

BIOMASS HANDLING SYSTEMS FOR UK PORTS & POWER STATIONS

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BIOMASS HANDLING SYSTEMS FOR UK PORTS & POWER STATIONS

1. Delivery
2. Storage
3. Conveying
4. De-Dusting



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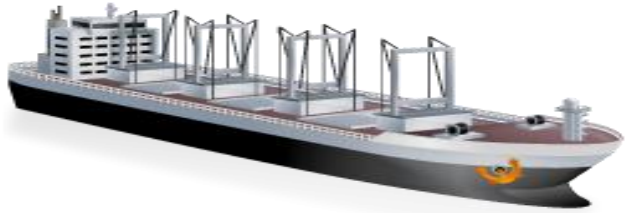


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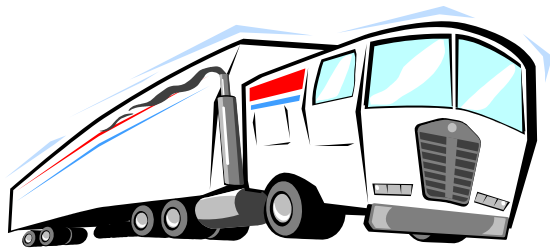
DELIVERY



60,000 tonnes



2,000 tonnes



30 tonnes



DELIVERY



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STORAGE



Net CV 27.6 MJ/kg
Bulk density 850 kg/m³
Energy density 23,460 MJ/m³



