



Building a recycling industry in regional Indonesia

Building community, tackling waste, delivering world-best quality standards.

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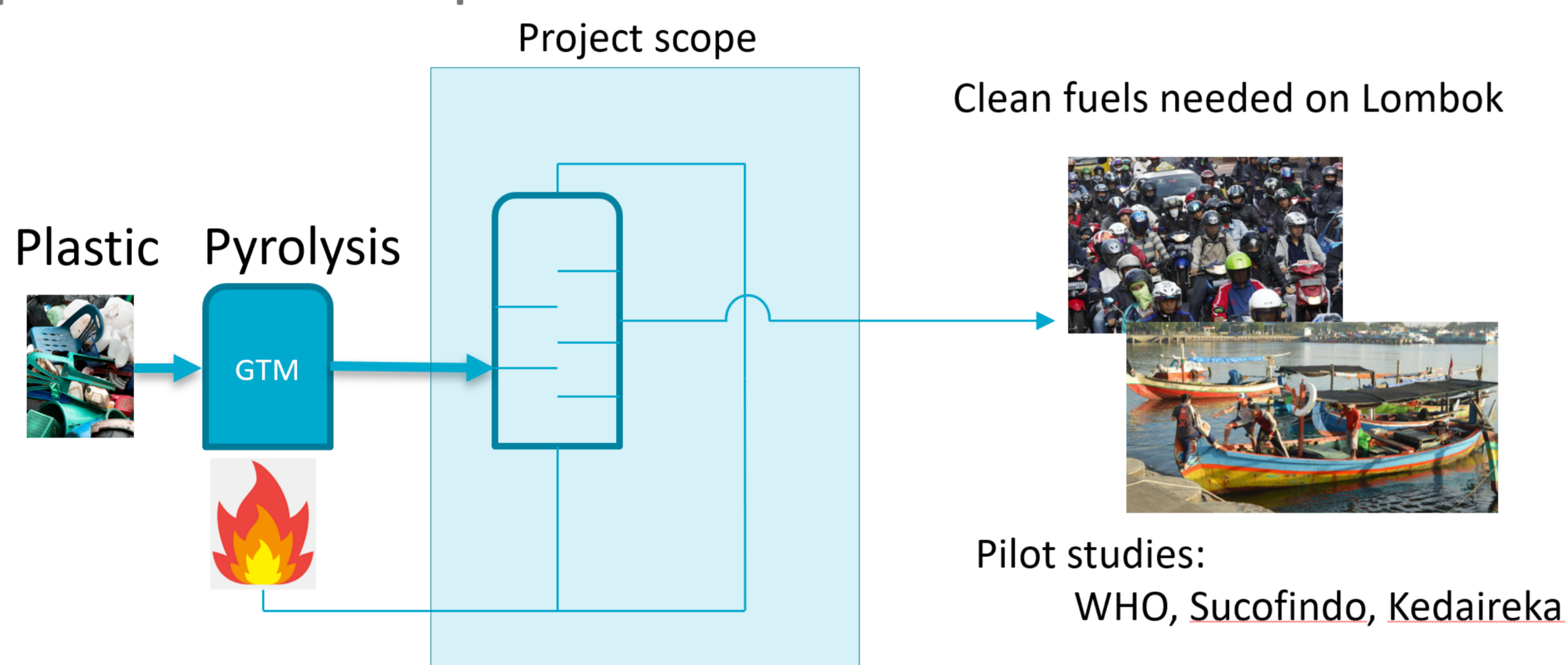
The Indonesian business PT-GTM works with plastic collection networks to find valuable uses for 'unrecyclable' plastic. CSIRO, PT-GTM and Australian engineering firm PROCOM are developing fuel purification systems for GTM's recycling operations.



IPPIN

Indo-Pacific Plastics Innovation Network

GTM turn collected plastic into synthetic oil.
A purification step was needed to create fuels



