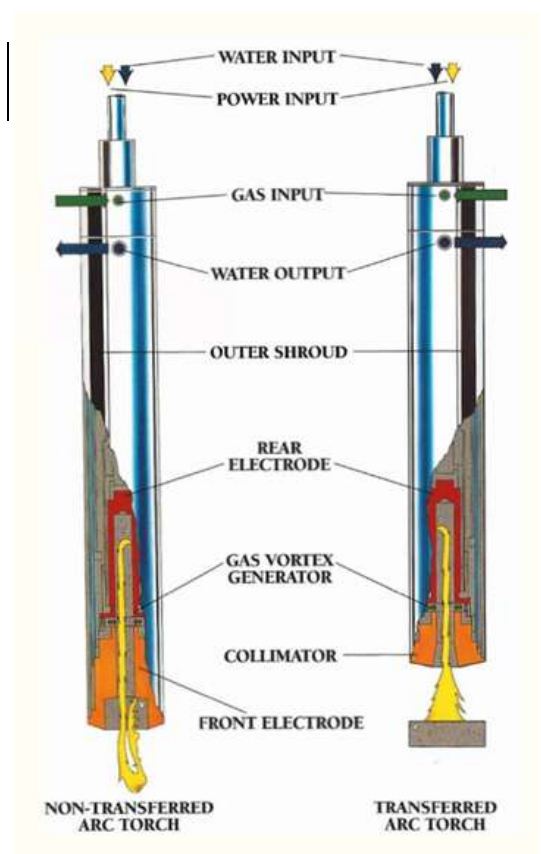


Energy from waste recycling with Plasma Technology

n.ref	2018-001	Sector:	Waste Management and energy
Status:	Active		
Opening date:	Jan-18		
<p>Plasma Gasification is an emerging technology in the Waste-to-Energy field that produces synthetic gas (syngas) and slag from a wide range of wastes using plasma.</p> <p>The syngas can be used as an alternative to natural gas, while slag can create useful by products for a wide range of industries. The process of obtaining energy from plasma consists of two stages, gasification and syngas valorisation.</p> <p>Advantages.</p> <ul style="list-style-type: none"> - minimal emissions, a - destroys toxic contaminants. <p>Plasma Heating Systems can process a wide variety of wastes, including hazardous material, ensuring that no harmful products are released into the environment.</p> <p>Inorganic materials melt into a liquid, obsidian-like slag that has uses in various industries.</p>			
Applications:	Disposal of Nuclear Waste; Toxic Waste; Asbestos, PCBs,		
Looking for:	Financial Institution; Public Administration, Hospitals, Chemical factories		