

Mine Capacity Extension Study Ukraine

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Objective: identification of the most likely direction the expansion will take and the relevant issues that will have to be addressed to achieve a mining capacity of 5 Mt/a.

Location: Aleksandrijskij region, Ukraine

Client: Gasification Solutions B.V.

Beneficiary: Ferrexpo

Year: 2010

Budget: 28.000 €

Initial situation:

At the request of Gasification Solutions B.V., C&E Consulting and Engineering has carried out a Pre-Feasibility Study for its client who owns the mining license for several lignite mine deposits in Ukraine and is in control of the operations.

The Pre-Feasibility Study was worked out at the level of an expert opinion for the expansion of the production capacity of this opencast lignite mines from 1 Mt/a to 5 Mt/a in the Ukraine.



Services provided:

- Geo- and hydrological opinion on the coal deposit
- Expert view of current - partly ceased - mine operations
- Technical opinion on the expansion to 5 Mt/a production
- Indication of the expected environmental effects
- Planning measures for the expansion project
- Analysis and evaluation of the current mine operation including overburden removal system and coal mine operation
- Analysis and evaluation of the investment and development activities of the mining company
- Elaboration of a Mining Model, Financial Model and Investment Model for the mining project