

# Create Social Co-benefits to Achieve SDGs

Second Regional Seminar for the Asia-Pacific Region Parliaments  
on Achieving the SDGs

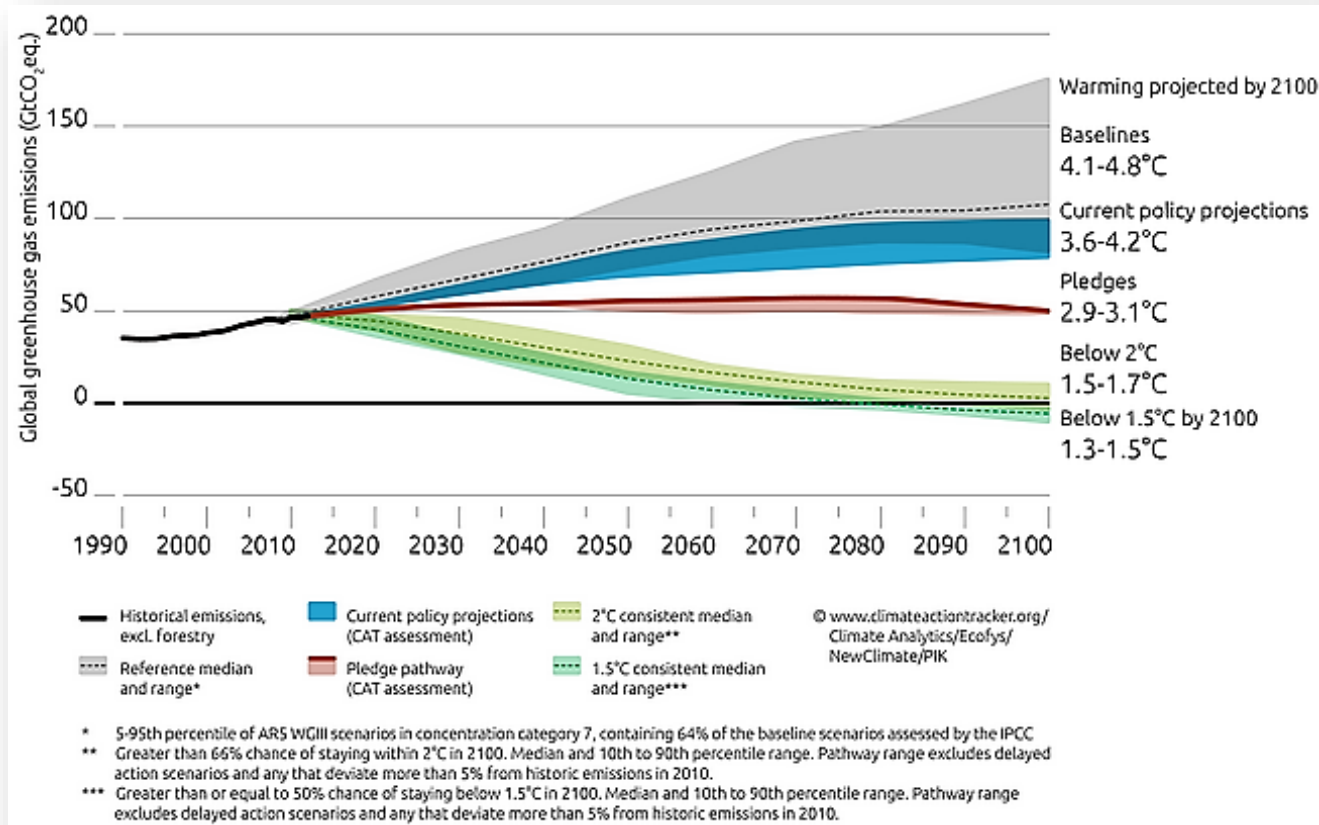
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**IGES**  
Institute for Global  
Environmental Strategies

# Impacts of Climate Change

## Emission Scenarios and Projected Changes in Temperature



Ref.  
The last ice age was  
5°C lower than now

Kyoto Protocol 1997  
**IGES**  
 Institute for Global  
 Environmental Strategies  
 Paris Agreement 2015

(Source: Climate Action Tracker 2014)

