

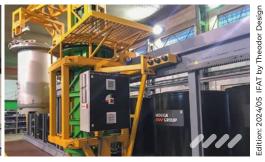
VISUALIZATION OF

PARTICULAR PTR SOLUTION









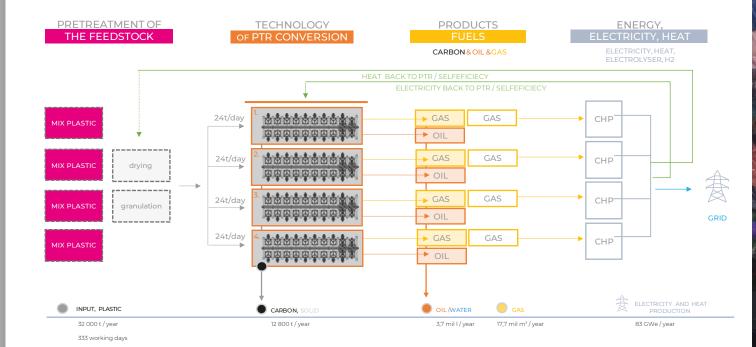
The actual process of slow thermal decomposition (PTR) takes about 2-3 hours and is proceeded in a closed system without air access = Non-oxidative thermal process. The PTR process itself is thermally stable and during the operation it continuously generates from the input charge three output fractions: gaseous, liquid and solid. Depending on the end use of these fractions, the PTR process outputs are certified as products.







PTR TECHNOLOGY PATENTED COMPLEX SOLUTION



PTR TECHNOLOGY





The intention of the PTR comprehensive energy solution is always to design for the future operator a turn-key utilization (disposal) of a particular input material (waste), as well as to simultaneously design an effective energetic arrangement within the current use of PTR products (fuels) to drive a power unit. The PTR comprehensive solution, extended by energy module - cogeneration, will enable to create a completely self-sustaining system, independent of external energy supplies.

ADVANTAGES OF PTR COMPREHENSIVE SOLUTION

- ✓ Container arrangement > which is capacitively modular.
- ✓ Semi-mobile > enables a continuous and temporary operation at various locations according to needs (e.g. near landfill sites), of to purposefully use it as a local source for production of electricity and heat for companies, municipalities and micro-regions.
- Energy self-sustaining > can be installed even where there is no assured supply of electric current.
- Combinability of input raw materials > operational and technological system PTR SMART HYBRID ENERGY | SOLUTION for
 ensuring the required product quality and sufficient energy.

PTR solution + Cogeneration unit =

TECHNOLOGY FOR WASTE TREATMENT AND FUEL AND ENERGY PRODUCTION





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