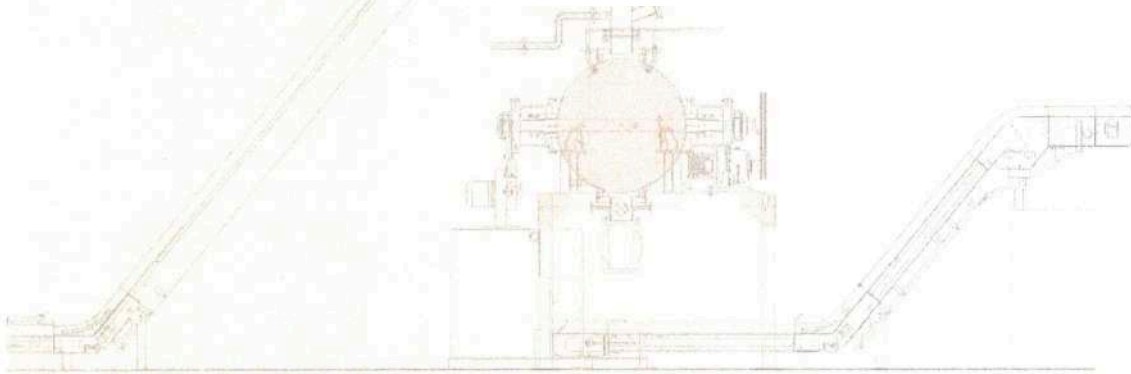


Organic Waste Disposal

PHANTOM



The word "waste" becomes unnecessary from all over the world

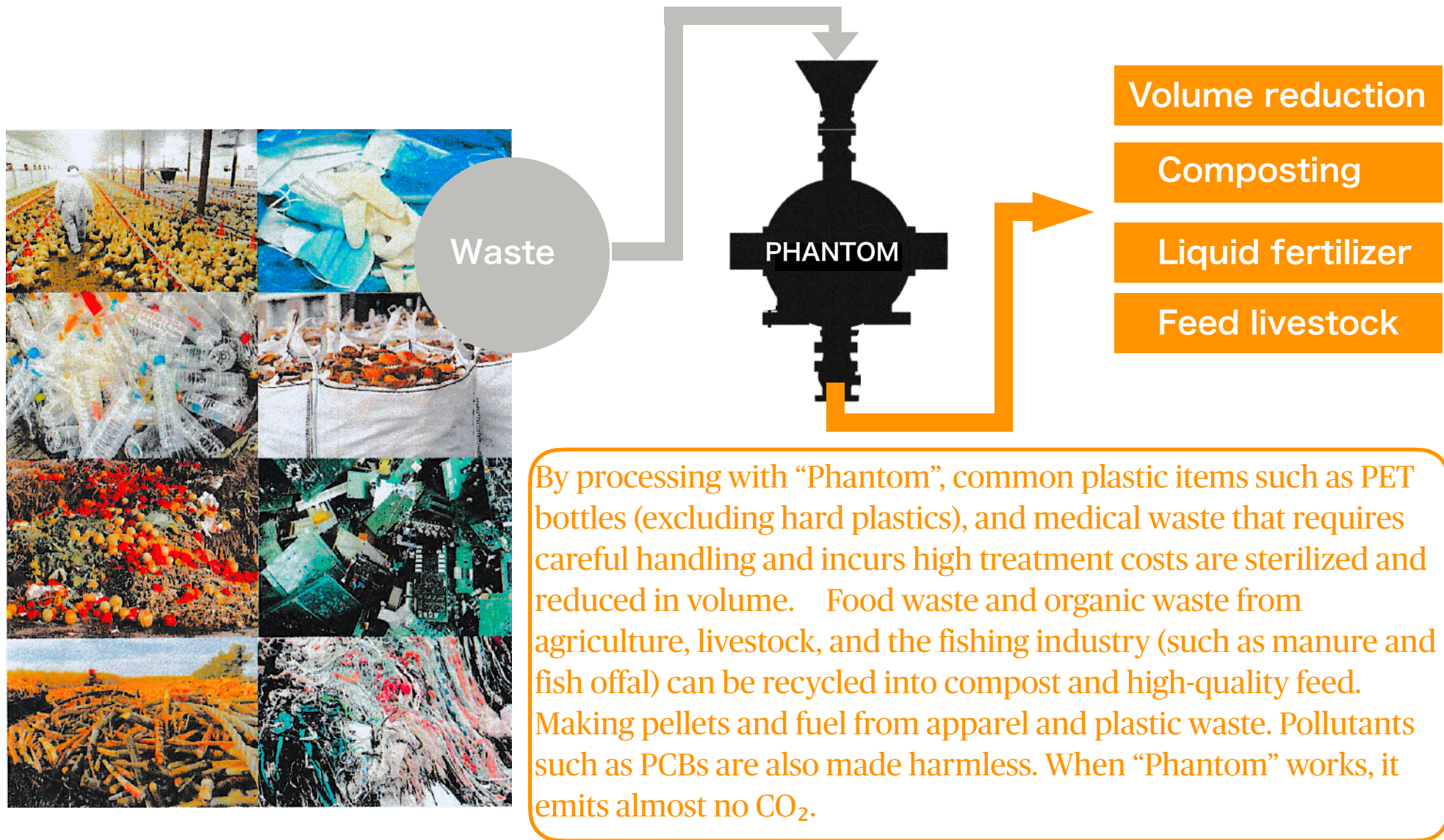


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"Preserving the beauty of our planet for future generations is a collective responsibility we cannot ignore. Our innovative technology, **"PHANTOM"**, has the capability to transform 'waste' into valuable resources. The excessive generation and disposal of waste pose a global challenge, affecting ecosystems both on land and at sea. Plastics and plastic bottles, in particular, present a significant