



altimeco

recycling
technologies

Total Oil Recovery™

from scrap rubber

AltimEco Recycling Technologies AB

Ingemarsgatan 4
S-113 54 Stockholm

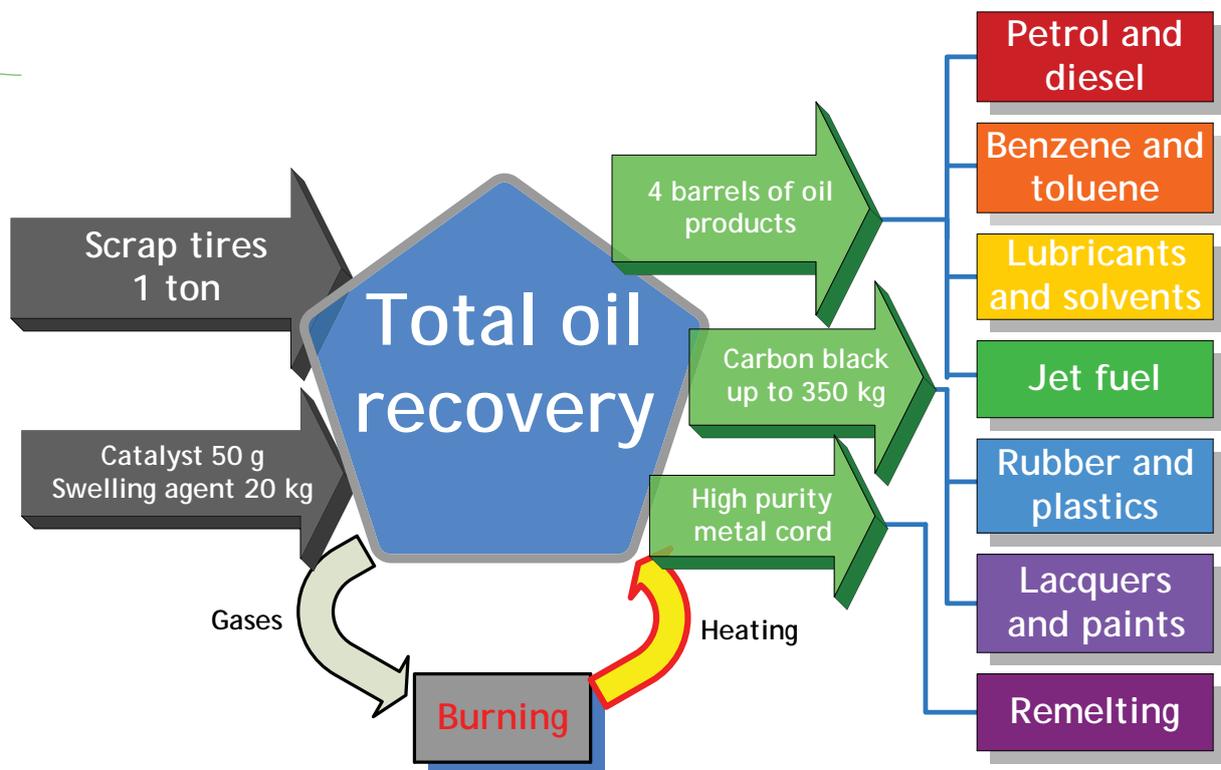
phone: +46 709 183878
fax: +46 8 5009 4617

info@altimeco-rt.com
www.altimeco-rt.com

AltimEco's **Total Oil Recovery™** process transforms one ton of scrap rubber with 98 % material recovery into:

- 4 barrels of high-quality oil, with a composition similar to that of the Merlim brand and a high content of diesel and jet fuel fractions,
- 350 kg of ultrafine carbon powder (series 300-500),
- 120 kg of high-purity steel cord.

The Total Oil Recovery™ technology can be used for processing whole, cut or shredded tires and other hydrocarbon-containing waste.



The technology is based on the use of AltimEco's patented¹ catalyst and a unique pre-processing method.