Net CV 17.0 MJ/kg
Bulk density 650 kg/m³
Energy density 11,115 MJ/m³

STORAGE



Open air stockpiles



Sheds



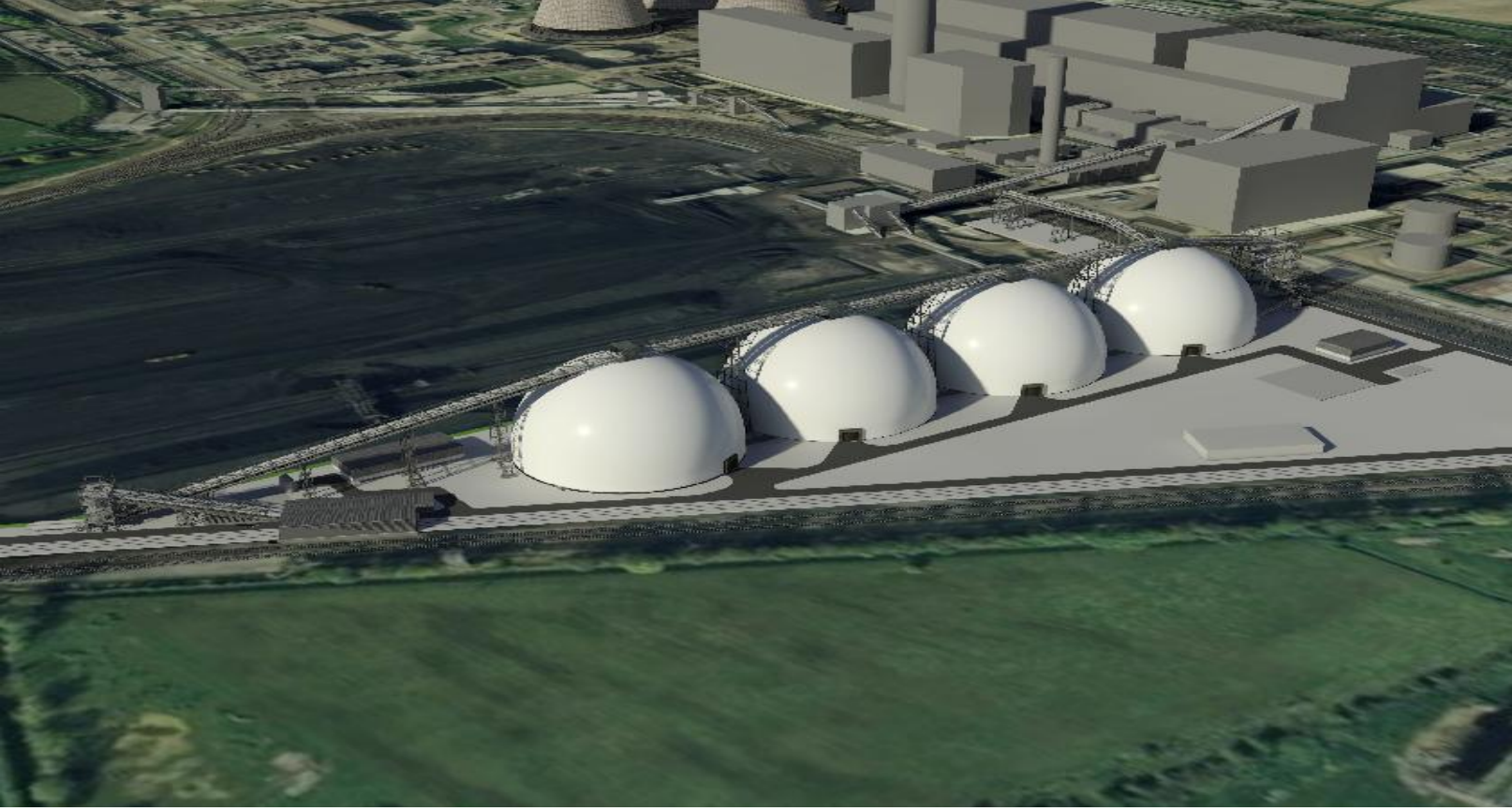
Silos



Dome Silos



STORAGE



STORAGE



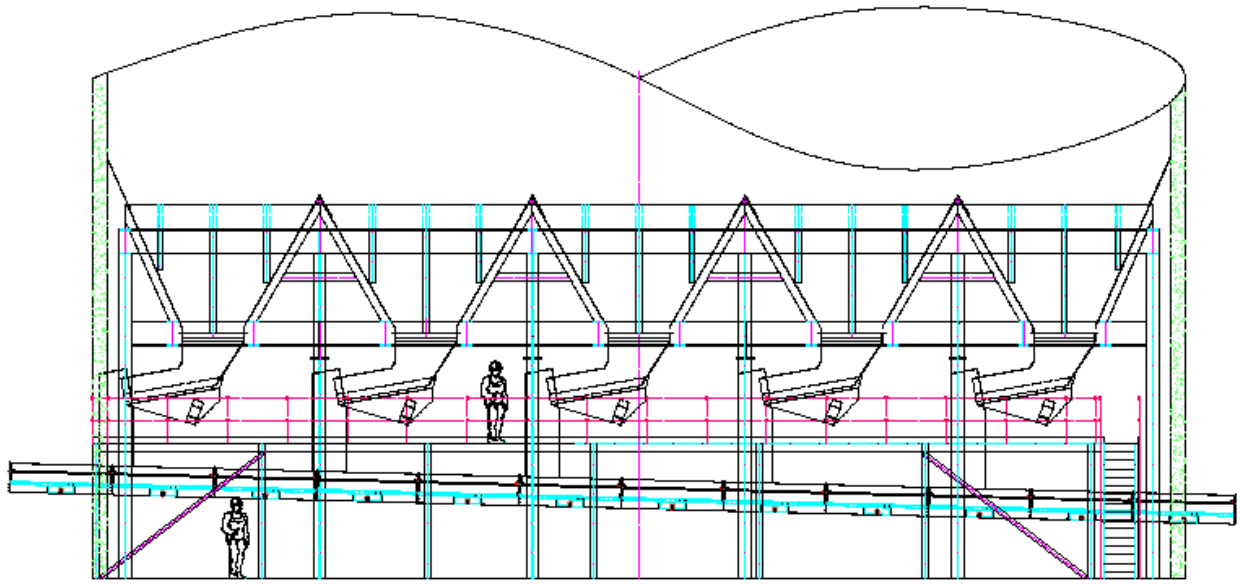
STORAGE



STORAGE



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CONVEYING



CONVEYING



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DE-DUSTING

Wood Pellet Dust

- Occupational Health & Safety
- Explosion
- Fire

But it's not all bad news!



DE-DUSTING



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Thank you for your attention.

Any questions ?

