

# Preliminary EIA Siting of LNG Shuttle Terminal, Onshore Jieh, 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 small Liquefied Natural Gas (LNG) terminal onshore Jieh next to the Jieh Power Plant in South Lebanon in order to feed Jieh and Zahrani power plants with Natural Gas (NG).

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 a shuttle terminal receiving LNG from Beddawi in order to feed Jieh and Zahrani power plants with NG.

EDESSA's initial impacts assessment indicates that negative impacts should be minimal provided that recommended mitigation measures are properly implemented. The negative environmental impacts of this project are likely to be greater than the transfer of the gas from Beddawi to Zahrani using a pipeline.

Positive impacts improving on a national level, the environmental and socio-economical settings are expected to result from the adoption of Natural Gas as a source of Energy for the power plants.