threat to marine life and terrestrial habitats alike. Countries worldwide are employing material and chemical recycling techniques to address this pressing issue. However, these approaches often require extensive facilities, substantial investments, considerable time, and significant manpower. **"PHANTOM"** not only efficiently processes organic waste but also repurposes it into new, reusable resources, offering a sustainable solution to this universal problem."

"We can address those long-standing challenges."

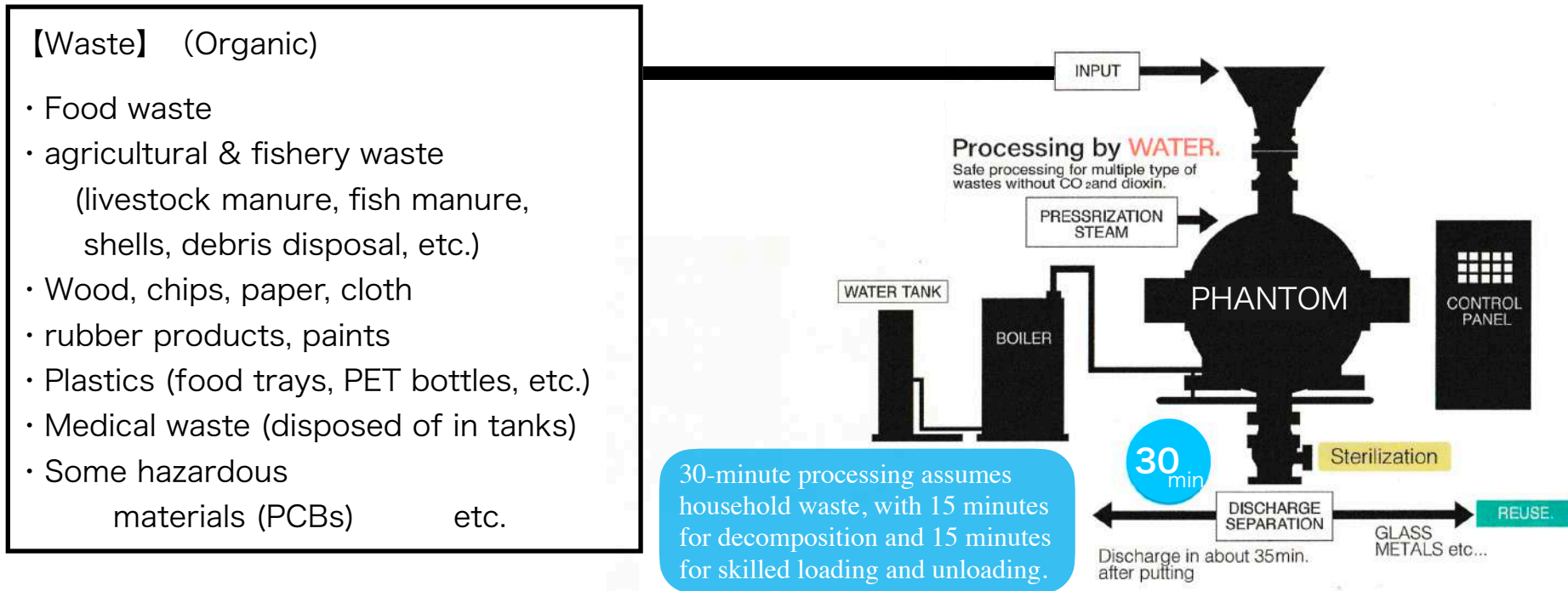




"We can address long-standing challenges with minimal environmental impact."

