

SHORT INTRODUCTION OF NSB



- ▶ We are an Italian SME specialising in the scouting and transfer of green and digital technology. Our core activity is supporting the scaling up of technological innovations and the exploitation of R&D results.
- ▶ To this end, we have designed and tested a method to help all parties involved in a research and development project maintain a permanent focus on technology and application domains. This method has been applied to Horizon 2020 and Horizon Europe projects.
- ▶ Furthermore, we represent an Italian ecosystem for innovation, and we are able to design use and business cases for R&D proposals.
- ▶ Our thematic areas of expertise include circular economy, bio-based industries, and innovative advanced materials.

Expertise of the company for Cluster 5 call topics



How we make the difference for the Cluster 5 call topics 2026-2027

MARKETING
AND EXPLOITATION

TECHNOLOGY
DEVELOPMENT

INNOVATION
MANAGEMENT

Partnership development:

 Industrial partners and end-users from our network

 Pilot design, coordination and assessment



Market research and analysis and Economic viability assessment

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NSB is offering its services as a relevant partner for the HORIZON-CL5-2026-09-D2-01 topic

- ▶ In the HORIZON-CL5-2026-09-D2-01 **Producing battery-grade materials for electrodes through sustainable processing and refining of raw materials or developing bio-based materials (Batt4EU)**, NSB's contribution would primarily be in the areas of **Sustainability Assessment and Exploitation/Business Strategy**, ensuring the project's technical outcomes are commercially and environmentally sound.
- ▶ The topic's second option explicitly targets the "**Utilising Bio-based Raw Materials for Battery Electrode Materials**", and NSB is actively involved in several Horizon Europe projects related to:
 - 1) Circular and **bio-based materials**, including [**GREEN-LOOP**](#) and [**POLYMERS-5B**](#).
 - 2) Sustainable value chains, optimized manufacturing processes, and circularity by design, in [**COMPASS**](#) and [**MC4**](#) as subcontractor, which is directly relevant to the topic's requirement for **sustainable processing and refining of raw materials**.

NSB is offering its services as a relevant partner for the HORIZON-CL5-2026-10-D2-03 topic

- ▶ NSB can serve as a crucial partner in the **HORIZON-CL5-2026-10-D2-03 Integrated Production and Product Development for Next-Generation Lithium-based Batteries for Mobility (Batt4EU and MiE Partnerships)** proposals by focusing on two core areas:
 - 1) facilitating the application of the **SSbD framework**, and
 - 2) leading the mandatory **exploitation and dissemination** work packages.
- ▶ With a **team of engineers and economists**, NSB's expertise as a **technology scouting and transfer organisation** makes it ideally suited to the non-technical but critical aspects of an Innovation Action (IA).
- ▶ NSB is also a **Made in Europe (MiE)** member and **WP leader** in MiE funded projects such as **GREEN-LOOP** and **COMPASS**.

NSB is offering its services as a relevant partner for the HORIZON-CL5-2026-05-D5-07 topic

- ▶ NSB is an ideal partner for the **HORIZON-CL5-2026-05-D5-07: AI-Assisted Digital Aircraft Design, Manufacturing and MRO**.

NSB's role would centre on bridging the technical development with industrial implementation and regulatory acceptance:

- ▶ NSB specialize in **Market Research, Business Planning**, and developing **Go-to-market strategies** for new technologies.
- ▶ NSB has experience in **Technology adoption**, which is vital for integrating AI-assisted maintenance systems, especially those requiring **efficient human-in-the-loop integration**.
- ▶ The topic explicitly requires the effective contribution of **SSH disciplines** to enhance societal impact. NSB can lead this integration, by performing **workforce skills gap analysis** related to the adoption of new AI-assisted digital capabilities.
- ▶ NSB can lead the **dissemination** to ensure a **transparent, informed public perception of the safety level** of new systems and technologies, as required by similar transport topics.

CONTACT DETAILS

Riccardo Varotto



- ▶ NSB – EU projects office

Via Fradeletto n. 29/B

30173 Venice (Italy)

- ▶ E-mail r.varotto@nsbproject.com
- ▶ Mobile phone +39 345 0474554
- ▶ Website www.nsbproject.com

