European Investment Bank

Luxembourg, 30/09/2025

Environmental and Social Data Sheet

Overview

Project Name:	TechEU ALTANA Sustainable Chemistry RDI
Project Number:	2025-0157
Country:	Germany, Italy, other EU member states and Switzerland
Project Description:	Research and development program focused on developing innovations that enables resource efficiency, eliminates hazardous substances, and supports the transition to a more sustainable and circular industrial base across value chains over the period 2025-2028.
EIA required:	no
Project included in Carbon Footprint Exercise[1]:	no

Environmental and Social Assessment

Environmental Assessment

The project concerns RDI activities to develop new technologies, products and processes for the specialty chemical industry. The project activities are not specifically covered by Annexes I or II of the EU Directive 2011/92/EU as amended by the 2014/52/EU Directive and therefore not subject to an Environmental Impact Assessment procedure.

The project per se does not have any significant negative environmental impacts: impacts are limited to typical laboratory operations - minimal chemical waste, energy consumption, and small-scale pilot emissions - all managed through existing environmental management systems and regulatory compliance, ensuring negligible overall impact.

Key environmental benefits expected from the RDI activities include:

- *Circular Economy:* Development of products enabling improved recyclability of packaging materials, use of recycled content (up to 80% in certain applications), and design for circularity
- *Zero Pollution:* Reduction of volatile organic compounds (VOCs) through solvent-free formulations, elimination of hazardous substances (chromate-free corrosion protection), and water-based alternatives
- *Climate Mitigation:* Products enabling renewable energy technologies (materials for wind turbines, solar panels, and electric vehicles), improved energy efficiency in industrial processes, and reduced carbon footprint through bio-based feedstocks

[1] Only projects that meet the scope of the Carbon Footprint Exercise, as defined in the EIB Carbon Footprint Methodologies, are included, provided estimated emissions exceed the methodology thresholds: 20,000 tonnes CO2e/year absolute (gross) or 20,000 tonnes CO2e/year relative (net) – both increases and savings.

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The project is fully aligned with the promoter's sustainability strategy and its science-based targets validated by SBTi, which include achieving net zero emissions across all scopes by 2050. The RDI activities directly support the achievement of the company's Scope 3 emissions reduction target of 30% by 2032, as the innovative sustainable products developed will reduce emissions throughout the value chain.

Climate Assessment

The project is considered to be Paris aligned because i) it meets the low carbon criteria as set out in the Climate Bank Roadmap (Annex 2, Table B Industry i.e. RDI) and ii) is assessed as not materially at risk from physical climate hazards.

EIB Paris Alignment for Counterparties (PATH) Framework

ALTANA is in scope and screened into the PATH framework, because it is considered high emitting. ALTANA already meets the requirements of the EIB PATH framework with its existing alignment plan, having joined the Science Based Targets initiative (SBTi) with validated climate targets for Scopes 1, 2, and 3

Social Assessment

The project supports research activities at established R&D centres employing highly skilled technical staff and researchers. The promoter adopts working procedures that respect safety, with occupational health and safety management systems in place, and promotes gender balance and inclusive employment practices. The RDI activities are expected to sustain high-quality employment and contribute to maintaining Europe's technological leadership in specialty chemicals.

Public Consultation and Stakeholder Engagement

As an R&D project, no specific public consultation was required. The promoter maintains regular engagement with stakeholders including customers, suppliers, universities, and research institutions through its established collaboration networks.

Other Environmental and Social Aspects

ALTANA has established strong partnerships with academic institutions through the ALTANA Institute, facilitating knowledge exchange and supporting PhD and Master's theses.

The promoter has achieved recognition through various sustainability assessments and participates in key industry initiatives:

- *EcoVadis assessments* for evaluating sustainability performance across environmental, labor practices, ethics, and sustainable procurement
- Member of the *UN Global Compact* since 2010, with regular Communication on Progress reports
- Participant in *CDP Climate Change* program for transparent emissions reporting
- Signatory to the *Responsible Care Global Charter* of the International Council of Chemical Associations (ICCA)
- Member of *Together for Sustainability (TfS)*, undergoing assessments to meet chemical industry sustainability standards

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Conclusions and Recommendations

The project concerns investments in research and development that will not have any significant negative environmental impacts.

The innovative products and processes resulting from the R&D activities are expected to have substantial positive environmental impacts through:

- Enabling technologies for renewable energy and electrification
- Reduction of hazardous substances and VOC emissions
- Improved recyclability and circular economy solutions
- Climate change mitigation through sustainable materials

The promoter demonstrates strong environmental and social management capabilities, with established systems, science-based climate targets validated by SBTi (including net zero by 2050), and a track record of innovation in sustainable chemistry.

The project is therefore acceptable for financing by the Bank in environmental and social terms.