

Concept: Processing of mixed construction waste



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Sole authorized partner and
solution provider of:



Processing of mixed construction waste

Concept: Stationary Plant

Example input material

Assumption Material Composition:

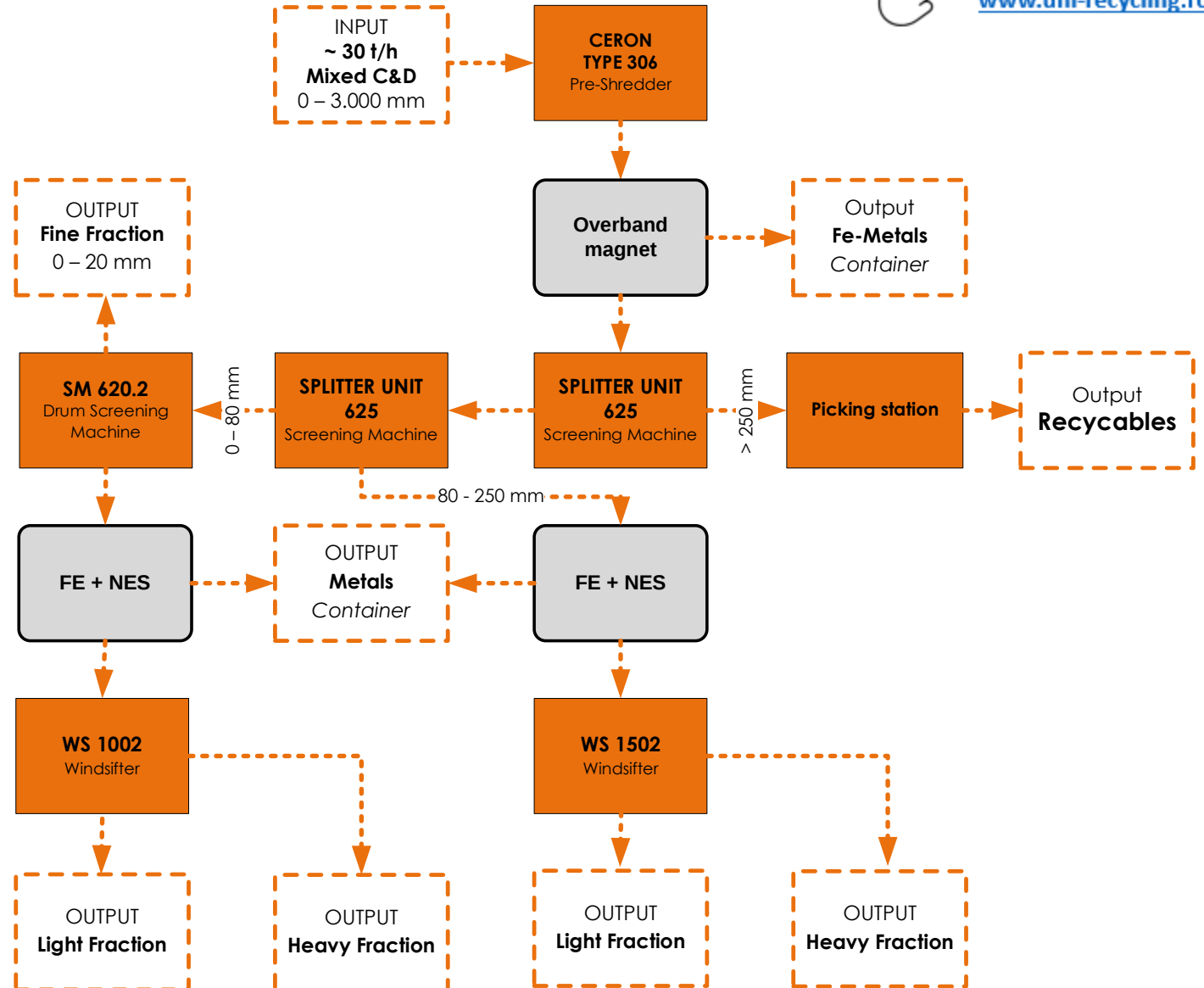
Fraction	Share in volume percent
Heavy:	~ 30 %
- mineral, stones	
- glass	
- other inert material	
Metalls:	~ 5 %
- FE + NE	
Lights:	~ 60 %
- waste wood	
- hard plastics etc.	
Lightweight materials:	~ 5 %
- foils	
- paper	



