

YOUR IDEAL PARTNER FOR SECURING AN ALTERNATIVE FUEL SUPPLY CHAIN



ResourceCo Asia is the Asia arm of the ResourceCo Group, which is a leading waste management and recycling organisation in Australia. ResourceCo Asia focuses on sourcing, processing and supply of alternative fuel.

PROCESSED ENGINEERED FUEL

Facing the increased pressure of environmental regulation, cement manufacturers are seeking ways to enhance their green credentials while cutting costs. With this in mind, more cement manufacturers are turning to Alternative Fuel (AF). However, securing a consistent AF supply chain has proven to be a challenge.

ResourceCo is an innovator in the field of Alternative Fuels and, by working in partnership with your company, can provide the AF supply chain solutions that will help your business grow. ResourceCo's Processed Engineered Fuel (PEF) is a primarily plastic-based material with high calorific value derived from waste stream feedstocks such as Construction and Demolition (C&D) waste, Commercial and Industrial (C&I) waste and pre-processed Municipal Solid Waste (MSW).

With more than 15 years of research and development, ResourceCo leads the way in alternative fuel production, delivering PEF as a standardized and consistent product derived from varied waste streams.

ResourceCo's expertise covers the full PEF supply chain, including feedstock sourcing, pre-processing, process design, plant design, operation and maintenance, quality control, logistics, and the delivery of product.





BENEFITS OF USING PEF

Using PEF will bring the following benefits to the cement manufacturer:

- Improved fuel supply security by using diversified sources of energy
- Cost saving by replacing fossil fuel with PEF
- Improvement of corporate profile via CSR enhancement
- Carbon emission abatement

TYPICAL SPECIFICATION OF PEF

ResourceCo PEF production process can be fine-tuned to comply with different customer requirements. The required specification may vary according to different kiln design and waste streams utilised.

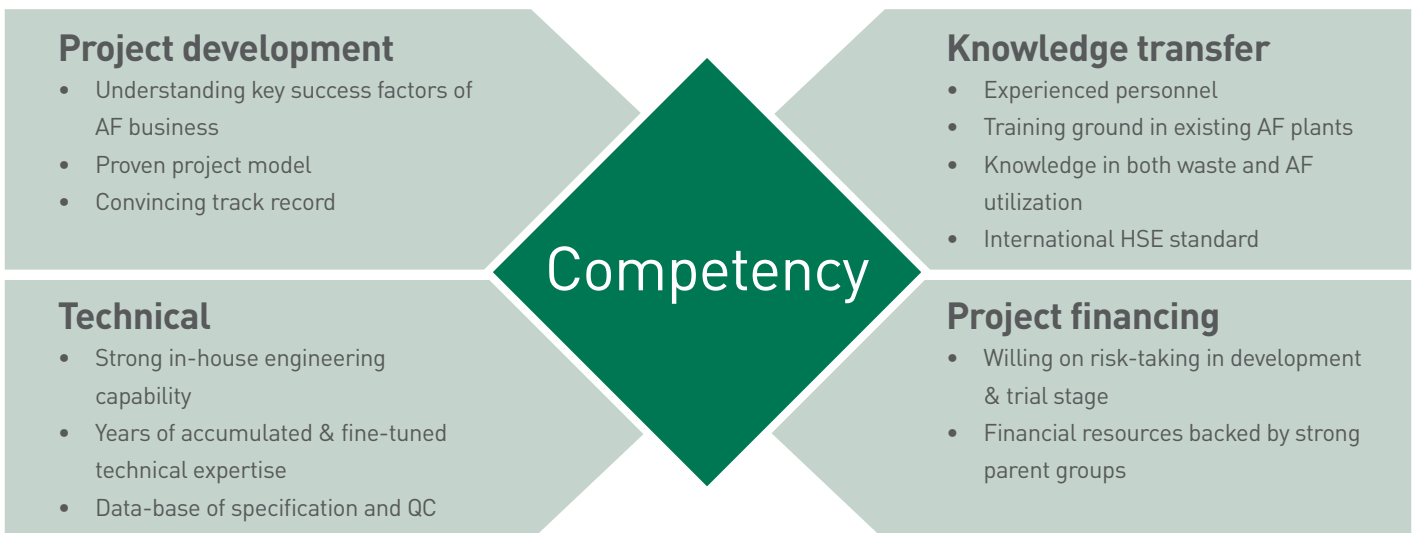
Parameter	Value
Gross Calorific Value (air dried)	≥ 24 MJ/kg
Total Moisture Content	Approx. 20~25%
Ash Content	≤ 15%
Nominal Particle Size	35 mm
Inert material	≤ 2%
Total Sulphur	≤ 3%
Total Chlorine	≤ 1%
PCB	≤ 20 ppm
Hg	≤ 10 ppm
Other trace elements	Comply to requirements



RESOURCECO CAPABILITY

ResourceCo currently operates in two countries and produces approx. 130,000MT/year of PEF for its customers.

Leveraging on our competency leads to maximized return.



PARTNERSHIP

ResourceCo values development through partnership from the project initialization stage to long term product supply.

Partnership in Project Development



ResourceCo Asia (with/without local partner)

- Conduct feasibility study
- Source feed stock
- Design, procurement and commission of plant
- Organise production and delivery
- Finance development cost

Cement Company

- Conduct technical evaluation of PEF utilization
- Modify feeding system if necessary
- Conduct trial of PEF in kiln
- Product offtake during development



Partnership in Full Commercial Operation

- Long term supply and offtake agreement
- Business may be solely invested by ResourceCo Asia, or joint venture with local partner, or joint venture with cement company
- Commercial arrangement for long term win-win situation with cement company