



Eco slops

THE CLEANTECH THAT BRINGS OIL INTO CIRCULAR ECONOMY

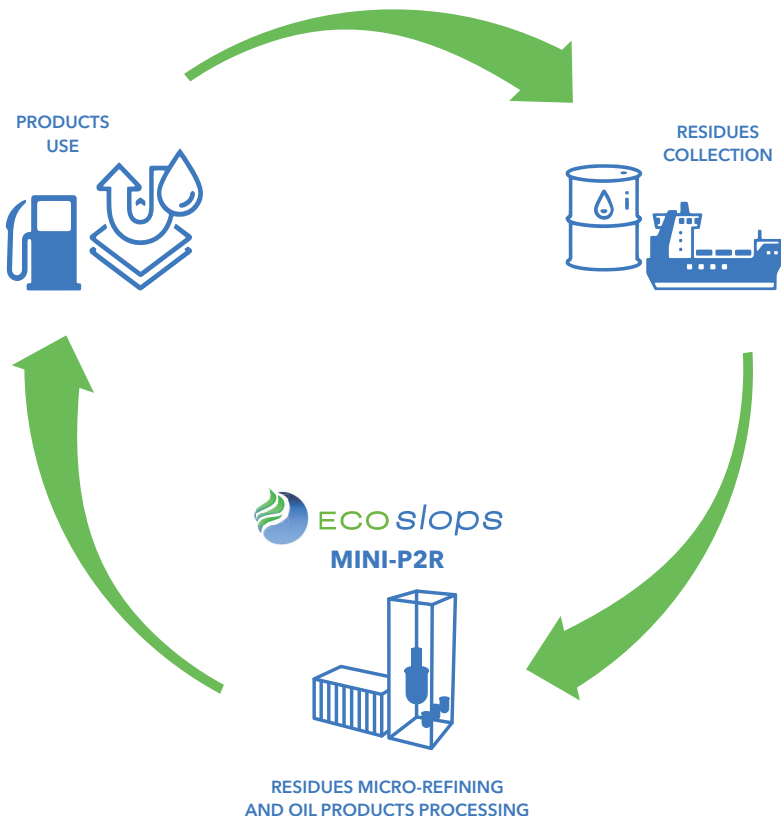
MINI-P2R



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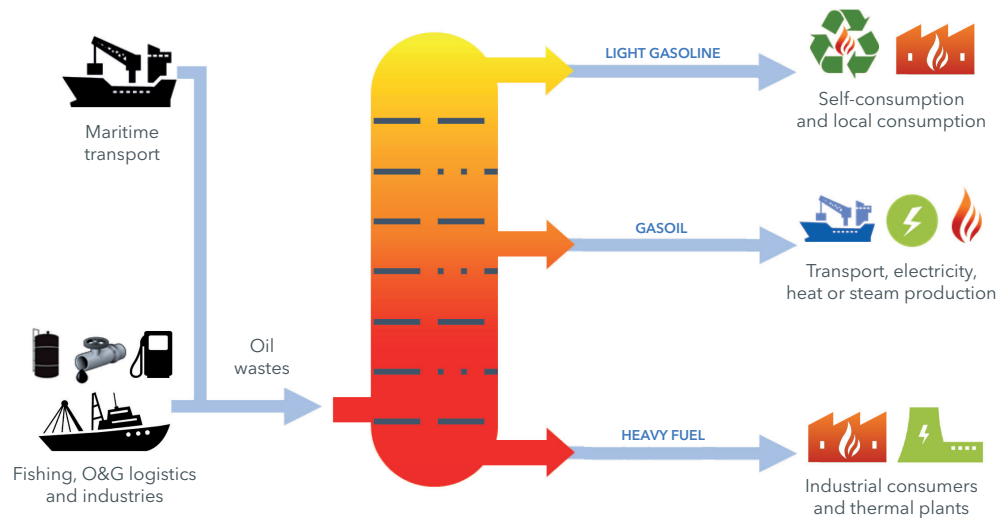
The **MINI-P2R** is a compact micro-refining unit which regenerates oil wastes and residues into 2nd generation petroleum products.

The technology used in the **MINI-P2R** is based on the P2R (Petroleum Residue Recycling) process, successfully operated by Ecoslops on an industrial scale since 2015.



The **MINI-P2R** is a simple, compact and automatized unit which enables the in-situ valorization of oil wastes and to locally manufacture oil products needed by the nearby industrial fabric.

WORKING PRINCIPLE



ADVANTAGES / BENEFITS



Circular Economy :

Oil wastes valorization at immediate proximity of their generation. Local manufacturing of reduced carbon footprint oil products



Optimized Design :

Implementation of a compact, easy to operate facility which doesn't require large land nor highly-skilled staff nor complex permit



Operational Flexibility :

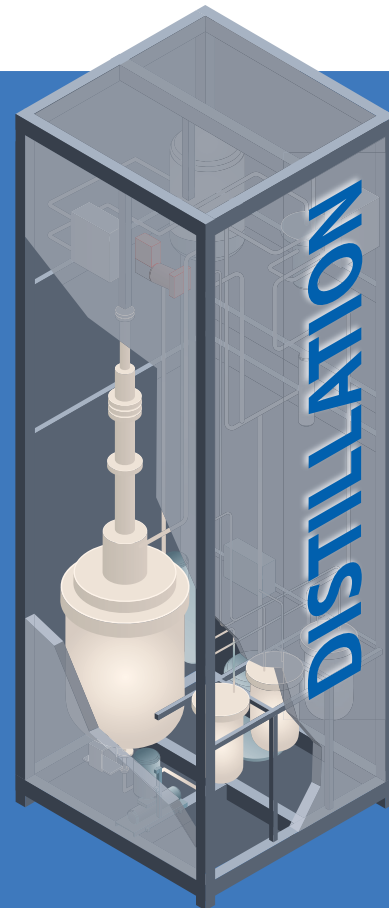
Large operational flexibility as to treated volumes range, production's specifications and utilities needed

