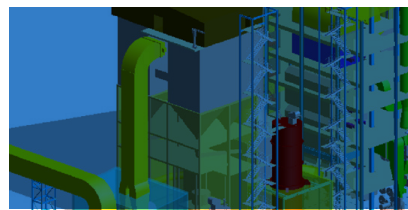
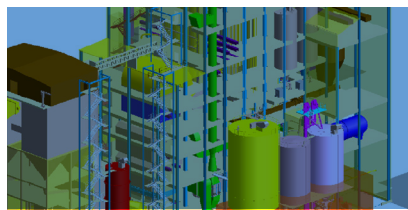
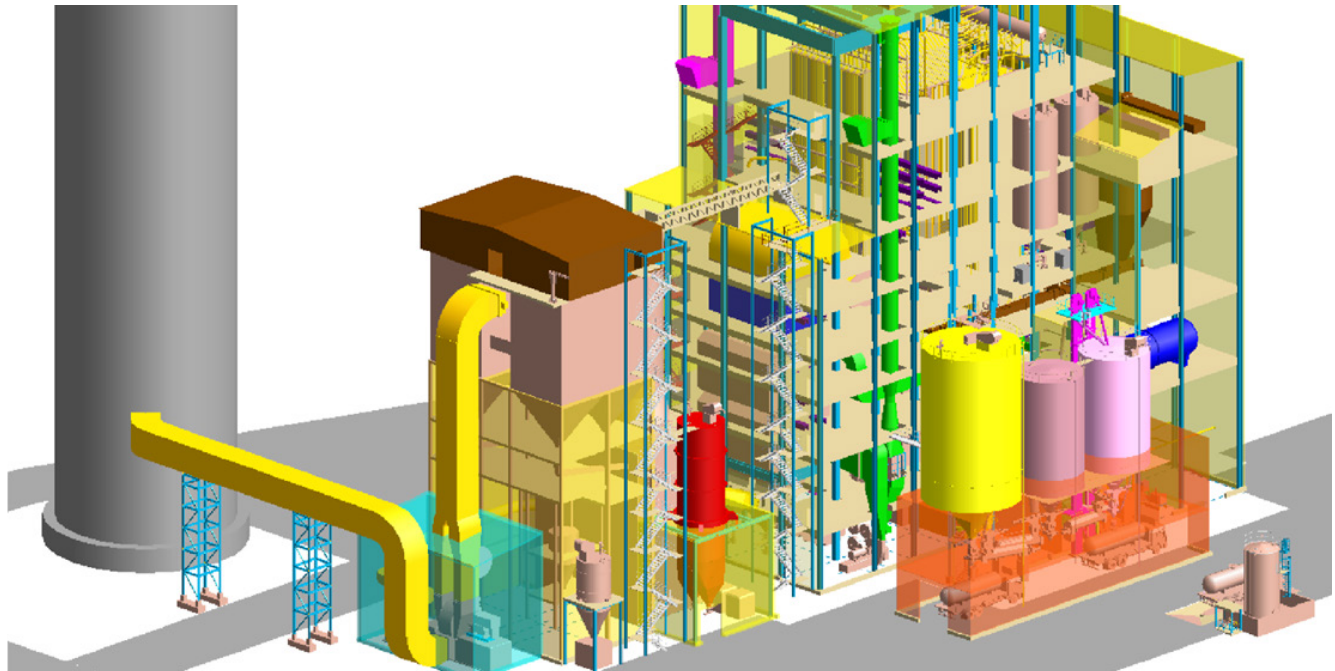


Fortum Silesia CHP Plant

Multi fuel-fired CFB and CFB scrubber



Project summary
 Location: Zabrze, Poland
 Customer: Fortum Heat Polska
 Duration: 2015-2018
 Scope: CFB boiler and scrubber

The Fortum Silesia CHP Plant will produce 75 MWe of power from waste RDF, biomass and bituminous coal. The plant will utilize Sumitomo SHI FW's circulating fluidized-bed and CFB scrubber technology to cleanly and efficiently produce power.

- Scope included design and supply of the CFB boiler and Jet VIP CFB scrubber

Plant Electrical Output (Net)	75 MWe	
Steam Flow	270 tph	595 kpph
Steam Pressure	92 barg	1334 psig
Steam Temperature	536°C	997°F
Fuel	Waste RDF, biomass, bituminous coal	
CFB scrubber flue gas flow	298,032 ACFM	506,360 m3/hr

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Our vision is to provide sustainable energy solutions through decarbonization, decentralization and digitalization of the energy industry. Our capabilities cover customer needs in the fields of power generation utilizing circulating fluidized bed (CFB) technologies, long term energy storage, and related network services. We continuously broaden our portfolio of products and services by advancing our in-house technologies and developing further alliances with new partners.

Our Values

Respect for people.

Valuing and inviting differing views and ideas

Committed to customers.

Exceeding expectations and providing value

Safety, integrity and teamwork.

Incorporating ethics in everything we do

Ownership of results.

Personally ensuring that success is achieved

Passion to innovate and grow.

Setting challenging goals for growth



Sumitomo
SHI **FW**