The RDF process

FCC Environment
Service for the Future

Waste of high calorific value (plastics, textile, cardboard...)

Municipal Solid Waste (MSW)

Shredder

Magnet

Screen

Fe – Metal

<80 mm Mesh Minus

Biological Waste Treatment

>80 mm Screen Overflow
Further treatment depending on demand
(e.g.: Wind shifter, Optical sorter, Shredder, Balistic separator...)

RDF

Heating Plant

Cement Plant

Incineration
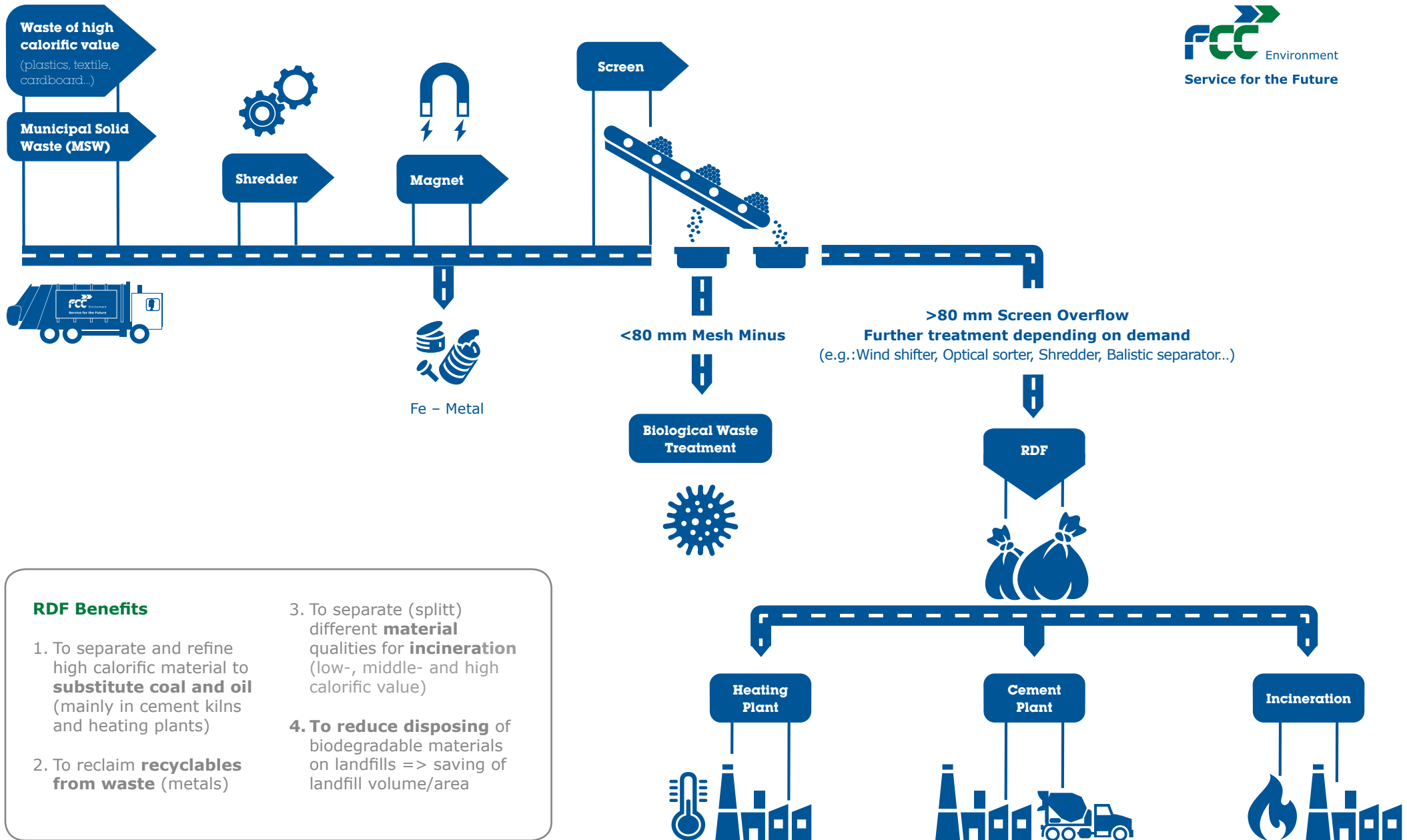
RDF Benefits

1. To separate and refine high calorific material to **substitute coal and oil** (mainly in cement kilns and heating plants)

2. To reclaim **recyclables from waste** (metals)

3. To separate (splitt) different **material** qualities for **incineration** (low-, middle- and high calorific value)

4. **To reduce disposing** of biodegradable materials on landfills => saving of landfill volume/area