



BMH TECHNOLOGY

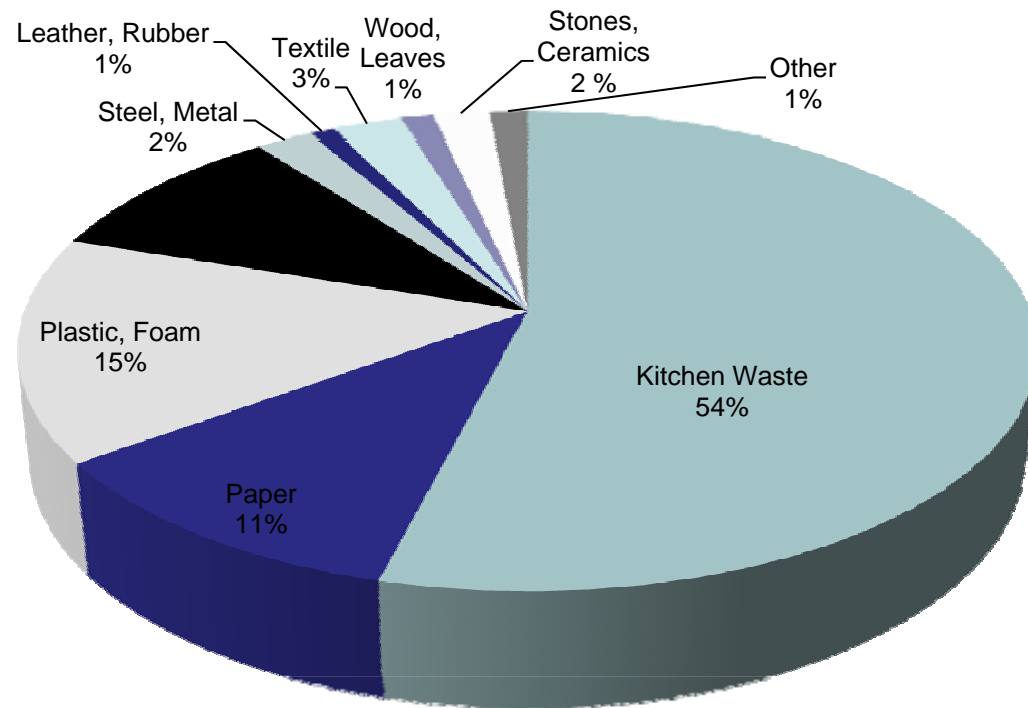


Advantages

- Offers Integrated System in modules
- Proven Technology
- Has experience in handling similar type of MSW, with high Moisture level
- Setting up a WORLD'S LARGEST MSW SEGREGATION PLANT at Bangkok, about 3000 tpd.
- Low Maintenance , Wear & Tear Cost
- On line Quality Control
- Excellent Service Back-up