2

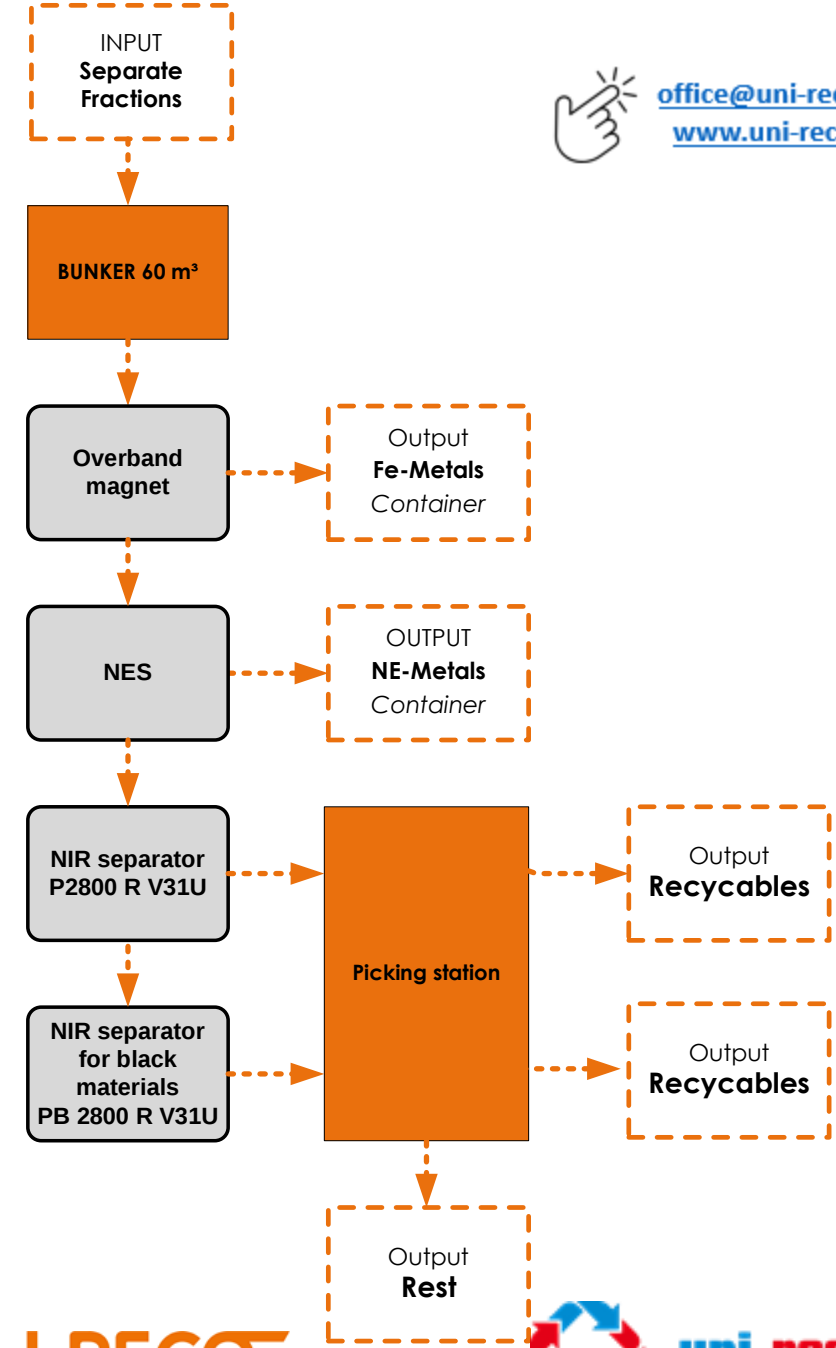
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Preparation Step 1: Pre-Sorting



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Preparation Step 2: Sorting Tower



Budgetary planning:

- **STEP 1: PRE-SORTING = approx. 3.3 mil. euro**

- **Equipment included:**

- ✓ Pre-Shredder
- ✓ Overband magnet after Pre-Shredder
- ✓ 2 x Splitter Unit
- ✓ Drum Screening machine
- ✓ Overband magnet + NE separator (for 80-250 mm fraction)
- ✓ Overband magnet + NE separator (for < 80 mm fraction)
- ✓ 2 x Windsifter

