INITIATIVES FOR SDGs

CREATING A FUTURE THAT WORKS FOR PEOPLE AND THE PLANET.

Mitsubishi Power is creating a future that works for people and the planet by developing innovative power generation technology and solutions to enable the decarbonization of energy and deliver reliable power everywhere.
The SDGs (Sustainable Development Goals) are international goals up to 2030 adopted at the United Nations Summit of September 2015.

**PEOPLE**
Solving societal issues in developing countries and regions

- **Easing power shortage issues**
  Encouraging economic growth by supporting electrical supply.  
  - Vietnam Case

- **Stabilizing power supply**
  Contributing to stable and reliable power generation by operating and maintaining power plants.  
  - Uzbekistan Case

- **Quick recovery from disasters**
  Contributing to mobile, compact generation solutions to address power shortages caused by natural disasters.  
  - Puerto Rico Case

- **Greatly suppress emissions of air pollutants**
  Quality control systems to clean emitted gases.  
  - India Case

**PROSPERITY**
Coexisting with renewable energy

- **Generating renewable energy**
  - North America Case

- **Gas turbine generation**
  - Supplementing the unstable power of renewable energy using gas turbine power generation with short startup times.

- **Balancing stable power generation while reducing environmental impact**

**PLANET**
Promoting decarbonized and low-carbon technology

- **Next-generation thermal power generation**
  The world’s highest level of GTCC power generation efficiency
  - Mitsubishi Power
  - Integrated coal gasification combined cycle (IGCC)
  - Biomass mixed-combustion power generation

- **Solid oxide fuel cells**
  Anticipating CO₂ reduction

- **Geothermal generation**
  Clean, green energy from the earth

- **Shifting to hydrogen gas turbine power generation**
  Expected CO₂ reduction from one 440MW plant
  - Approx. 1.3M tons per year

- **Expected CO₂ reduction**
  Shifting to hydrogen gas turbine power generation

**PARTNERSHIP**
Global value co-creation

- **Mitsubishi Power**
  Providing technology/know-how to develop business opportunity
  - Partner companies
    - Receiving technology/know-how to develop countries or regions
  - Thailand Case
    - Jointly established a parts repair plant with customers, providing technology and know-how, and educating local engineers.