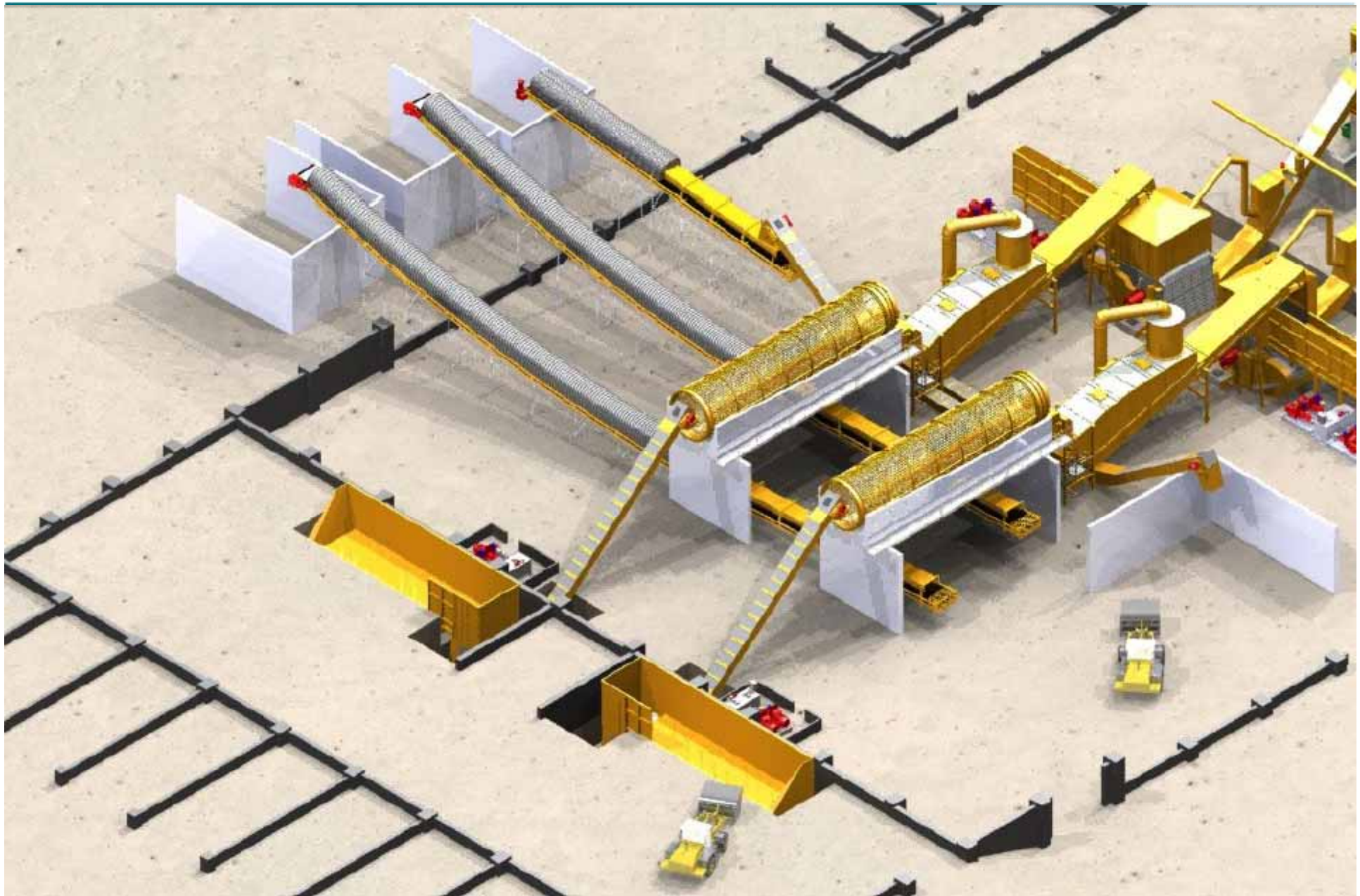
CHALLENGES: QUALITY OF RAW MATERIAL

- High organic content
- High moisture (55 – 65 %)
- Low SRF yield
- High amount of reject
- SRF quality
- Odour problem



Waste Composition in Bangkok

Pre-treatment of MSW, at Bangkok- 3000 tpd



SRF Production Lines - at Bangkok- 3000 tpd



Quality Control System

System to measure on-line:

- Calorific value
- Chlorine content
- Moisture content

Laboratory vs. on-line analysis:

- Time delay – On-line feedback
- Continuous efforts – Automatic system
- Uncertain result – Good representation

Target of QCS:

- Homogenous SRF flow to cement kiln through mixing silos
- Kiln conditions preparation
- Rejection of batches with high Cl content
- Using SRF in CFB (future plan)