# Current Trend on International Climate Policy



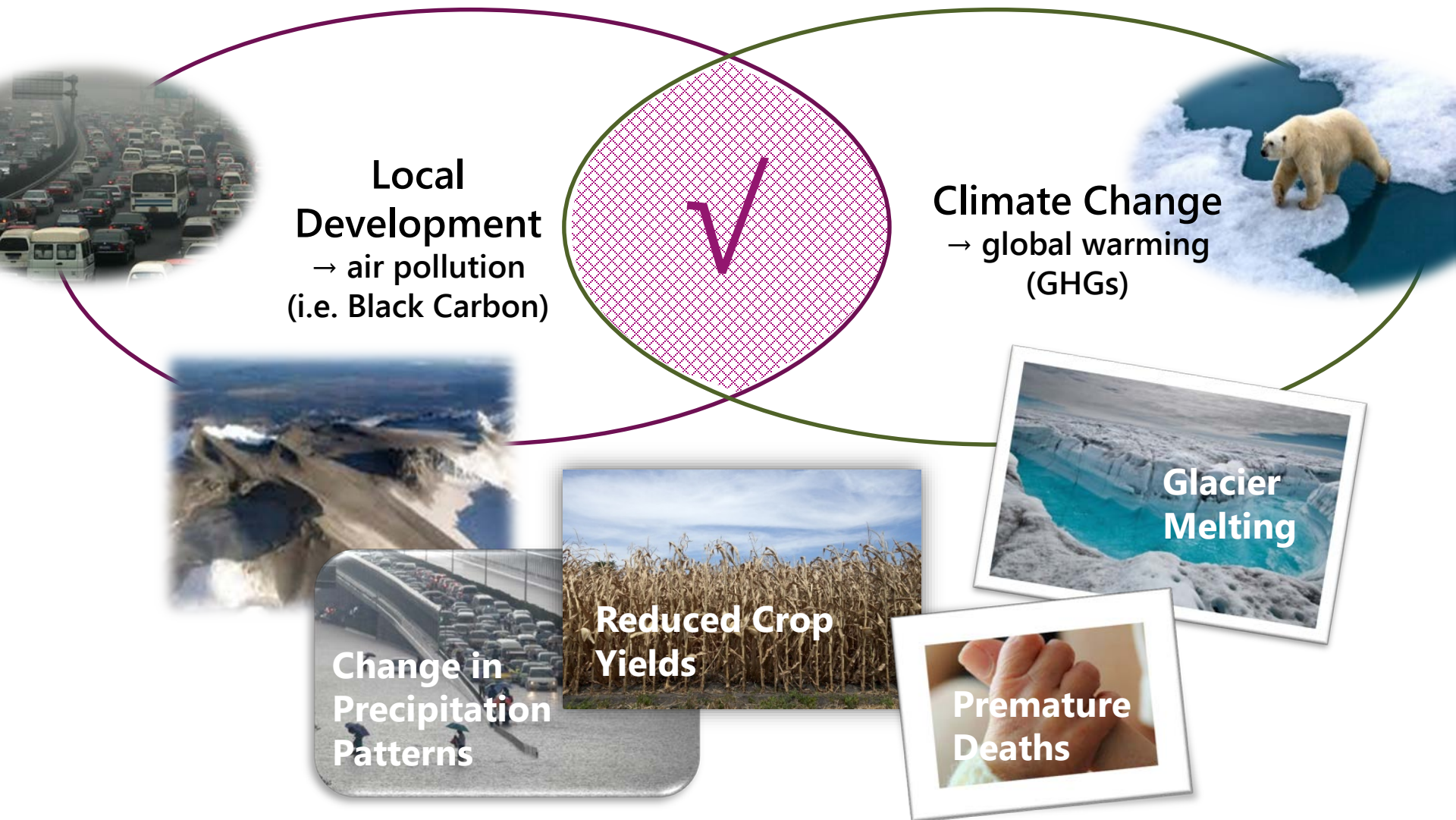
## Nationally Determined Contributions

(Source: [www.undp.org](http://www.undp.org))

