



## MEL - Demonstrateur

CARMEUSE, BELGIUM, 2007

PRIMARY



**Carmeuse has more than 150 years experience in quarrying and transforming limestone and dolomite into lime and lime products using a number of different manufacturing processes.**

Magnesium Enhanced Lime (MEL) technology has proven its SO<sub>2</sub> removal efficiency over the years in several power plants in the US. Carmeuse is now investigating the transfer of this MEL technology to European power plants. To do so, Carmeuse consulted IPS to build a tool to present the different technologies with an integrated investment and exploitation cost calculation.

Based on mass balance calculations and using certain chosen user requirements, the recommended solution in any particular investment can be different. To perform this investment analysis, we have evaluated all equipment prices. These prices are integrated in our tool to calculate investment budgets.

### Principal project data

Working out a technical and commercial comparison of different wet flue gas desulphurisation techniques.

### Scope IPS

- Process Description
- Basic Engineering
- P&ID
- 3D lay-out
- Procurement
- Construction of a cost calculation program

### IPS operational unit(s)

- IPS Belgium sa

