

## 4 HAM COGEN BIOMASS CHP POWER PLANT

2010

HAM – Aubruggestraat – 3945 Kwaadmechelen (Belgium)

Completed

### CATEGORY

*Industrial civil engineering & Offices (private)*

### IDENTIFICATION

*Power plant in Ham-Kwaadmechelen Ravenshout*

### OWNER

*4 Ham Cogen*

### ARCHITECTURE

*Archi<sup>2</sup> & Exas associated*

### FINANCIAL SUPPORT

*4 Energy Invest (civil works: €2,500,000)*

### MISSION

*Architecture / Civil engineering / Health & Safety coordination  
Coordination between Civil Works and Process*

### WORKS

- *Foundation of the power plant: raft on stone columns*
- *Fuel storage and handling:*
  - *concrete building with footings on stone columns*
  - *laminated wood roof structure*
- *coordination with handling devices (walking floors, sieve, conveyors, ...) and power plant*
- *Covered biomass storage:*
  - *concrete building with footings on stone columns*
  - *radiators concrete support*
  - *laminated wood roof structure*
- *Offices: precast concrete building on raft foundation*