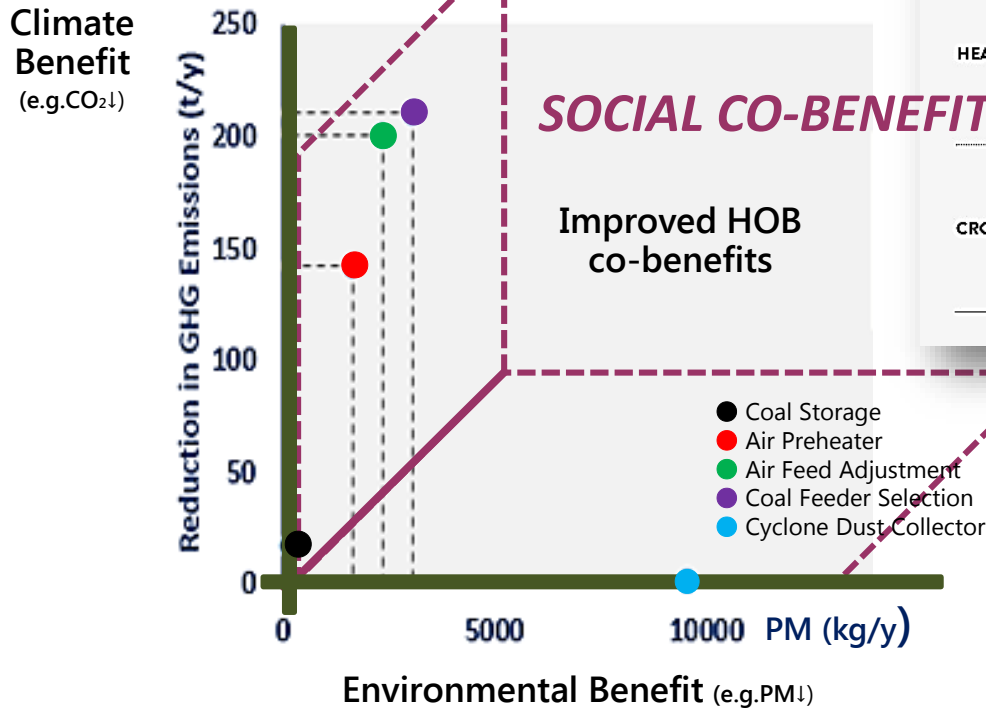
As countries implement 2015 Paris Agreement and 2030 Agenda for SD, NDCs and SDGs become the priority of its national development planning.

Emphasis on sustainability and inclusivity is growing: need to ensure climate change mitigation actions are consistent with other environmental priorities and socioeconomic needs.

# Visualising Co-benefits With Short-lived Climate Pollutant



# Expand view of Co-benefits



## ANNUAL BENEFITS

From large-scale mitigation by 2030

CLIMATE		<b>AVOIDED WARMING</b>	REDUCED RATE OF SEA-LEVEL RISE BY ~20% BY 2050	REDUCED RATE OF MELTING	REDUCED RATE OF SEA-LEVEL RISE BY ~20% BY 2050
HEALTH		<b>2.4 MILLION</b>	AVOIDED PREMATURE DEATHS ANNUALLY FROM OUTDOOR AIR POLLUTION	REDUCED AIR POLLUTION - WORLD'S LARGEST ENVIRONMENTAL HEALTH RISK	
CROPS		<b>52 MILLION</b>	TONNES OF AVOIDED CROP LOSSES FROM 4 MAJOR STAPLES YEAR		

(Source: [www.ccacoalition.org/en/science-resources](http://www.ccacoalition.org/en/science-resources))

Improved air/water quality; Improved work environment/green job creation; Poverty reduction; Gender equality; Energy security; Educational opportunity; Local participation and so on...



The pilot projects involved women in concrete on-the-ground initiatives that built knowledge and skills to mitigate climate change while earning other livelihood benefits. Simultaneously, the institutional capacity building and policy mainstreaming empowered women and women's groups, engaging them in decisions that could help achieve longer-lasting results.

## Multi-stakeholders at Multi-levels for Multi-benefits



# KEY MESSAGES



- More attentions focus on the interaction between climate change and the livelihoods of the underprivileged.
- Achieving co-benefits require recognising social co-benefits of climate change – ranging from green job creation to gender equity.
- Need policies to achieve co-benefits that are environmentally sustainable and socially just.
- Achieving co-benefits through participatory governance can deliver long-lasting success.