Works in extreme weather conditions



TYRANNOSAURUS® Shredder 6605
installation and testing



Works in extreme weather conditions

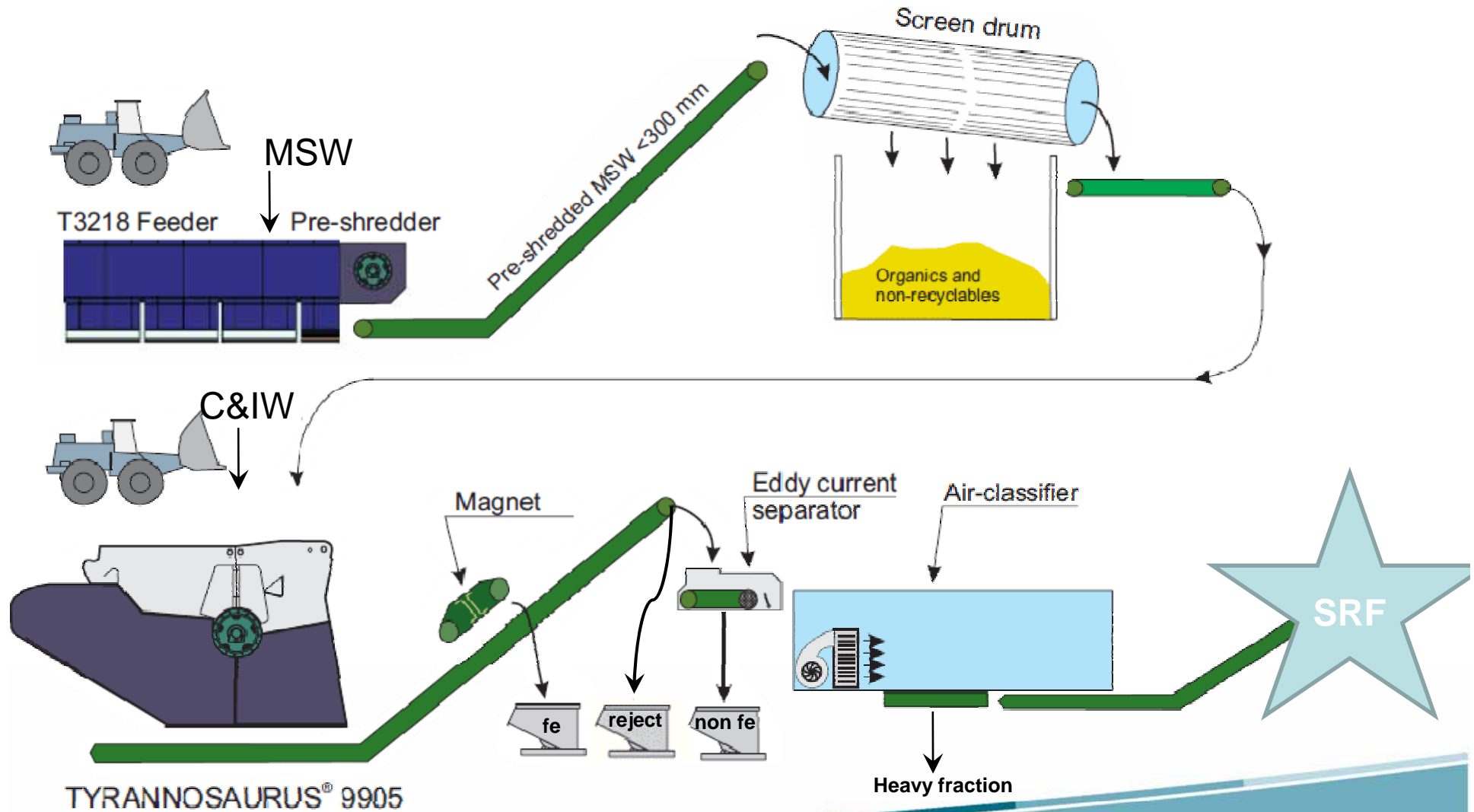