- **STEP 2: SORTING TOWER = approx. 1.7 mil. euro**

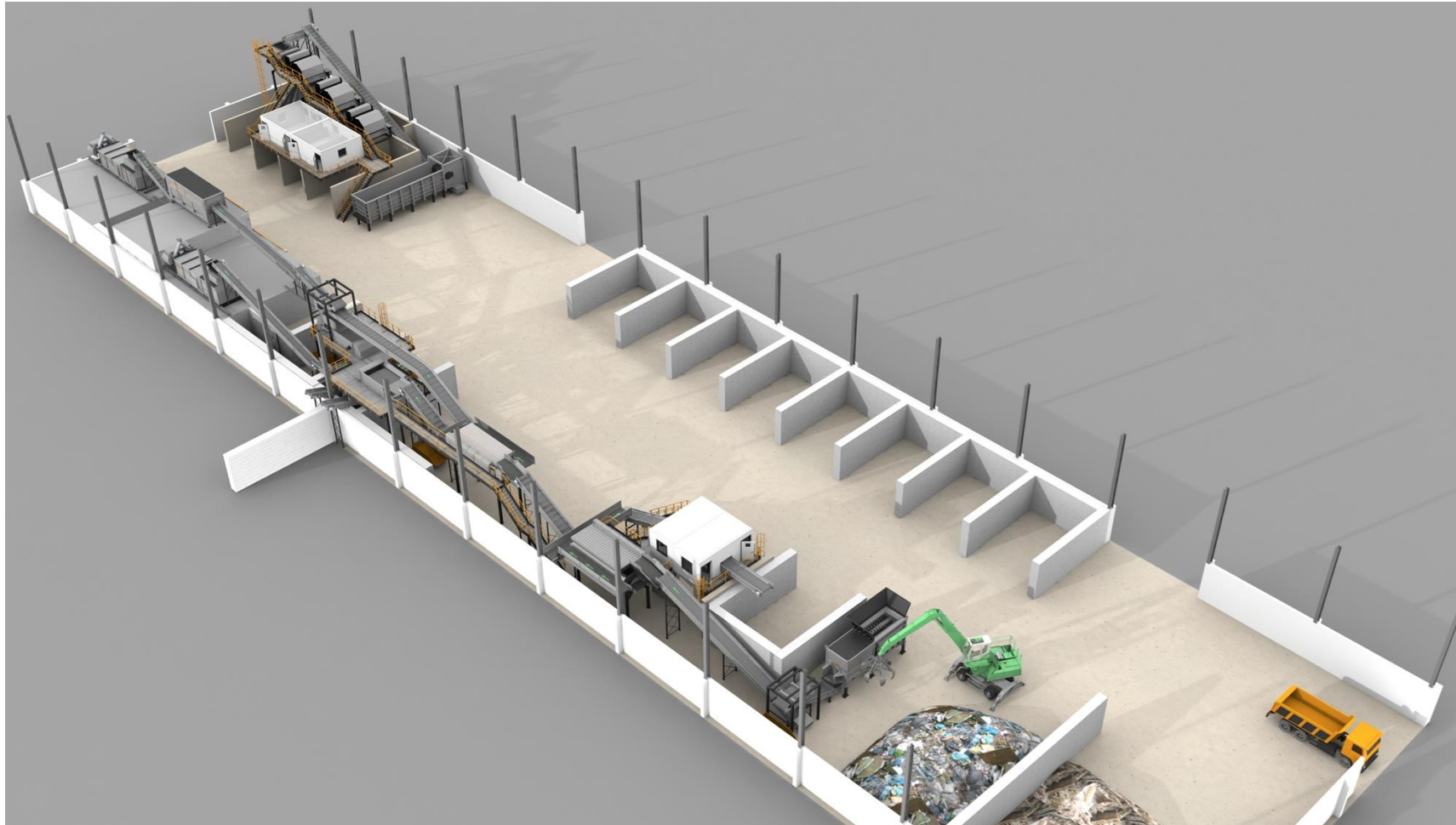
- **Equipment included:**

- ✓ Bunker 60 m³
- ✓ Overband magnet
- ✓ Non-ferrous separator
- ✓ NIR separator
- ✓ NIR separator for black materials

