

Results Summary

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Plastics Sector

Manager

Collection

- Crucial.
- Few Authorities do it deliberately.
 - Little information available.
- Indication that collection can be done cost effectively.
- Undertaking significant engagement activities with Local Authorities.
 - Learn.
 - Disseminate.

Reprocessing Technology

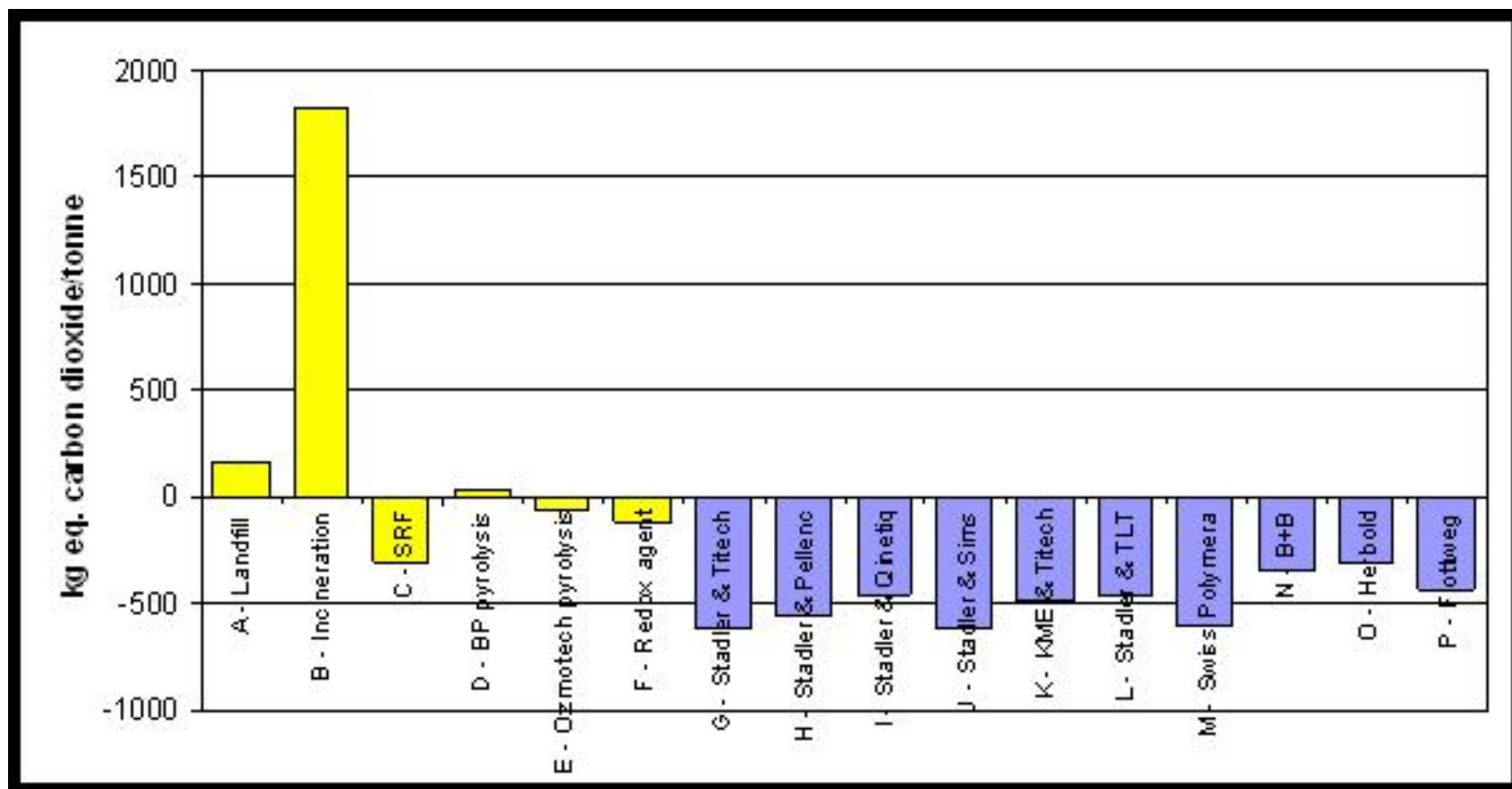
- Mixed plastics recycling is technically feasible.
 - Integrated solutions look best.
- Can produce high-quality, high-value outputs from major polymer fractions.
 - Polymer rationalisation would help.

Reprocessing Economics

- 40,000t/a mixed plastics plant looks economically viable.
- More detailed modelling will be required.
- Data suggests the plant won't need a gate fee and may be able to pay for mixed plastics feedstock.

LCA Conclusions

Net Global Warming Potential



Environmental Impact

- We should recycle as much mixed plastics as possible.
- We should use the rest in SRF type applications.
- Mixed plastics should not be incinerated with typical English incinerator efficiencies.
- Must displace virgin plastics with majority of the output of the plant.

Is it Really Going to Happen?

