

## Smart grid and energy storage

- smart grid demand management
- transmission and distribution
- mechanical storage
- electrochemical storage
- electrical storage
- thermal storage
- hybrid storage
- energy storage services

## Precision agriculture, forestry, and biodiversity

- precision inputs
- machinery and equipment
- aquaculture
- wild flora and fauna management
- sustainable forestry

## Mining, processing, materials, manufacturing and industry

- minerals use
- green mining and processing
- advanced and lightweight materials

## Renewable and non-emitting energy supply

- wind
- bioenergy
- geothermal
- hydro
- solar
- nuclear
- waste to energy

## Energy efficiency

- energy and resource-efficient modifications and improvements
- measurement controls and monitoring
- industrial design and related services
- efficient industrial equipment
- efficient commercial and residential equipment

## Water and wastewater

- treatment of industrial wastewater; treatment of sewage; waste water management
- in and ex situ physical, chemical, and biological treatment of groundwater, surface water, and leachate
- control, containment, and monitoring services; treatment of air emissions or off-gases
- treatment of drinking water and filtration systems
- water efficiency; measurement and control of water use; water recycling

## Transportation

- fuel-efficient automotive equipment
- fuel-efficient aerospace equipment
- infrastructure and traffic control

## Air, environment and remediation

- emission control; monitoring and compliance; management or treatment or industrial services for air pollution, flue gas, and GHG management
- in situ and ex situ physical, chemical, biological, and thermal treatment of soil, sediment, and sludge
- noise and vibration abatement
- environmental protection activities
- protection from radiation

## Waste and recycling

- non-hazardous waste collection
- separating and sorting
- disposal
- recycling
- compaction
- centralized biological reprocessing and composters

## Biofuels, bioenergy, and bioproducts

- biofuel production
- bioenergy production
- equipment for producing biofuels and bioproducts
- biochemicals
- biomaterials