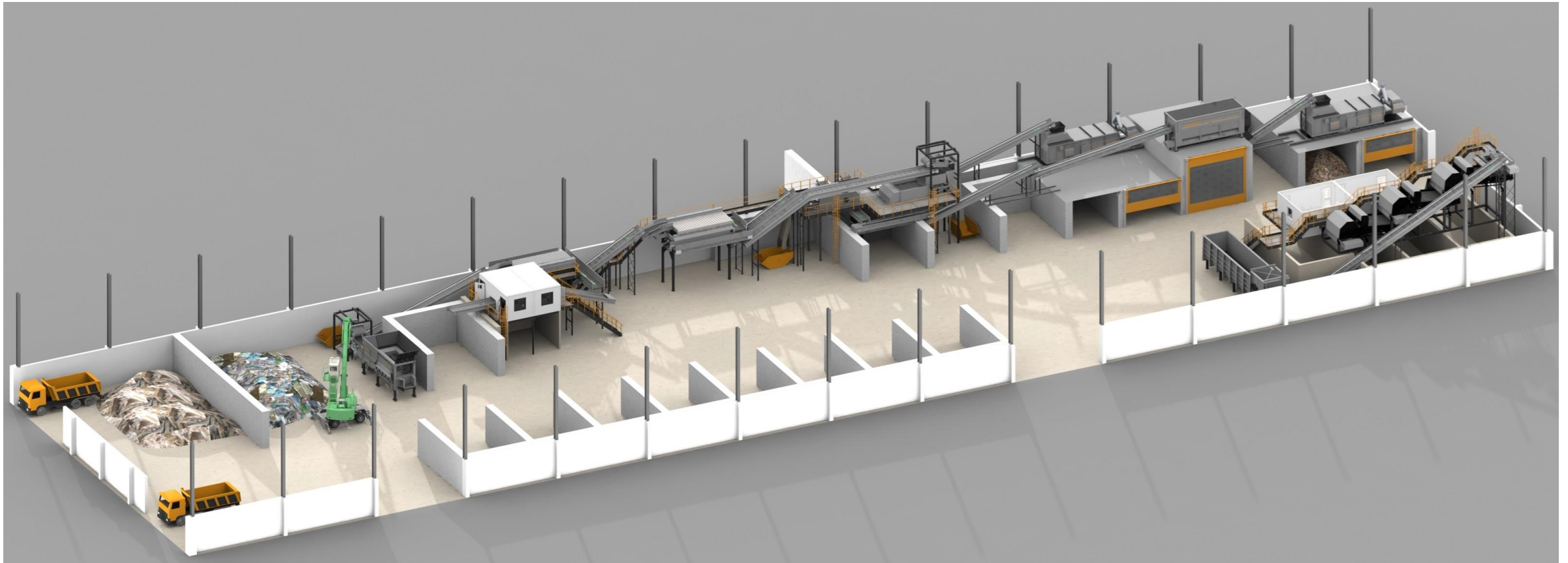
- **Total planned budget*: approx. 5 mil. euro**

**Note: Equipment ONLY. NOT including: any infrastructure / civil works, metal construction, frames, conveyors, picking station, containers, etc*

Example plant layout

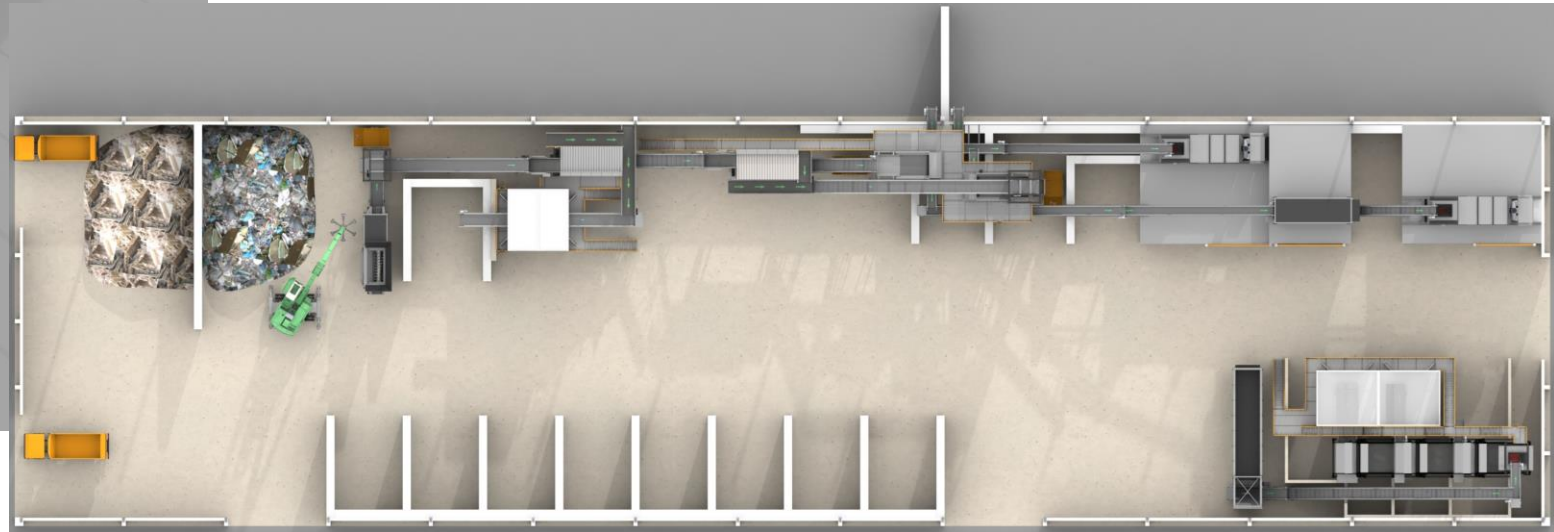


Example plant layout





Exemple plant layout



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