



Public

Environmental and Social Data Sheet

Overview

Project Name:	MATR FOODS
Country:	Denmark
Project Description:	The project aims at financing the innovative Danish start-up MATR Foods ApS for its RDI activities and the construction and operation of a first-of-a-kind plant for the production of new, clean label plant-based meat alternatives.
EIA required:	no
Invest EU sustainability proofing required	yes
Project included in Carbon Footprint Exercise:	No

Environmental and Social Assessment

Environmental Assessment

The Project includes:

- 1) the assembly and operation of an installation for plant-based meat alternatives (PBMA) production with a capacity of 3 500 tpa, located in Denmark. The installation will be assembled into an existing building already approved for food production activities,
- 2) RDI activities for the optimisation of the production technology and the development of novel products based on the fermentation technology developed by the promoter. These activities will be carried out in Denmark in existing facilities.

The Project does not fall under the EIA directive 2011/92/EU as amended by 2014/52/EU. While the installation does not require a construction permit, it will require approval for its operation by the Danish Veterinary and Food Administration (DVFA).

The installation will process locally available agricultural products. The fungus used in the fermentation is non-pathogenic and does not require any specific precaution in its handling. The facilities will be subject to the hygiene requirements of the Danish Food Legislation. Including the Executive Order no. 1518 of 15/12/2022 concerning food hygiene and the microbial criteria for food, Directive no. 9774 of 30/06/2022.

The wastewater will be treated to meet the municipality requirements before being discharged to the municipal wastewater network. Compliance with these requirements will be monitored through the municipal sampling scheme. The organic material from the wastewater filtration process, along with other organic waste collected from the installation, will be sent by a contractor to a biogas generation plant.



The other waste streams generated will be initially sorted in accordance with municipal waste regulations (plastic, wood, cardboard, glass and metal, organic waste) and disposed through approved contractors.

Climate Assessment

Paris Alignment:

The Project is compliant with the Paris Alignment Framework – Low carbon, version 1.1, of the EIB and particularly the table E, bioeconomy, production of proteins from more sustainable and innovative production system with a lower carbon footprint.

EIB Paris Alignment for Counterparties (PATH) Framework

The counterparty MATR FOODS is in scope and screened out of the PATH framework, because it is not considered as high emitting or high vulnerability.

EIB Carbon Footprint Exercise

The absolute annual emissions of the Project in a standard year of operation are estimated at 0.8 kilo-tonnes CO₂e per year. This estimate comprises the Scope 1 emissions (direct emissions from production processes), Scope 2 emissions (indirect emission from energy consumption) as well as Scope 3 emissions (e.g., life cycle emissions linked to the crops used as raw materials).

The Project will result in substantial avoidance of CO₂e emissions compared to the Project's baseline scenario, which considers the greenhouse gas footprint related to the production of the same amount of traditional meat-based burger patties produced through established production systems in Denmark.

It is estimated that the overall Project will result in emissions savings of 18.1 kilo-tonnes of CO₂e per year. For the annual accounting purposes of the EIB Carbon Footprint, the Project emissions will be prorated according to the EIB lending amount signed in that year, as a proportion of the Project cost.

Social Assessment

The Project is located in Denmark, and therefore the promoter will comply with all the applicable labour and social legislation of the country, as well as international conventions and charters, in line with EU standards.

Other Environmental and Social Aspects

The Project will comply with European and national regulation, including for food safety and best available techniques.

The Project supports the scale up of an innovative start-up, which will generate employment opportunities.

Conclusions and Recommendations

Sustainability proofing conclusion:

Due to its characteristics and location the project will have low residual environmental, climate and social impact.



The Project does not require an EIA and is carried out in compliance with applicable EU and national environmental and social legislation. No further sustainability proofing is required.

Undertakings:

The Promoter shall:

- notify the Bank about any subsequent change/modification/extension of the Project that could trigger an EIA-IED permitting process, following EIA directive 2014/52/EU, amending 2011/92/EU, and submit the relevant assessment reports and permits to the satisfaction of the Bank.

Subject to the above, the Project is acceptable for Bank financing in environmental and social terms.