

Promoting Synergies between Air Pollution Control and Climate Change Mitigation in Asia



- IGES jointly authored the Asian Co-benefits Partnership White Paper -

Issue

- From Beijing to Mumbai, people are suffering from worsening air pollution and climate change impacts.
- Many air pollutants also contribute to climate change. Therefore, addressing air pollution and climate change in an integrated manner can protect the climate while saving money and lives.
- Mitigating air pollutants that warm the climate known as short-lived climate pollutants (SLCPs) in Asia can reduce mean global warming by $\sim 0.3^{\circ}\text{C}$ by 2050 while avoiding 0.3-3 million premature deaths annually by and beyond 2030.
- Mitigating carbon dioxide (CO_2) while controlling some air pollutants can offset on average between \$ 27-196 per ton of CO_2 in developing countries.
- The multiple benefits from a more integrated approach to managing air pollution and climate change are known as co-benefits. Asia has more to gain from incorporating co-benefits into policies than any other region.



Role of IGES

- IGES serves as the secretariat of the Asian Co-benefits Partnership (ACP). The ACP is a network established four years ago to promote dialogue and information sharing on co-benefits in Asia.
- Working through the ACP, IGES convened more than 30 international experts and policymakers to jointly author the ACP White Paper.
- The ACP White Paper explains the advantages of a co-benefits approach and proposes concrete, practical, and cost-effective solutions.



Impacts

- Governments in Asia are expected to make co-benefits a core element of low carbon strategies, air pollution policies, and sector-specific plans. This will maximize cost-effectiveness.
- Development funding agencies are expected to make co-benefits part of the evaluation criteria for financing low carbon, air pollution, and sector-specific projects in Asia.
- More countries in Asia are expected to adopt SLCP control technologies and join the Climate and Clean Air Coalition (CCAC)—a global partnership promoting action on SLCPs.