

Online analytics

Innovative characterisation of fuels

Online analytics is used for real-time characterisation of fuels with regard to their constituents:

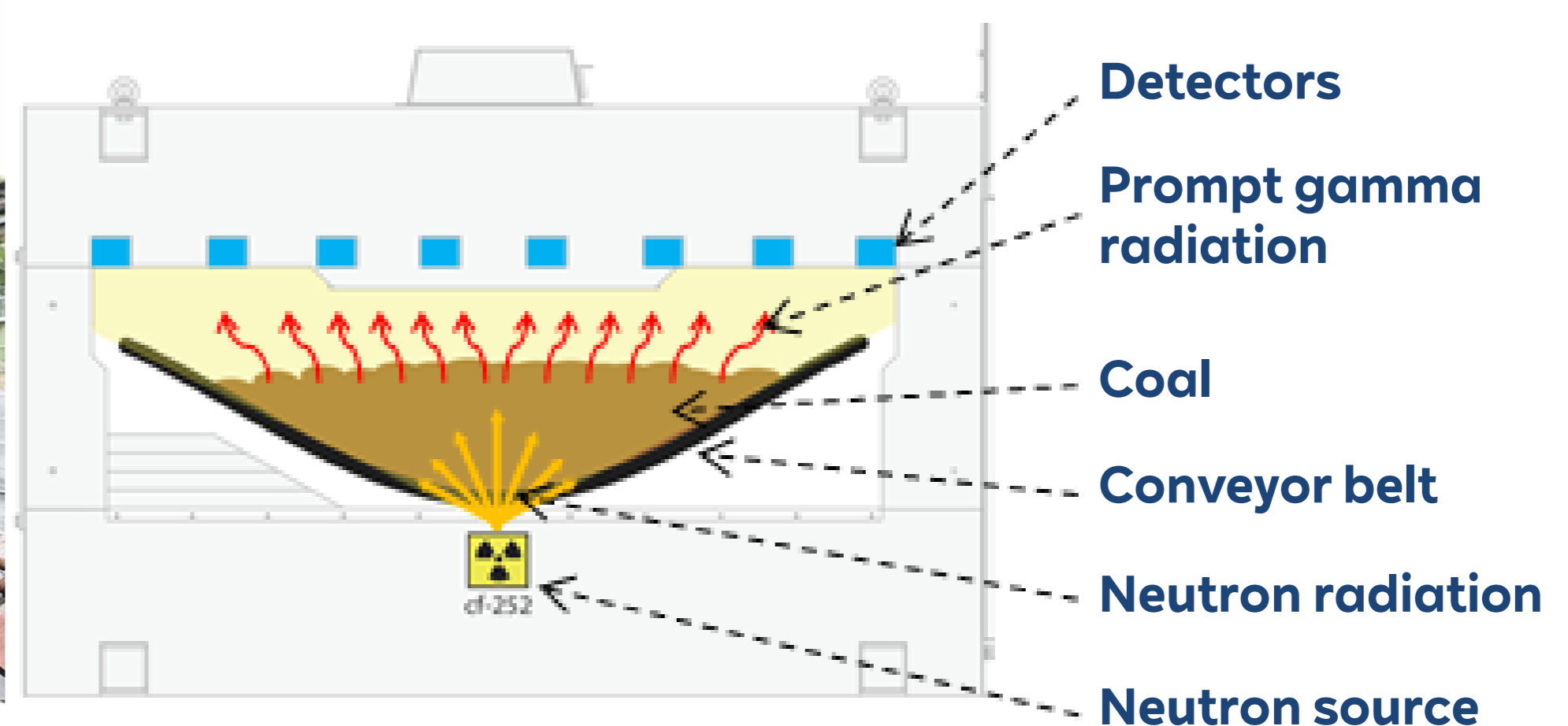
- Ash content
- Ash composition
- Water content

Online analysis plays a key role in the optimal supply of fuels to power plants.

Multi-element analysis in full flow online

Measurement method:

Prompt Gamma Neutron Activation Analysis

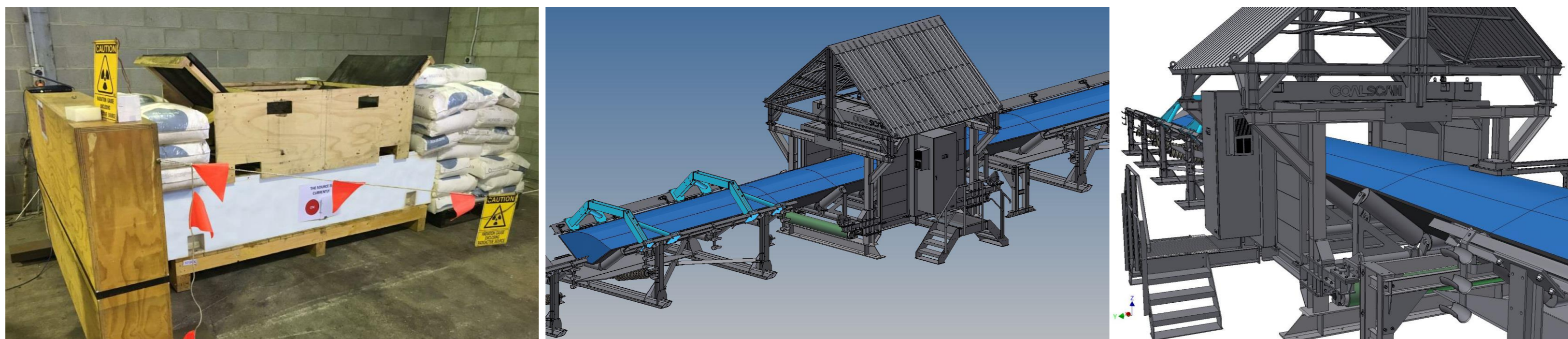


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The first innovative online analyser of this type for determining coal quality is being introduced into operation at the Inden opencast mine.

Preliminary investigations and construction



Assembly and commissioning



Calibration and commercial operation



Outlook

- Integration into opencast mine management systems
- Development of a bunker management system
- Use for official monitoring