

Public

Environmental and Social Data Sheet

Overview

Project Name:	ALTANA SUSTAINABLE SOLUTIONS
Project Number:	2020-0761
Country:	Germany
Project Description:	The EIB financing will support the promoter's research and development programme in 2021-2024. The promoter develops and produces specialty chemicals including additives, coatings, sealants and adhesives, effect pigments, impregnating resins and varnishes. The RDI programme has a strong focus on environmental sustainability.
EIA required	no
Project included in Carbon Footprint Exercise ¹ :	no

Environmental and Social Assessment

Environmental Assessment

The RDI investment project presented to the EIB comprehensively addresses the promoter's Sustainability strategy, targeting two topics:

1. Environmental sustainability: development of sustainable products and production technologies to reduce the environmental impact of the final products, thus contributing to reduction of raw material consumption, waste generation and emission.
2. Digitalisation: implementation of digital tools in the RDI process aiming to boost the efficiency of product technology development and time-to-market

As the project concerns RDI activities conducted in dedicated laboratories, the project per se does not have any significant impact on the environment. However, the results from the R&D activities will significantly contribute to the further improvement of the company's move towards even safer and more sustainable products and processes.

The RDI activities include the development and lab scale testing of new products and processes for which the promoter already has the required authorisation, no demonstration plants are planned to be installed. Furthermore, the RDI activities will be carried out in already existing and authorised R&D facilities and do not fall under any of Annexes of the Environmental Impact Assessment Directive – Directive 2014/52/EU amending Directive 2011/92/EU.

Other Environmental and Social Aspects

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.

Sustainable Product Strategy

ALTANA defines sustainability as the key design criteria at a very early stage of product development. This includes the responsible handling of resources (water, energy, and raw materials) as well as the goal of developing products whose effects on the environment are as low as possible without detracting from the product's function. ALTANA's sustainable products strategy includes the following pillars:

- Products Promoting Climate Protection
- Sustainable Effects for Customers
- Replacement of Critical Substances
- Products from Renewable and Recycled Raw Materials.

Carbon Neutrality by 2025

ALTANA has set its target to become CO₂ neutral until 2025. To achieve this goal ALTANA follows a clear priority scheme:

- Avoid the use of unnecessary energy
- Use the energy as efficiently as possible (e.g. by low energy equipment/machines)
- Switch to electrical power from renewable sources
- Avoid the use of energy from fossil sources or take part in compensation projects. This will apply for CO₂ emissions according to Scope 1 (direct emissions), Scope 2 (indirect emissions) and selected categories in Scope 3 (e.g. business travel, transportation).

ALTANA will thus aim to achieve climate neutrality in its direct sphere of influence by 2025.

Environmental impact management and certifications

- ALTANA commits to implement and anchor sustainability by continually reducing the environmental effects of the company and by improving safety at the respective sites. 89% of all ALTANA production sites, including the R&D facilities and pilot plants, fulfil the ISO 14001 standard. In addition, most of the sites have implemented an energy management system; 10 sites are certified in accordance with ISO 50001 (Energy Management System). In addition to the ISO certifications, ALTANA measures its sustainability performance via ECOVADIS². ALTANA has recently performed the reassessment and maintained GOLD status.
- ALTANA has been a member of the UN Global Compact since 2010. ALTANA publishes on a regular basis the Communication on Progress reports, which contains ALTANA's actions on commitment to UN sustainability goals.
- ALTANA was audited at two sites by "Together for Sustainability (TfS)³", which is a joint initiative of 29 chemical companies. The initiative focuses on the promotion of sustainability practices in the chemical industry's supply chain around a single standard of auditing and assessment. TfS assessment and audits are carried out to a pre-defined set of criteria and then shared across TfS member, hence helping to improve efficiency of each member.
- ALTANA signed the Responsible Care Global Charter of the International Council of Chemical Associations (ICCA). Key elements include continual improvement of knowledge

² <https://ecovadis.com/>

³ <https://tfs-initiative.com/>

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about environmental protection, health and safety, as well as the optimization of technologies, processes, and production over their lifecycles to protect people and the environment.

- ALTANA has executed for some main products a “Life Cycle Assessment” according ISO 14044 and testified by TÜV, an independent external institution. Furthermore, ALTANA has started to evaluate relevant products according to the “Cradle-to-Cradle” regime and has gained the Platinum-level in the material health category.

Conclusions and Recommendations

The RDI activities will not result in any changes to the authorised scope of RDI activities and facilities and are not subject to the Environmental Impact Assessment Directive.

As it concerns RDI activities, the project per se does not have any significant impact on the environment. However, the results from the R&D activities will significantly contribute to the further improvement of chemical industry transformation towards safer and more sustainable production. The company seeks to ensure that the products they bring to the market create a neutral or positive environmental and social impact from development up to production; supporting the protection of the environment and quality of life of people.

Considering all of the above, the project is acceptable for Bank financing.