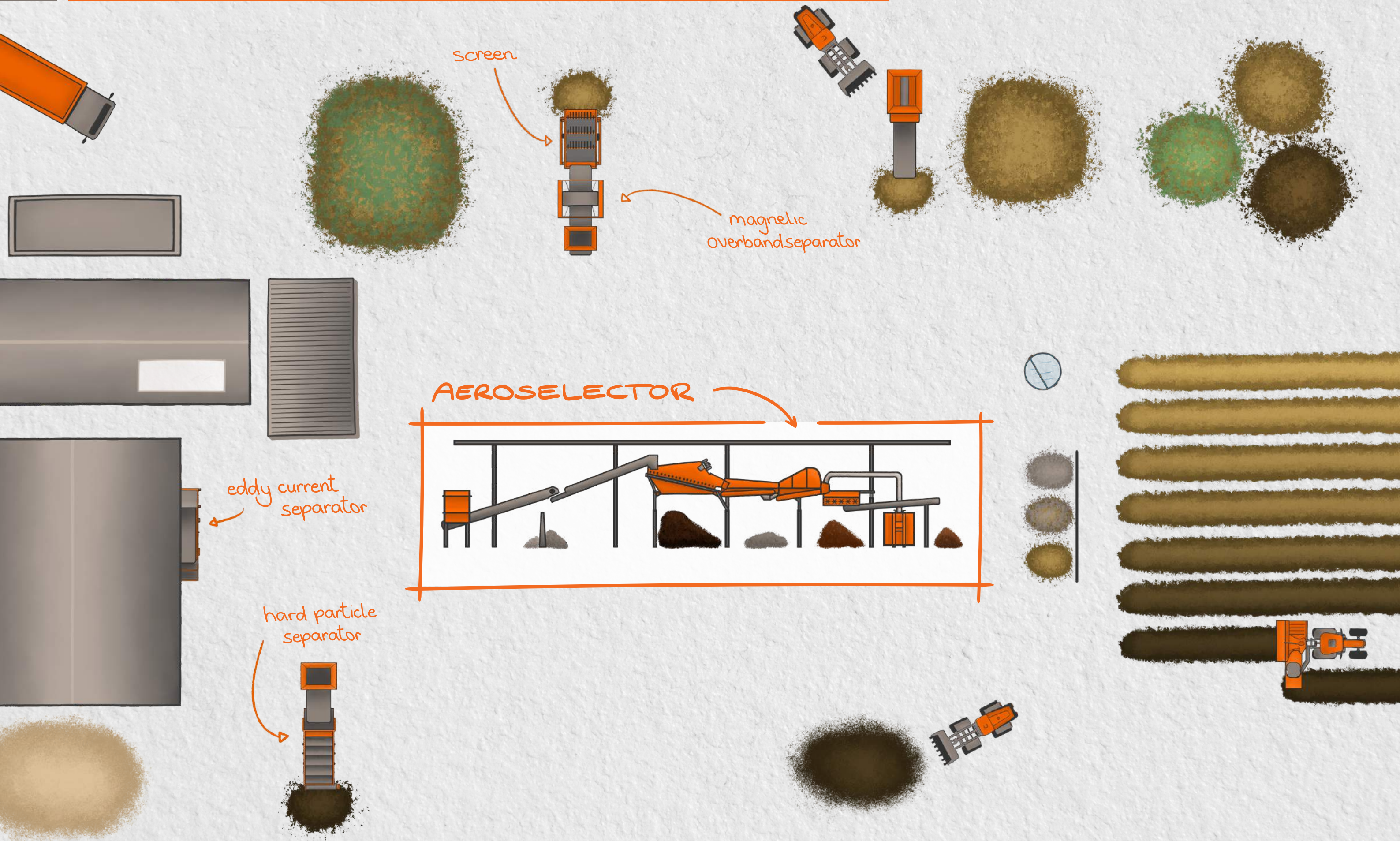


Compost Solutions from IFE

Including the new
AEROSELECTOR



COMPOST MATERIAL HANDLING TECHNOLOGY SINCE 1991



ORGANIC WASTE



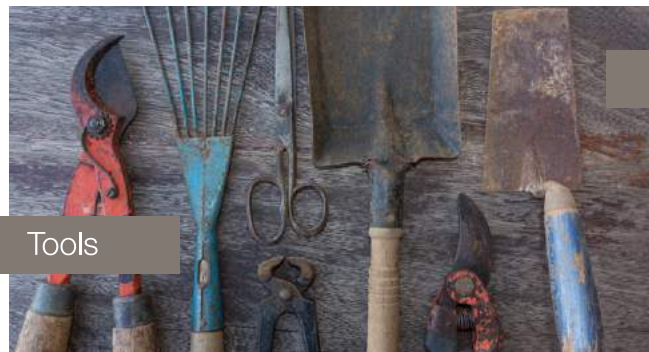
Plastic packaging



Plastic bags

Our solution: WASTE SCREEN

design type	single deck screen
nominal length	up to 8000 mm
nominal width	up to 3000 mm
driven	by IFE unbalanced shaft
special screen decks	in standardized sizes
cutpoints	20 to 400 mm
isolation frame	to minimize dynamic loads
screen cover	stationary



Tools

Iron



Nails

Our solution: ELECTROMAGNETIC OVERBAND SEPARATOR

arrangement	inline or crossbelt
protection class of magnet	IP65 acc. DIN 40050
inclusive rectifying unit	IP55 acc. DIN40050
available for ATEX	Zone 20, 21 and 22 incl. TÜV-certificate
for belt widths	from 650 to 2500 mm



