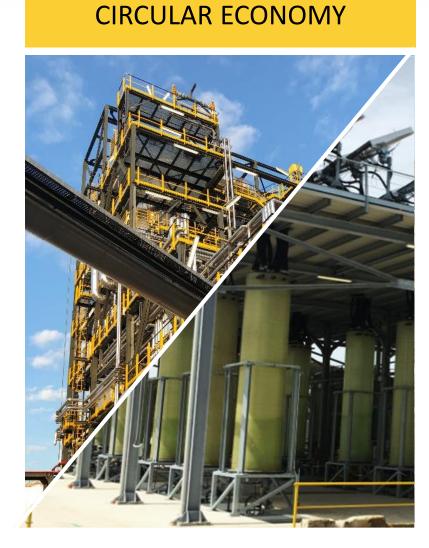
FOCUS ON INNOVATIVE TECHNOLOGIES



R&D TECHNOLOGY PLATFORMS



CARBON NEUTRALITY



OPERATIONAL EXCELLENCE





A SINGLE R&D TEAM FOR ALL ENI BUSINESSES



AN INDUSTRIAL R&D TO SUPPORT ENI NEEDS





ENI'S BIO-REFINERIES

A REAL EXAMPLE OF BUSINESS TRANSFORMATION

BIO-FUELS STRATEGY: ECOFINING[™] TECHNOLOGY

RECONVERSION OF A TRADITIONAL REFINERY INTO A BIO REFINERY TO TRANSFORM ORGANIC FEEDSTOCK AND WASTE INTO HIGH QUALITY BIO-FUELS

INPUT	PROCESS	OUTPUT PRODUCTS
 <i>TO DATE</i> UCO (Used Cooking Oil) Certified Palm Oil Tallow Waste PALM OIL FREE TARGET	Pre-Treatment ECOFINING [™]	
		 BIO-DIESEL HVO (Hydrotreated Vegetable Oil)
		 BIO-LPG BIO-NAPHTHA
@2023 NEW ALTERNATIVE FEEDSTOCK	st the st	FURTHER POSSIBLE PRODUCTS BIO-JET FUEL

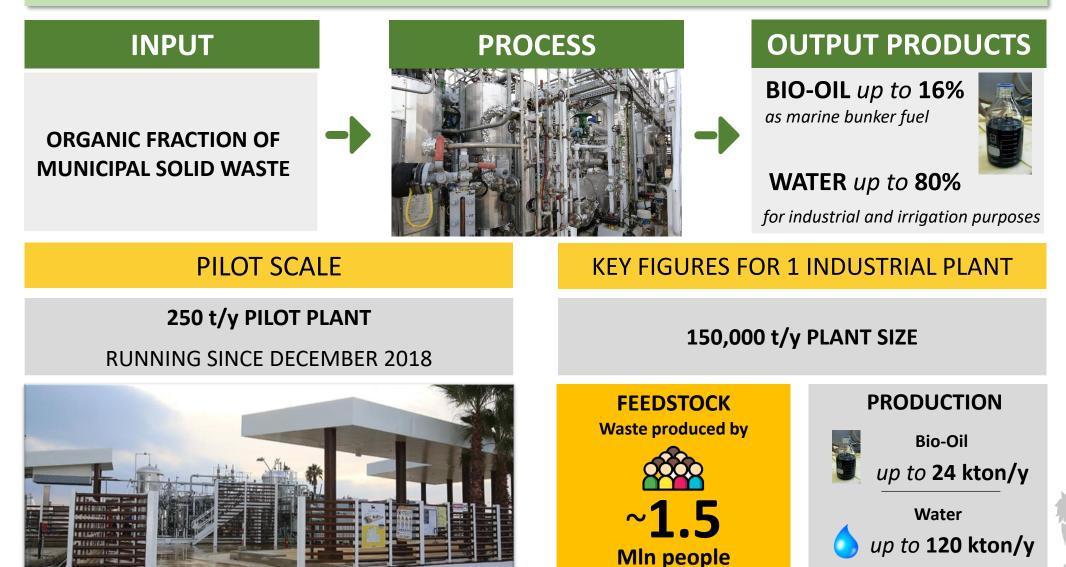
- Microbial Oil
- Algal Oil
- **Castor Oil**

WASTE TO FUEL

A PROPRIETARY TECHNOLOGY FOR CIRCULAR ECONOMY

WASTE TO FUEL TECHNOLOGY

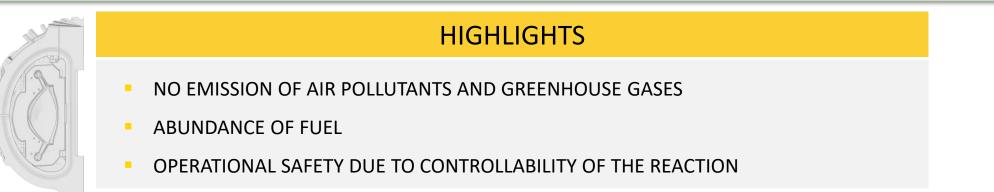
TERMOLIQUEFACTION PROCESS OF THE ORGANIC FRACTION OF MUNICIPAL SOLID WASTE TO PRODUCE BIO-OIL TO BE USED AS MARINE BUNKER FUEL

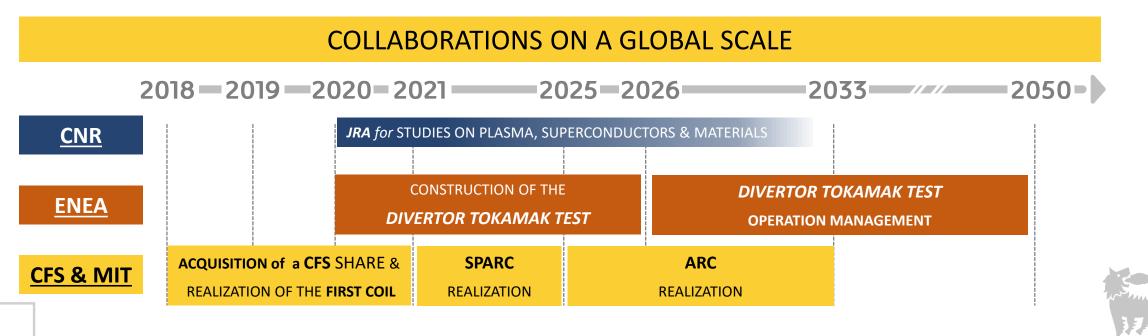


MAGNETIC FUSION A BREAKTHROUGH TECHNOLOGY FOR THE FUTURE

MAGNETIC FUSION - A BREAKTHROUGH TECHNOLOGY FOR CLEAN AND RELIABLE ENERGY

DEVELOPMENT OF TECHNOLOGIES LEADING TO THE **CONSTRUCTION AND OPERATION OF THE FIRST INDUSTRIAL PLANT** THAT CAN ENSURE A **CONTINUOUS AND PROFITABLE PRODUCTION** OF ENERGY FROM FUSION BY MAGNETIC CONFINEMENT





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* <u>CFS =</u> COMMONWEALTH FUSION SYSTEM | <u>CNR=</u> ITALIAN NATIONAL RESEARCH COUNCIL | <u>ENEA =</u> ITALIAN NATIONAL AGENCY