

Pellet production plant

BIOPELL GmbH, Empfingen (D)

DETAILS & FACTS

product type: **DINplus wooden pellets**
raw materials used: **sawdust**
production capacity: **60-120,000 ton/year**

TECHNICAL & INFRASTRUCTURE

3 x pellet pressing machines at **4.0** or **5.0** ton/hr
2 x central belt drying systems, each with **8** ton/hr output capacity
wet and dry chip silo, each measuring **2,000m³**
automatic raw material delivery and storage
raw material delivery area
1 x biomass hot water boiler system, **2.6** MWth
1 x biomass warm water container boiler system, **1** MWth
1 x natural gas block-type thermal power station, **1.2** MWth/**1.0** MWel
3 x plant oil block-type thermal power station, **4.9** MWth/**5.8** MWel
1 x biomass block-type thermal power station, **8.2** MWth/**1.9** MWel
for the energetic use of NAWARO fuels
production area with office building and vehicle weighing station (**1.3** hectare premises)
pellet storage for around **10,000** tonnes
control and guidance technology, including directrix plane

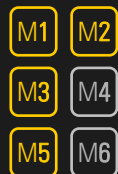
PROJECT & DETAILS

investment costs: **€ 14.6** million
planning time frame: **2005-2012** (divided into sections)
implementation: **2005-2012** (divided into sections)
putting into operation: **2005-2012** (divided into sections)



MODULES & SERVICES

CONSULTING ⇒ EVALUATION ⇒ PRE-STUDY ⇒ OVERALL ENGINEERING



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ing. büro längle gmbh hauptstr.4 6840 götzis austria Tel: +43(0)5523 69194 office@energie-contracting.com www.energie-contracting.com