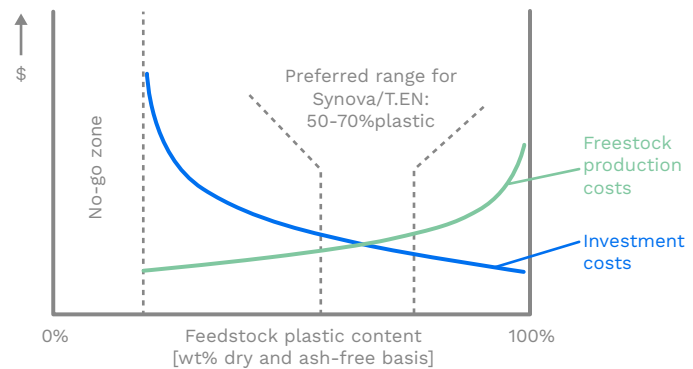


Innovatively Cracking Plastic Waste for Crackers

Key technology benefits

- A one-step conversion, by-passing cracker furnaces, gives an attractive carbon footprint
- Integration in any kinds of crackers, gas and liquids
- A plastic waste-based feedstock that can add olefins capacity for “true” circularity
- Lower plastic content feedstock means lower sourcing costs, with more availability
- Less attrition from the sorting systems when compared to highly sorted plastic waste. This means more plastic is diverted from landfill or incineration for an improved circularity.
- Enables best in class plastic to plastic yields across the value chain.

Typical feedstock plastic



The technology can treat a broad range of low-sorted mixed waste material with an optimal range of 50-70% wt plastics in the feedstock. There is no need to remove paper, food and textiles, which means a higher feedstock availability and a lower cost.

Technip Energies/Synova schematic

