with more than a decade of experience connecting maritime innovation ecosystems across Europe. She is the founder of Blue Connection, host and producer of "BlueTech around the world" podcast, and co-founder of NOWA (Network of Women in Aquaculture). She leads Recycllux's ecosystem partnerships and ensures stakeholder engagement for field operations, offering participants a window into international collaboration and science-to-market transition in the marine innovation landscape. Alin Olteanu - Co-Founder & CTO. System architect and full-stack developer with over 15 years

	of experience in building scalable software systems. He leads R&D and oversees the implementation of Recycllux's AI, satellite, and blockchain modules. His expertise supports doctoral candidates' exposure to real-world data processing, system architecture, and digital sustainability innovation. + a team o 7+ (AI, environmental and climate science, economics, etc)
Awards	• June 2026 - Winner of the Positive Futures Award at the re:Marc annual international conference of the Marc Impact Programme (Budapest, Hungary) • June 2026 - Selected in the Next Impact Europe 50 Impact Startups to Watch • May 2026 - 3rd Place at FoundHER Challenge by Prosus and Endeavor (Bucharest, Romania) • May 2026 - 1st Place at SCION NatureTech Demo Day (Sofia, Bulgaria) • Apr 2026 - AI + Climate Award at She Shapes AI Global Awards (London, UK) • Oct 2025 - MB100 (Meaningful Business 100) Winner - annual global award program that recognizes leaders advancing the UN Sustainable Development Goals (SDGs). • Oct 2025 - BE100 Winner, recognised among Blue Earth 100 global ventures driving measurable planetary impact. • Apr 2025 - Change 100 Winner, selected among the top 100 sustainability startups worldwide. • Apr 2025 - Top 10 innovation-driven company in Romania in the Innovation 35 Ranking by start-up.ro. • Nov 2024 - Top 3 Finalist - Cleantech Pioneer, Romanian Tech Startups Association Awards 2024. • Oct 2024 - Winner - BRIDGE Black Sea 2nd High-Tech Summit Investors' Award, Most Bankable Project. • Sep 2024 - Winner - Black Sea Common Maritime Agenda 2024 Project Award, category Healthy Marine and Coastal Ecosystems. • Dec 2023 - Regional Finalist - Best GreenTech 2023, Central European Startup Awards.
Calls of interest	• HORIZON-CL6-2026-01-BIODIV-04 - Ensuring continuous effectiveness of protected areas in conserving habitats and species while facing intensifying drivers of biodiversity loss. Deadline: 17 Sep 2026 • HORIZON-CL6-2026-01-BIODIV-05 - Advancing integrated scenarios and prediction models for informing transition to a nature positive society Deadline: 17 Sep 2026 • HORIZON-MISS-2026-03-OCEAN-04 - Towards a European network of ocean technology testing sites. Deadline: 23 Sep 2026 • HORIZON-MISS-2026-03-OCEAN-05 – Regional sea-basin components of the EU Digital Twin Ocean. Deadline: 23 Sep 2026 • HORIZON-MISS-2026-01-CLIMA-06 - Improving climate resilience of navigable inland waterways, their surroundings and related water infrastructure. Deadline: 23 Sep 2026 • HORIZON-MISS-2026-01-CLIMA-03 - Standardising and supporting climate services for climate adaptation. Deadline: 23 Sep 2026 • HORIZON-MISS-2026-01-CLIMA-02 - Facilitating implementation of actionable solutions for climate adaptation of regions and local authorities. Deadline: 23 Sep 2026 • HORIZON-MISS-2026-01-CLIMA-04 – Bridging disaster risk management and climate adaptation. Deadline: 23 Sep 2026 • HORIZON-CL6-2027-01-CIRCBIO-01-two-stage - Deploying circular systemic solutions through living labs in cities and regions. Deadline: 08 Apr 2027 first stage; 16 Sep 2027 second stage • HORIZON-CL5-2026-10-D6-06 - Increasing competitiveness and resilience of multimodal freight transport and logistics for competitive supply chains. Deadline: 08 Oct 2026 • HORIZON-CL5-2027-01-D1-12 - Better understanding and attribution of land and ocean carbon sources and sinks. Deadline: 04 Mar 2027 • HORIZON-CL6-2027-02-CLIMATE-01-two-stage - Open topic: Innovative solutions for the European Water Resilience Strategy. Deadline: 08 Apr 2027 first stage; 14 Sep 2027 second stage • HORIZON-CL5-2027-03-D5-17 - Innovative solutions for mitigating the environmental impact

	of waterborne transport in marine and aquatic ecosystems. Deadline: 14 Apr 2027 • HORIZON-CL6-2027-01-BIODIV-05 - Accelerating the transition to a nature positive economy: Integrating biodiversity into the private sector. Deadline: 22 Sep 2027 • HORIZON-MISS-2027-03-OCEAN-05 - Large-scale demonstration of protection, restoration and management of blue forest ecosystems in European sea basins. Deadline: 21 Sep 2027 • HORIZON-MISS-2027-03-OCEAN-04 - Towards community-driven business models: coastal and freshwaters sustainable tourism. Deadline: 21 Sep 2027 • HORIZON-MISS-2027-03-OCEAN-03 – Green, circular and resilient harbours. Deadline: 21 Sep 2027 • HORIZON-MISS-2027-03-OCEAN-02 - Circularity of seafood supply chain. Deadline: 21 Sep 2027 • HORIZON-MISS-2027-07-CLIMA-CIT-CCRI-02 - Deploying innovative wastewater management, treatment and valorisation solutions in European cities and regions in the context of climate change. Deadline: 22 Sep 2027 • HORIZON-CL6-2027-01-BIODIV-01 - Integrating Remote Sensing and in-situ observations of Biodiversity, towards a fully interoperable observation and data framework. Deadline: 22 Sep 2027 • HORIZON-CL6-2027-01-BIODIV-03 - Technical innovation to protect ecosystems and scale up their restoration. Deadline: 22 Sep 2027 • HORIZON-CL6-2027-01-CIRCBIO-03 - Developing novel recycling technologies for complex plastic materials applying biotech solutions. Deadline: 22 Sep 2027 • HORIZON-CL6-2027-02-FARM2FORK-06 - Unleashing the potential of sustainable small-scale aquatic food production and recreational fisheries for prosperous local communities. Deadline: 23 Sep 2027
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