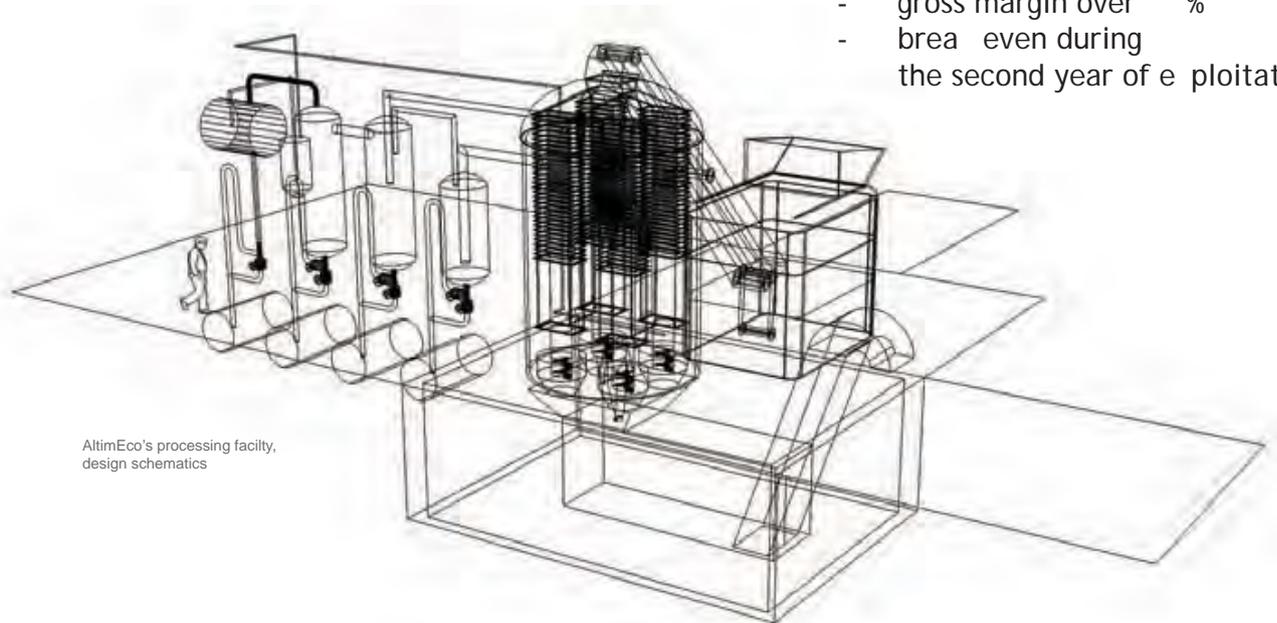
AltimEco's catalyst facilitates the formation of valuable oil products. The catalyst lowers the temperature and shortens the time of the process, which prevents harmful emissions, in particular sulphur-containing pollutant.

¹ patent Ukraine № 45442, Russia № 2211086, USA № US 6,743,746 B1, Australia № 776399, China № ZL 99816876.9, Indonesia № ID0013772, Poland № P 354201, EU № 1238770, Canada № 2 383 018, Brasil PI9917472-3 and Japan 2000-569976.

AltimEco offers

or customers wishing to start a processing business

An optimised facility for the continuous processing of rubber-containing waste with the **Total Oil Recovery™** technology.



AltimEco's processing facility, design schematics

- gross margin over 30%
- breakeven during the second year of exploitation

- capacity 100,000 thousand tons of raw material per year
- a compact vertical modular design with the footprint of 10 m x 10 m
- easily expandable capacity thanks to the modular design
- the end products are diesel, raw material for jet fuel, lubricants, carbon powder of series 1000 - 1500, and metal cord

AltimEco's innovation allows the total recovery of the tires' material and offers an alternative source of valuable energy resources through a highly environment-friendly process.

or customers already having a pyrolytic facility

AltimEco's oil-recovery pre-processing and the patented catalyst can be implemented at any type of pyrolysis plant. Implementation of AltimEco's technology in an already existing plant would intensify the process, maximize the output and improve the quality of the end products.