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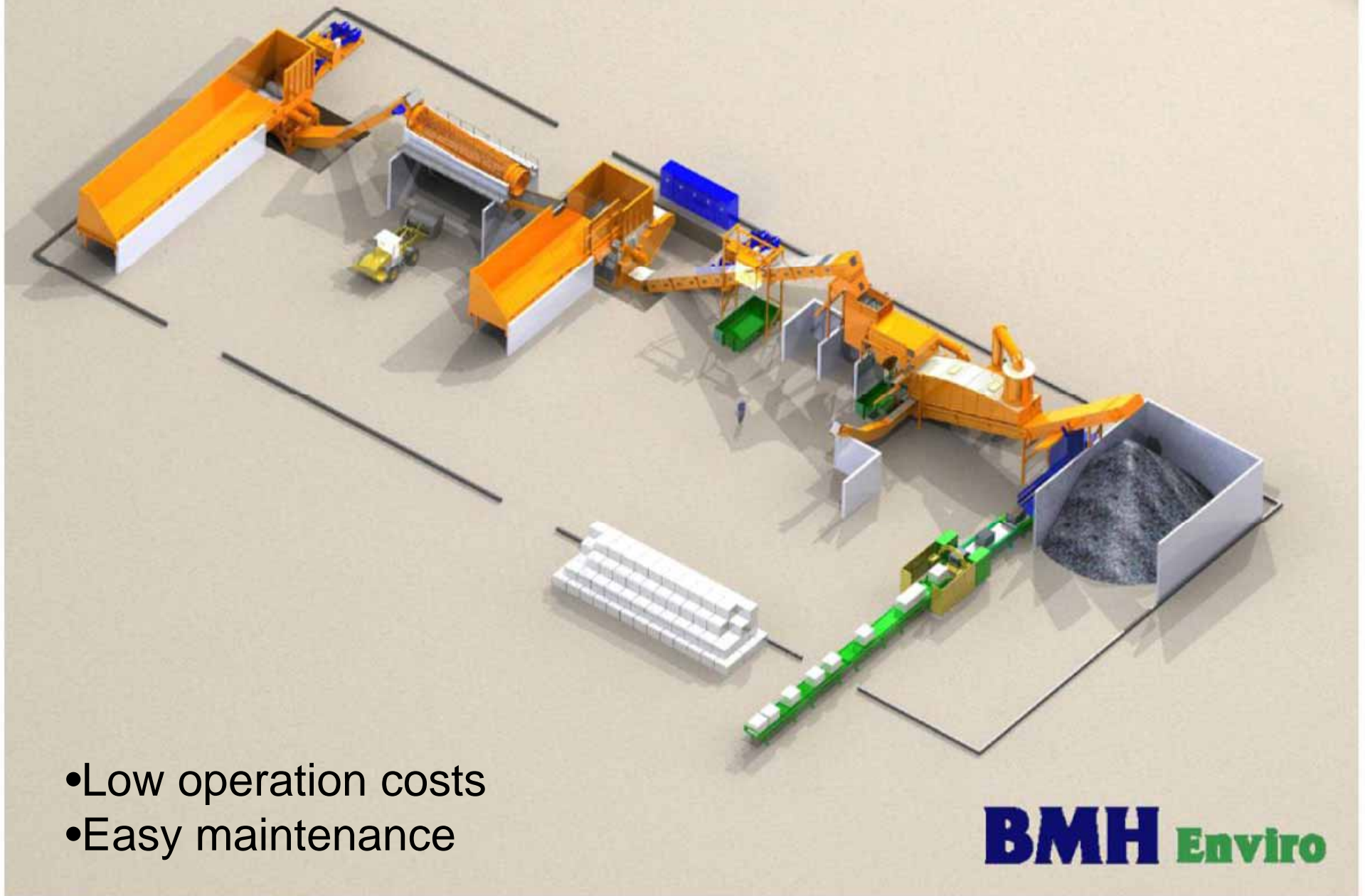


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The chosen TYRANNOSAURUS® process



