Flue Gas Desulphurization (FGD)

LAB is a subsidiary of www.lab.fr
SEMI-DRY FGD: **Conditioned SecoLAB®** process operated with quick or hydrated lime for high reliability and availability

Semi-dry FGD key references

- SOLVAY / Tavaux - FR 1 x 134 MWth
- VEOLIA / Trebovice - CZ 1 x 161 MWth
- SOLVAY / Dombasles - FR 2 x 78 MWth
WET FGD: Limestone or lime / sea water scrubbers for safe respect of SOx emission limits and possible gypsum valorisation

**Key references**

- **ALBIOMA / Le Gol - FR**  
  1 x 58 MWel

- **LOKALSTYRE / Longyearbyen - NO**  
  11 MWel + 16 MWth

- **CEH / Paroseni - RO**  
  1 x 150 MWel

- **ALBIOMA / Le Moule - Caraïbes - FR**  
  1 x 38 MWel
For over sixty years LAB has been designing and building turnkey Flue Gas Cleaning (FGC) covering three main activities: Waste, Power / Biomass and Marine Industry.

Offering state-of-the-art turnkey solutions, LAB has joined the Environment Division of CNIM in 2001. 200 highly skilled specialists & engineers work over the world, and LAB is ISO and OHSAS quality certified.

LAB devotes considerable efforts in R&D offering the complete portfolio of advanced Flue Gas Cleaning (FGC) systems from dry to semi-dry and wet technologies including catalytic systems and condensation units, thanks to numerous patents.

LAB Flue Gas Desulphurization (FGD) solutions include semi-dry and wet technologies to fulfil the most stringent IED Directives for coal fired and biomass boilers.

LAB has in the recent years delivered turnkey semi-dry FGD, lime or sodium bicarbonate reagent based, as well as wet FGD, and sea water scrubbers.

Well-known and international companies have selected LAB to retrofit their industrial and utilities boilers with robust and efficient FGD.

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