RANGES OF APPLICATION

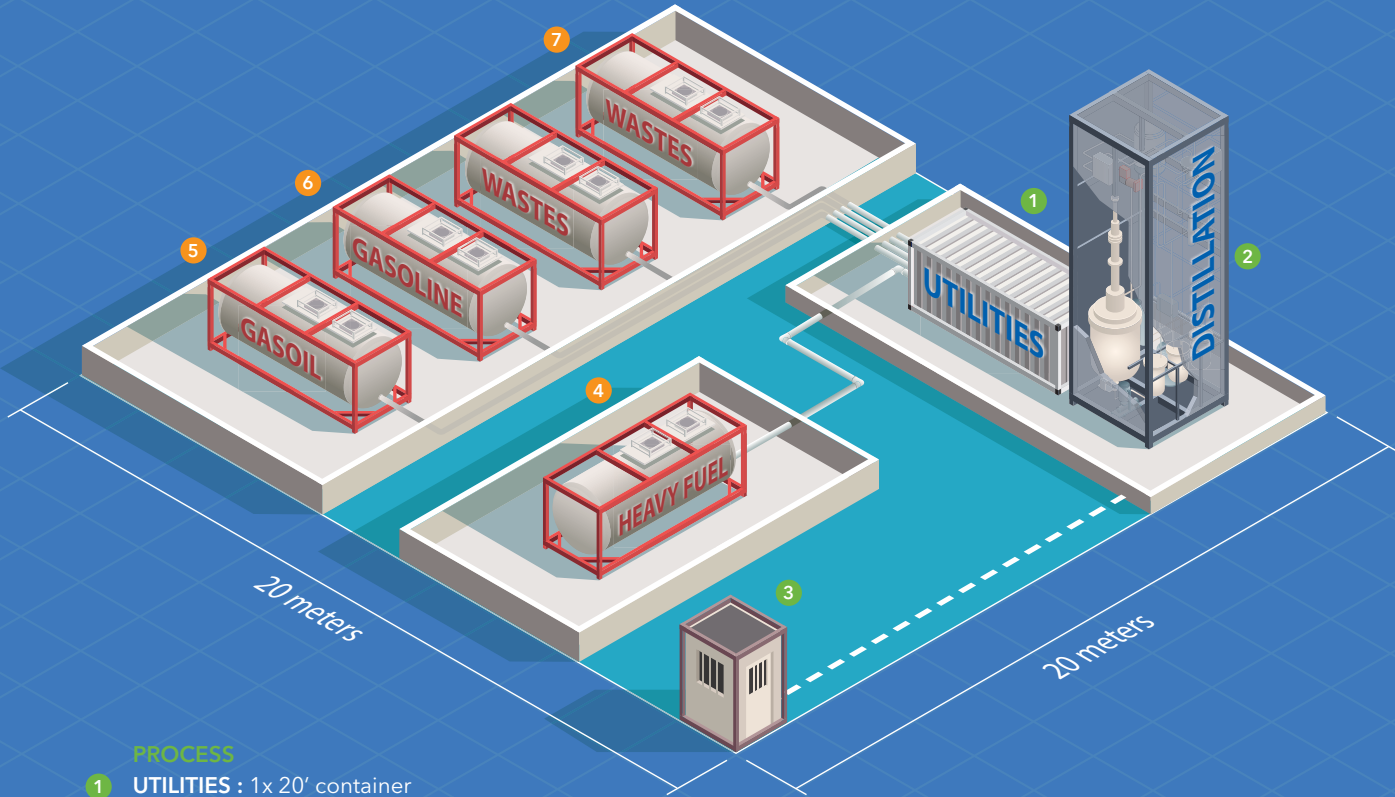
Sector / Industry	Type of waste / residue	Application
Commercial & Fishing ports	Maritime slops, cargo residues, hoses purges...	Regeneration into commercial products
Oil logistics (port or inland)	Pipeline contaminates, tank bottoms, purges...	Regeneration into commercial products
Oil industry, service stations	Off-specs products, accidental mixing...	Products separation or standardization

UNIT DESCRIPTION

Annual capacity	2000 to 5000 tons (dehydrated wastes)
System operation type	automated operation, by batch
Unit packaging	1x 40' container + 1x 20' container
Staff needed	1 employee
Possible heating means	Gas Electricity Self-consumption (light gasoline)
Essential utilities	Electricity Nitrogen
Optional utilities	Compressed air for instruments Steam Cooling water



TYPICAL MINI-P2R IMPLEMENTATION



PROCESS

- 1 UTILITIES : 1x 20' container
- 2 DISTILLATION : 1x vertical 40' container
- 3 PROCESS CONTROL : 2,5 m x 2,5 m prefab

STORAGES

- 4 HEAVY FUEL : 1x 20' isotank (25 m³)
- 5 GASOIL : 1x 20' isotank (25 m³)
- 6 GASOLINE : 1x 20' isotank (25 m³)
- 7 WASTES : 2x 20' isotank (25 m³ each)

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