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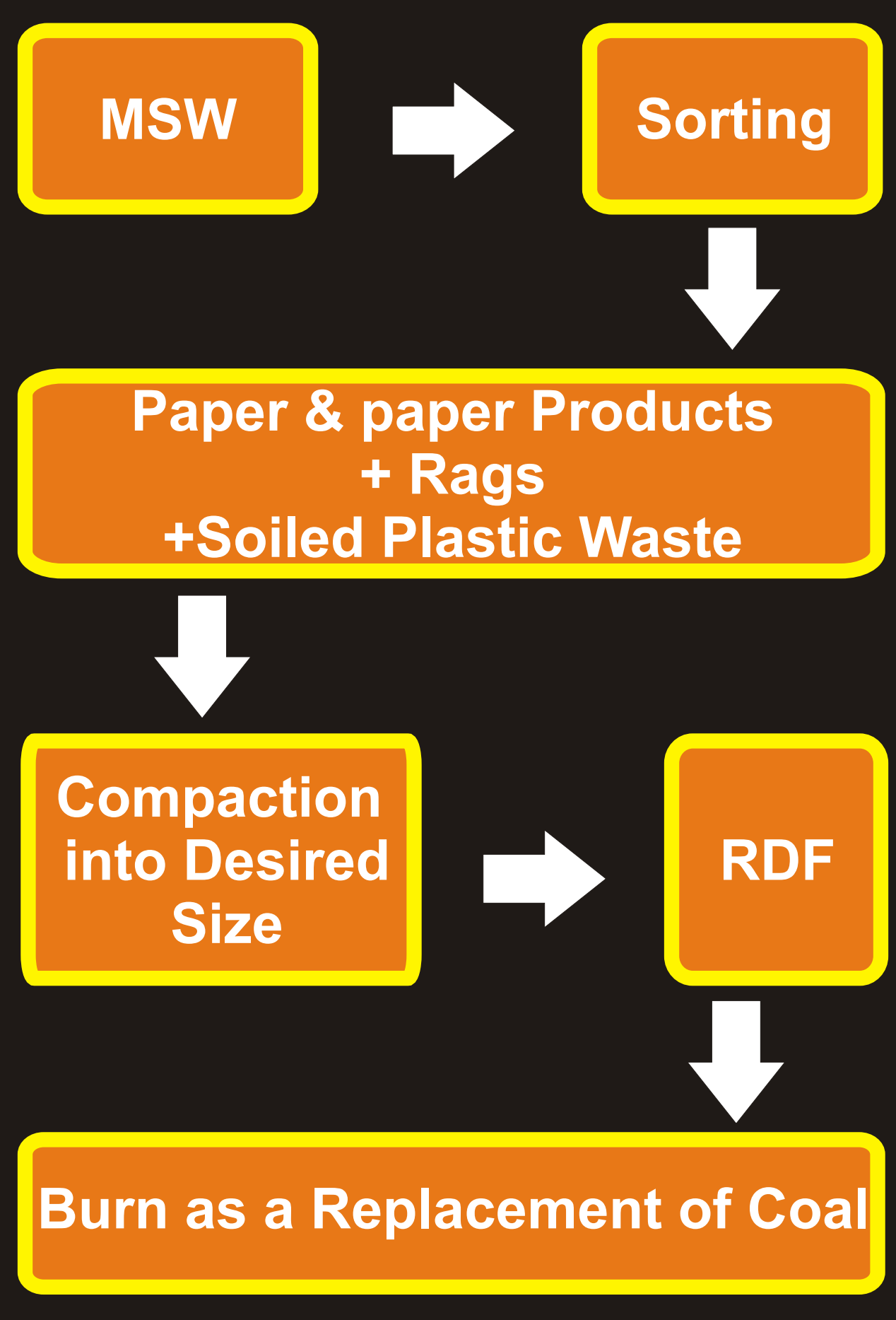
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A potential alternative to coal

What is RDF ?

A high Calorific value fuel produced by compaction of non-recyclable portion of Municipal Solid Waste

How is RDF produced ?



What is the benefit ?

- Reduced Land Filling Requirement
- Improved environmental quality of dump sites in terms of odor and rodent infestation.
- Resource Recovery.

Potential of RDF in Bangladesh

- **Availability of Raw Material**
 Proportions of Raw material present in MSW for RDF;
 Paper and paper products – 6.64%
 Rags – 1.71%
 Soiled plastics waste – 4.15%
 600,000 tons available in the country,
 90,000 tons in Dhaka alone.
- **Reduced Use of Fossil Fuel**
 428 brickkiln coal can be replaced .
- **Foreign Currency Saving**
 At US\$ 50/t coal, savings by using RDF = US\$ 15 million
 (US\$ 2.25 m in Dhaka alone)



Process of RDF Production, Nonthaburi, Thailand

