

Environmental and Social Data Sheet

Overview

Project Name:	MONACO I BAVARIAN GAS PIPELINE
Project Number:	2015-0003
Country:	Germany
Project Description:	Construction of a 87 km-long gas pipeline from Überackern (Austria) to Finsing (Germany)
EIA required:	yes
Project included in Carbon Footprint Exercise ¹ :	No

Summary of Environmental and Social Assessment, including key issues and overall conclusion and recommendation

The project falls under Annex I of the Environmental Impact Assessment Directive 2011/92/EU (amended 2014/52/EU). The respective assessment reports, including Appropriate Assessments, were submitted to the authorities in 2013 and disclosed to the public in 2014. The promoter expects the EIA procedure to finish around mid-2015 and the planning permission to be granted in Q1/2016 at the latest. Prior to first disbursement the promoter should provide evidence from the competent authority that the project has received planning permission.

The pipeline route was determined in such a way as to minimize its impact on environmentally sensitive areas. Construction techniques include measures to identify, protect and work around archaeologically important sites or monuments in close conjunction with the relevant authority; to identify and possibly avoid contaminated sites and where crossing of such sites is unavoidable, to ensure appropriate disposal of contaminated material based on a waste disposal concept. Further, works in environmentally sensitive zones will be undertaken, by applying closed drilling techniques such as microtunneling (pipe-jacking).

Environmental and Social Assessment

Environmental Assessment

The pipeline will be underground and follow existing rights of way where appropriate, thus maintaining the integrity of sensitive zones. Impacts that can be typically expected are mainly temporary and relate to construction works (clearing of rights of way, noise, dust, increased traffic, temporary access restrictions, construction camps and lay-down areas, waste disposal, crossing of highways, rails and water ways). These impacts can usually be well managed by appropriate measures taken by the construction company in order to avoid unacceptable nuisance to other parties and the public. Some pipeline sections will affect Natura2000 sites (DE 7939-301 Innauen und Leitenwälder, DE 7739-371 Grünbach und Bucher Moor), and do require installation measures that minimise impacts to minor and insignificant levels. The promoter – having a high degree of environmental and social management capacity - has to compensate for impacts through various forestation and planting measures as identified in detail in the EIA. Permanent minor visual impacts will result from the construction of the new pressure control and metering stations, which will be located within areas designated for industrial usage at both ends of the pipeline. No particular significant impact is expected from these stations.

EIB Carbon Footprint Exercise

Estimated annual emissions of project in a standard year of operation: 32.7 kt CO₂/year absolute (gross). These emissions are calculated based on the following assumptions: Estimated gas demand in the first year of operation is 21 TWh (max possible: 41 TWh). Assumption for auto-consumption of gas is 0.45% for pipeline compression and fugitive emissions at 0.05%. Gas combustion emissions factor 56.1 tCO₂/TJ, adjusted for unoxidised carbon 99.5%. Emissions factor for methane emissions: 1291 tCO₂e/GWh. No relative CO₂ emissions are taken into account as there are no alternatives to a gas pipeline available to meet increasing gas demand. 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 project cost.

¹ Only projects that meet the scope of the Pilot Exercise, as defined in the EIB draft Carbon Footprint Methodologies, are included, provided estimated emissions exceed the methodology thresholds: above 100,000 tons CO₂e/year absolute (gross) or 20,000 tons CO₂e/year relative (net) – both increases and savings.