1000 tpd with added pre sorting and energy cube system

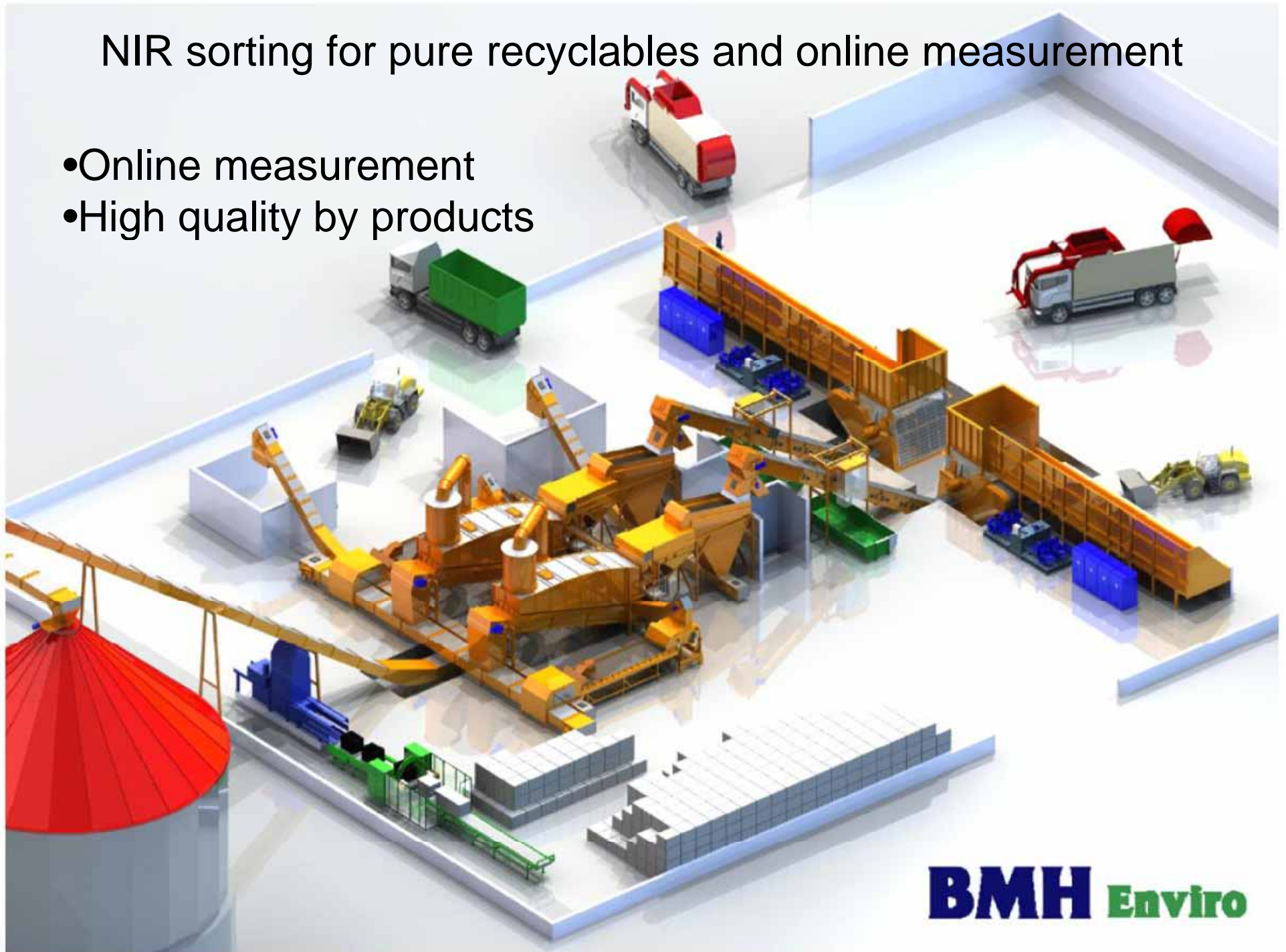


- Low operation costs
- Easy maintenance

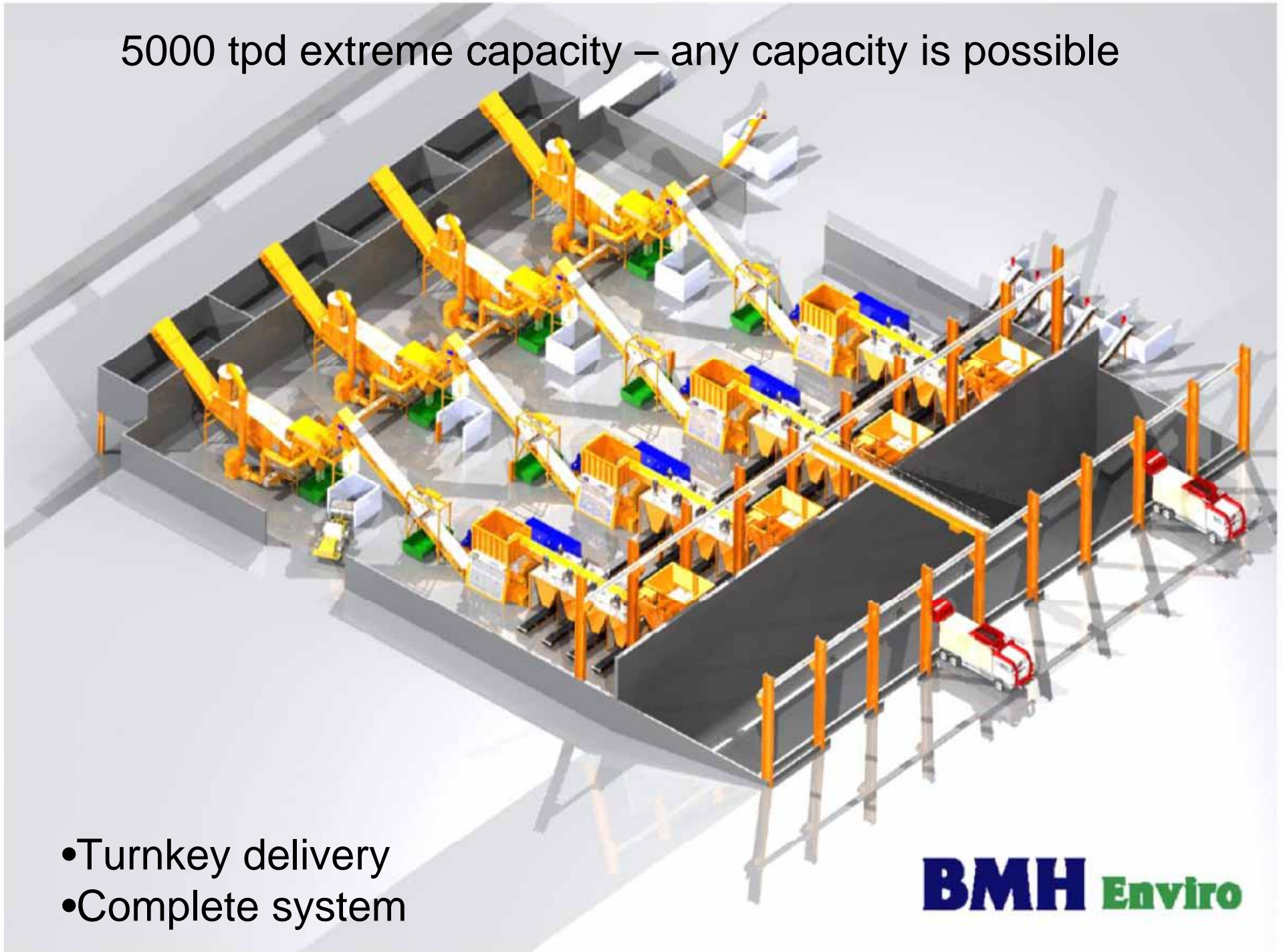
BMH Enviro

NIR sorting for pure recyclables and online measurement

- Online measurement
- High quality by products



5000 tpd extreme capacity – any capacity is possible



- Turnkey delivery
- Complete system

BMH Enviro

ISO 14001 and 9001 Certification

- ISO 14001 - Certified 2009
- ISO 9001 - to be certified in the autumn 2010



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