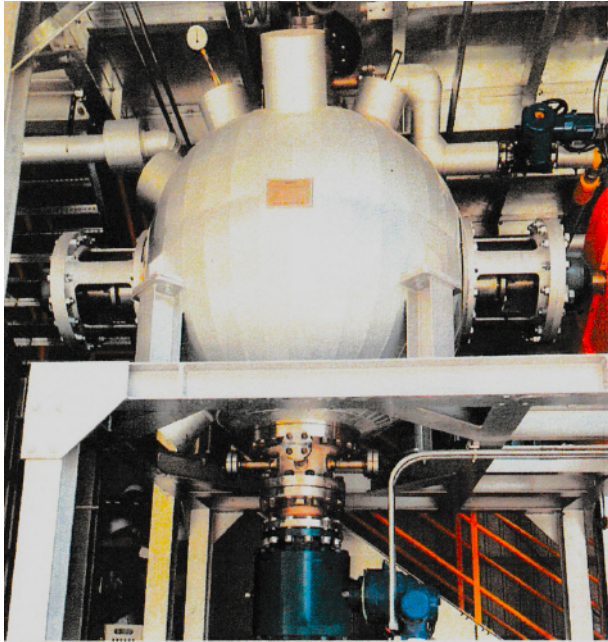
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A single process is completed in 30-50 minutes.



- By selectively inputting organic waste, the device's hydrolysis process allows it to be discharged in a reusable form.
- Detoxification of waste is possible by subcritical water treatment.
- The spherical furnace is designed to ensure that pressure and temperature are evenly applied to the waste. The spherical furnace, which also considers treatment efficiency and ease of discharge, is produced with high technical skill.
- On-site training and education are provided to enhance the proficiency of operational staff.

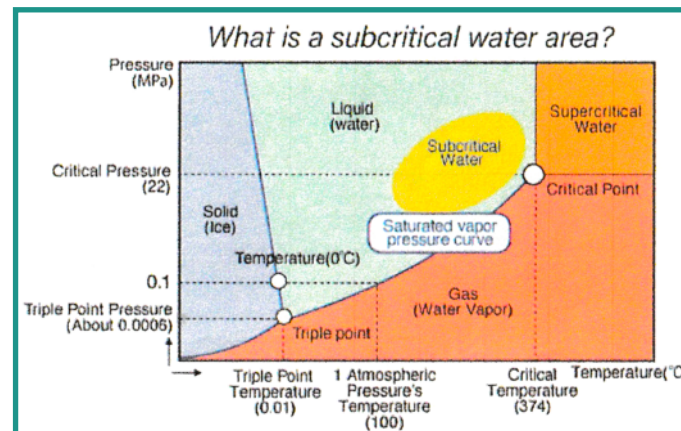
THE “PHANTOM” is capable of processing 3 tons of organic waste in about 30 minutes.



Water is a liquid at room temperature and boils at 100°C under atmospheric pressure (1 atm), turning into a gas.

However, when the pressure exceeds the critical point of 22 MPa (approximately 220 atm) and the temperature reaches 374°C, it becomes neither a liquid nor a gas, transitioning into a supercritical water state. The region near this critical point is referred to as the subcritical water region.

High-speed hydrolysis using subcritical water allows for rapid treatment and significant volume reduction.



Our cutting-edge “subcritical water technology” will enable us
to preserve a beautiful earth for future generations.

[Corporate information]



JEP Corporation

Level 8, Shinjuku Oak City
Nittochi Nishi-Shinjuku Building
6-10-1 , Nishi-Shinjuku , Shinjuku-ku
Tokyo 160-0023 Japan

【Inquiries】

Phone : 81-3-5325-3049

E-mail : hayata@jepgroup.co.jp

Technology by Masanori Ishimaru



JEP corporation