

Environmental Technologies

<h2>Energy</h2>	<h3>Power Generation with Renewable Energy</h3> <p>Photovoltaic Energy Solarthermal Energy Geothermal Energy Hydrothermal Wind energy Bioenergy</p>	<h3>Environmentally -friendly Use of Fossil fuels</h3> <p>Combined Cycle Power Plant Cogeneration Plants High-performance Power stations CO2- reduced Power Generation</p>	<h3>Storage Technologies</h3> <p>Mechanical Storage Electrochemical Storage Electrical Storage Thermal Storage</p>	<h3>Efficient Grid</h3> <p>Smart Grid Local and District Heat Grid</p>
<h2>Circular Economy</h2>	<h3>Remanufacturing</h3> <p>Infrastructure Reverse logistics Cradle - 2- Cradle Standards & Models Processes</p>	<h3>Waste Utilisation</h3> <p>Parts harvesting Waste Separation & Sorting Technology Segregation Value Recycling Thermal Waste Treatment</p>	<h3>Waste Disposal</h3> <p>Zero Waste -2-Landfill Safeguarding & Removal of Contaminants & Hazardous Waste Reduction/ Utilisation of Landfill Gas</p>	<h3>Environmental Remediation</h3> <p>Land Rehabilitation Ecological Restoration Natural capital enhancement</p>
<h2>Sustainable Water Management</h2>	<h3>Waste Procurement & Treatment</h3> <p>Groundwater Monitoring Water Purification</p>	<h3>Water Utilisation</h3> <p>Components of the Water Distribution System Water Distribution Grid</p>	<h3>Efficiency Increases in Water Utilisation</h3> <p>Water- efficient Technology in the Residential Sector Water- efficient Technology in the Commercial Sector</p>	
<h2>Sustainable Mobility</h2>	<h3>Alternative Fuels</h3> <p>Biofuels Natural Gas Hybrid Drive Electrical Drive Fuel Cell Drive</p>	<h3>Alternative Drive Technology</h3> <p>Efficient Combustion engines Environmentally- friendly Vehicle Design</p>	<h3>Infrastructure & Traffic control</h3> <p>Intelligent Traffic Control Integrated Traffic Infrastructure Electric Charging Stations Natural Gas Fuelling Stations</p>	<h3>Sustainable Mobility Management</h3> <p>Car sharing Vehicle Fleet Management</p>
<h2>Resource & Material Efficiency</h2>	<h3>Cross-sectional Technology</h3> <p>Biotechnology Nanotechnology Mechanical Engineering / Process Technology</p>	<h3>New Materials</h3> <p>Compound Materials Bio-plastics</p>	<h3>Material-efficient processes</h3> <p>Optimisation of Existing Processes Utilisation of new Materials Reduction of operating Supplies</p>	<h3>Sustainable design</h3> <p>Eco Design Life cycle Assessment</p>
<h2>Energy efficiency</h2>	<h3>Industry-specific Energy-efficient Production Processes</h3> <p>Automation & Control Technology Efficient Engines Heat Recovery</p>	<h3>Efficient Appliances</h3> <p>Electrical Appliances Information & Communication Technology Illumination</p>	<h3>Material-efficient processes</h3> <p>Technical Building Equipment Building Shell (Insulation & Windows)</p>	
<h3>Legend</h3> <ul style="list-style-type: none"> Sector Application Technology 				