CITRUS PEEL, GLASS



Glass fragments



Citrus fruit and peel



Our solution: HARD PARTICLE SEPARATOR

separation plates	arranged in cascades, individual adjustable inclination
amplitude of vibration	adjustable
nominal length	up to 3500 mm
nominal width	up to 3000 mm
machine	non-encapsulated

driven by unbalanced motors or by IFE exciter drive



NON-FERROUS METALS



Coffee capsules



Aluminum foil



Aluminum can

Our solution: EDDY CURRENT SEPARATOR

centric and eccentric system	
belt width	0,9 - 4 m/s
nominal width	500 - 3000 mm



IMPURITIES IN COMPOST

Our solution:

AEROSELECTOR

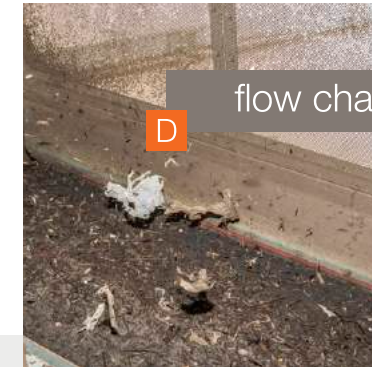
magnetic drum separator /
magnetic overbandseparator



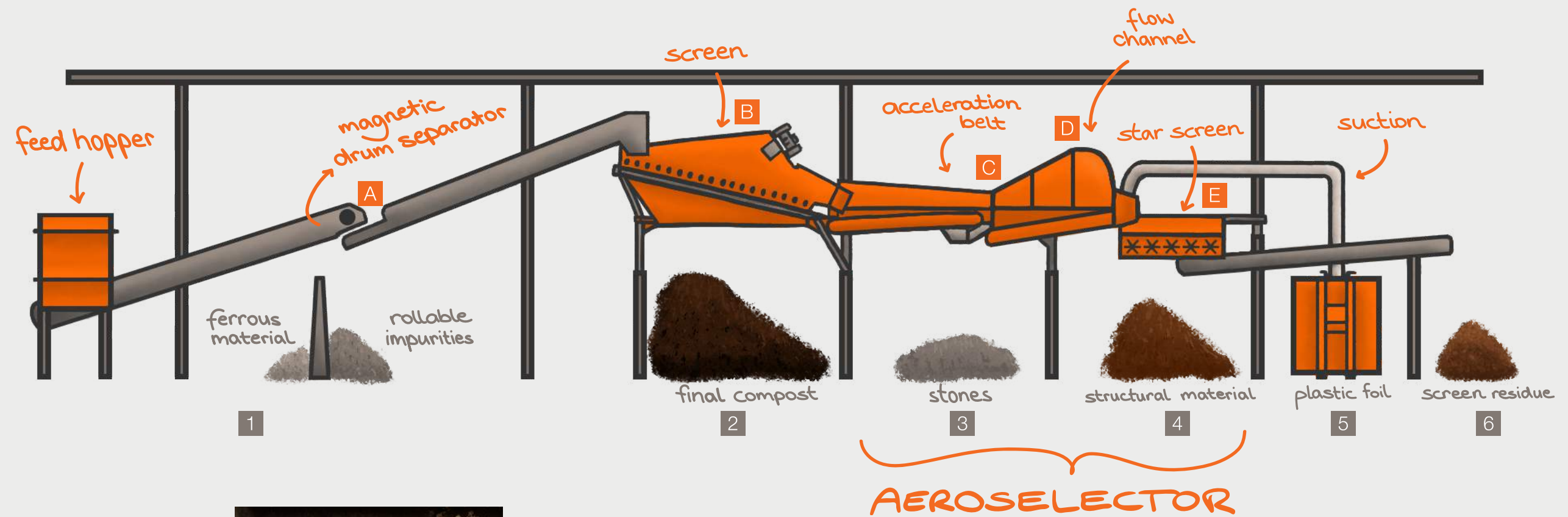
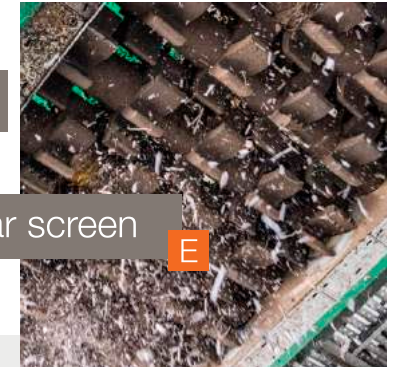
acceleration belt



flow channel



star screen



ferrous material

1



final compost

2



stones

3



structural material

4



plastic foil

5



screen residue

6





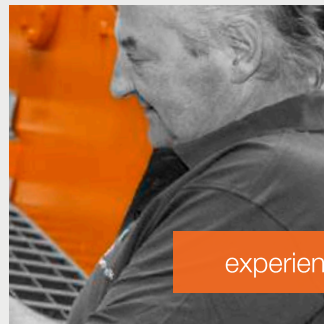
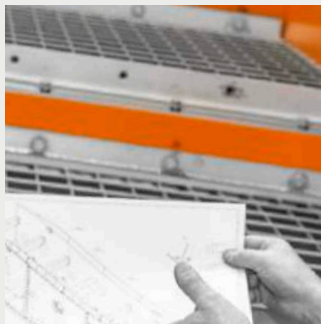
committed



IFE
Material Handling



competent



experienced



partnership

THE ORANGE WAY INTO THE FUTURE

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