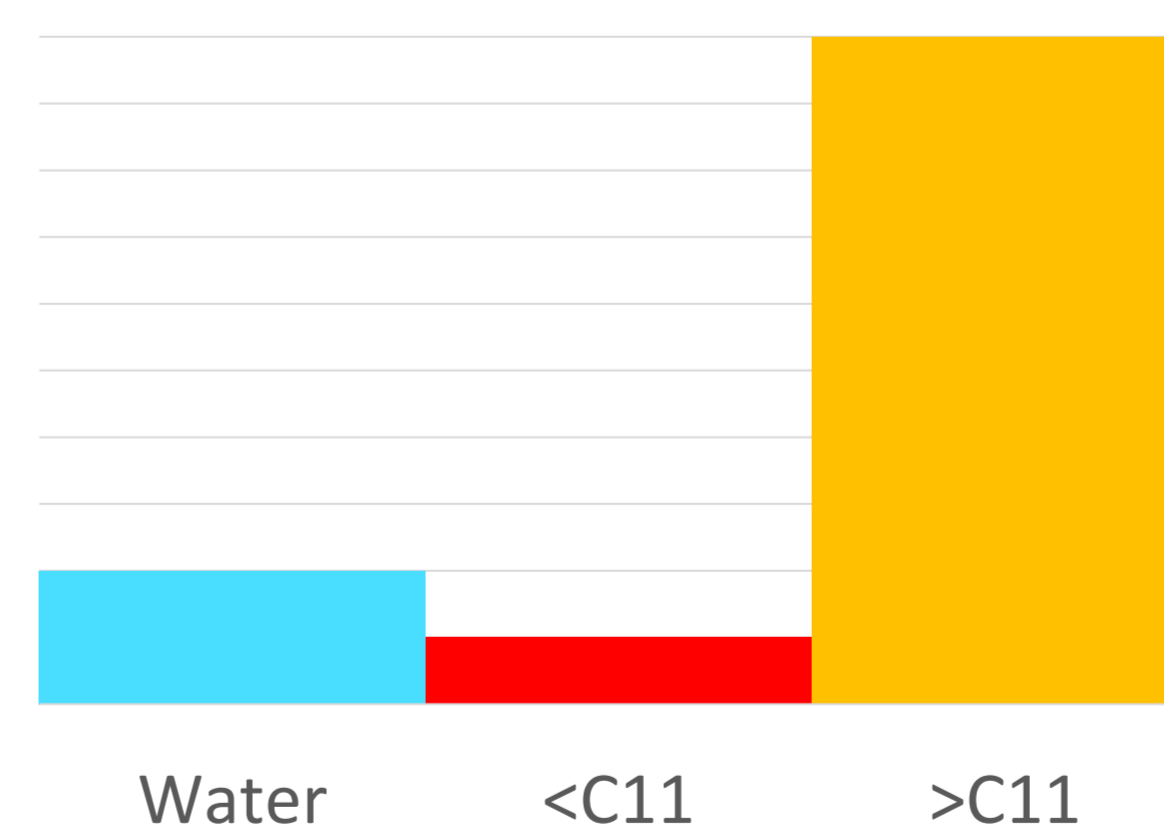
- CSIRO provides business mentorship and scientific consulting
- GTM developed design, built and operates plant
- PROCOM provided process analysis and conceptual options

New compact purification technology in front of original plastic-to-oil kiln.



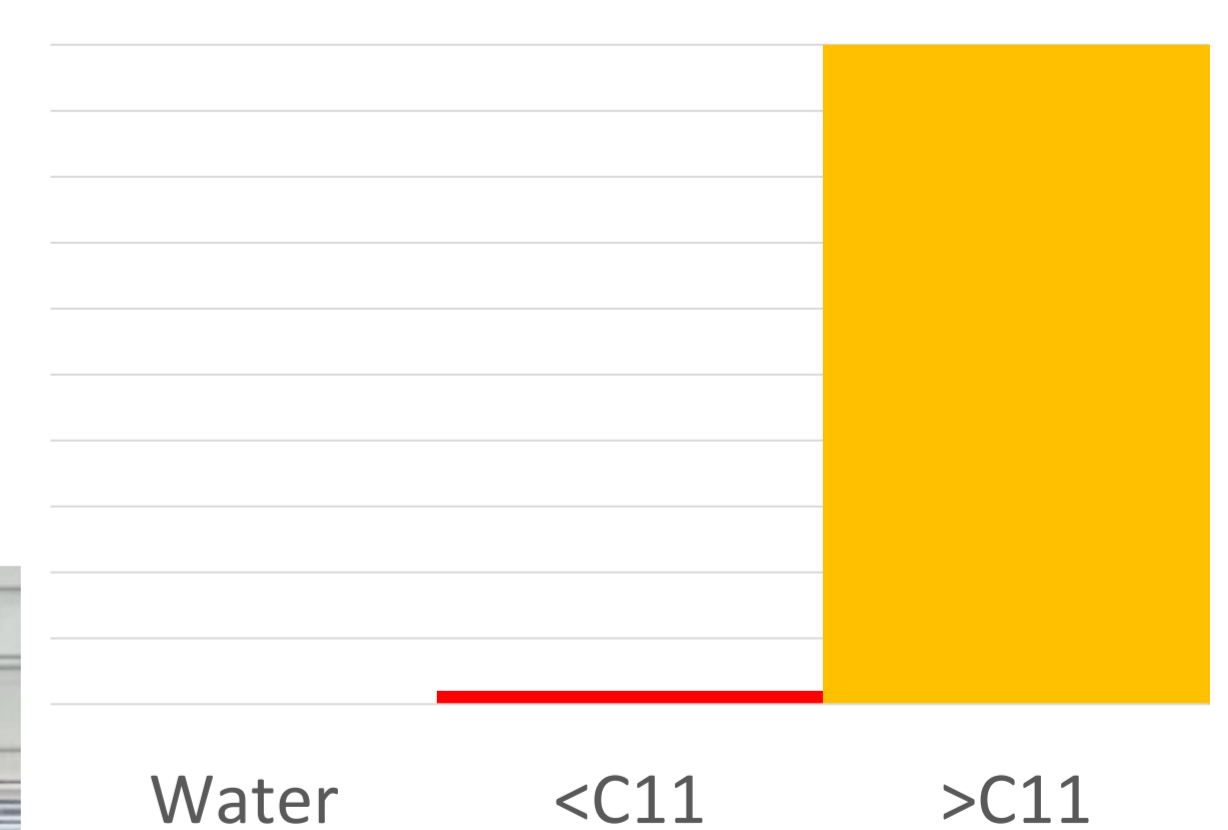
Crude pyrolysis oil:

- Wet
- Low flash-point



Refined pyrolysis oil:

- Dry
- Suitable as fuel



Low-energy/low cost vacuum dry-defuel system:

- Manufactured in GTM's Lombok factory.
- Products used as fuel or sent for upgrading and export to make new plastics.

FOR FURTHER INFORMATION

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