

Preliminary EIA Siting of LNG Terminal, Offshore Zahrani, Lebanon

EDESSA was commissioned by Poten & Partners Inc. (Poten), a U.S. based company in the process of preparing the Terms of References for the siting of an LNG terminal in Lebanon for the benefit of the Ministry of Energy and Water (MoEW) and the Council for Development and Reconstruction (CDR), to undertake a preliminary Environmental Impact Assessment (EIA) for the construction and operation of a Floating Storage and Regasification Unit (FSRU) LNG terminal offshore of Zahrani South of Sidon in South Lebanon.

The EIA has been prepared in accordance with the Ministry of Environment Guidelines to address the potential environmental impacts that could arise from the construction and operation of the aforementioned project which consists of an FSRU LNG Terminal and a breakwater.

The main sections of this report present the legal and institutional frameworks for conducting such EIA, the description of the project and its environment, a baseline assessment, an evaluation of the impacts and the outline of a comprehensive Environmental Management Plan (EMP) recommended to be developed for this project.

EDESSA's initial impacts assessment indicate that negative impacts should be minimal provided that recommended mitigation measures are properly implemented. Positive impacts improving, on a national and local level, the environmental and socio-economical settings are expected to result from the development of this project.

