



European Investment Bank (EIB)

Luxembourg, 26.11.2019

Environmental and Social Completion Sheet (ESCS)

Overview

Project Name:	France Biomasse Cogénération et Valorisation Déchets
Project Number:	2012-0084
Country:	France
Project Description:	The Project consists of a bank-intermediated framework loan for the financing of (i) environmentally-driven biomass cogeneration and heat-only projects and (ii) municipal solid waste treatment facilities/biogas projects, all of which in France.

Summary of Environmental and Social Assessment at Completion

EIB notes the following key Environmental and Social outcomes at Project Completion.

The environmental impacts of most of the renewable energy, energy efficiency and biomass investments by this loan were limited, with no significant negative residual effects. Special attention is given to composting, which is limited to clean and separate streams of household organic waste. The investments have generally resulted in positive environmental impacts, notably by reducing GHG emissions and avoiding waste going in the landfills. Due to their technical characteristics, however, some of the investments have fallen under Annex II of the EIA-Directive 1997/11/EC and were required by local authorities to perform a full EIA.

Originally, two Financial Intermediaries (FIs), were approved by the Bank to channel loans to the individual projects.

The projects complied with the Bank's environmental Standards and requirements, which reflect inter alia the environmental requirements set by EU environmental legislation also transposed in France.

This operation supports the construction of a total of nine projects out of which two were subject of a full appraisal, incl. environmental and social aspects, by the Bank (projects 2013-0501 and 2013-0502):

- "SYMEVAD (TVME)" with an investment cost of EUR 54 m, consisting of a domestic waste sorting and treatment plant with energy-production and material recovery, for an annual input of 80,000 to 100,000 tons p.a. in East France (Hénin-Carvin, Osatis, Douaisis).
- "SMET 71" with an investment cost of EUR 51 m, consisting of a sorting-methanisation and composting domestic waste treatment unit (annual input of +/- 90,000 tons p.a.) in Saône & Loire.

The FI's confirmed compliance with the relevant environmental legislation, acknowledged by the Bank during its full due diligence on the projects (investment above EUR 50 m). A copy of the non-technical summaries of the EIA report were provided to the Bank in due time.



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The other subprojects (below EUR 25 m):

- Commune Bretagne Romantique : Wood (2 x 720 kW) and gas (2 x 1500 kW) heat boilers, supplying heat to the city's district heating network. Incl. woodchip storage.
- Communauté de communes du Pays d'Evian project Terragr'eau : Biogas digester and composting unit, processing 40,000t/y agricultural waste. The biogas is, after purification, injected into the regional methane gas grid.
- Syndicat Mixte Kerval Centre Armor : Collection, separation and production of solid recovery fuel from household waste, thus avoiding landfill.
- SYDED DU LOT, Gourdon : 2 wood boilers 1,500 kW replacing 3 diesel fuel boilers, with annual production of 7000 MWh/y heat delivered to the town district heating network, thus saving +/- 1,500 t/y of CO₂.
- Trivalis : Waste collection and separation centre replacing 5 smaller local centres. This new centre is equipped with high capacity separation equipment allowing for high rates of recycling and composting thus avoiding landfill and incineration.
- Méthagri 32 : Construction of biogas digester unit allowing for energy valorisation of 10,450 tonnes of dry agricultural waste.
- SAS Bioenergie Rivault : Collection of pork manure, biogas digester and cogeneration linked to pig farming.

No projects with a total investment amount above EUR 25m and below EUR 50m were presented to the Bank for an ex-ante approval.

Summary opinion of Environmental and Social aspects at completion

The Bank is of the opinion, based on the reports of the financial intermediary, that the Project was implemented in line with the EIB Environmental and Social Standards applicable at the time of appraisal.