

# Chemicals Solution for Climate

## Notice

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# Global Chemical Industry and Climate

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## ■ Energy intensive industry

- 13 GJ/ton (18 basic chemicals, 60% of total energy)
- 1.5 Gt of direct CO<sub>2</sub> emissions in 2015 (40% devAsia)
- Production will increase by 70% in 2050

## ■ Industry enabling other industries to reduce emissions

- 2.5 Gt in 2030 in IEA-2DS as compared to 6DS
- Buildings, Transport and Renewable Energy sectors
- Possibly 5.0 Gt if solutions applied in full scale

# Mitsubishi Chemical Holdings (MCHC)

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## ■ A global chemical company with:

- 3 business domains: Industrial materials, performance products, healthcare
- Annual sales of ¥3.8 trillion (43% overseas)
- 68,000 employees worldwide

## ■ Committed to sustainability and innovation

- Solutions for energy/resource efficiency
- PP collaboration on renewable H2
- MGMT of Sustainability (MOS) as one of core principles

# MCHC' s Action on Climate

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## ■ Curb direct GHG emissions

- Reduction target of 17% from 2005 to 2015
- 36% reduction achieved in 2015
- Business portfolio, energy efficiency  
(cogeneration, process improvement)

## ■ Enable our customers' emissions

- Contribution target of 3.5MMt/y in 2015
- 40% of the target achieved in 2015