



Photo: Alvenius



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## EDC, Geothermal Production Fields

**FACTS:** Country:..... the Philippines  
Dim:.....6" (152mm)  
Media:..... Various, see below.

Alvenius are the major supplier of steel pipes and fittings to the Energy Development Corporation (EDC) in the Philippines. EDC has four major production fields and supply approximately 30% of the total energy in the Philippines.

The pipes are used for transportation of water, wastewater, geothermal fluids and air. Water is needed for drill rigs, concrete during construction, as well as cooling towers and condensers in the operational stage of the plants.

The geothermal energy generation process also generates wastewater and geothermal fluids. To protect the environment it is necessary to re-inject both the wastewater and the geothermal fluids to the geothermal reservoir.

The Alvenius pipe is well adapted to the needs of EDC in these rough installation environments. Pipelines are often laid directly through the jungle and in remote areas. The ease of assembly and the possibility to re-use all of the components repeatedly is an economical advantage of the Alvenius Pipe System.