



Bundesministerium
für Umwelt, Naturschutz
und Reaktorsicherheit

The Climate and Clean Air Coalition (CCAC)

Bridging international climate protection and waste policy



Photo by Tor Lie

Elements of a
Greenhouse Gas
Neutral Society

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Topics

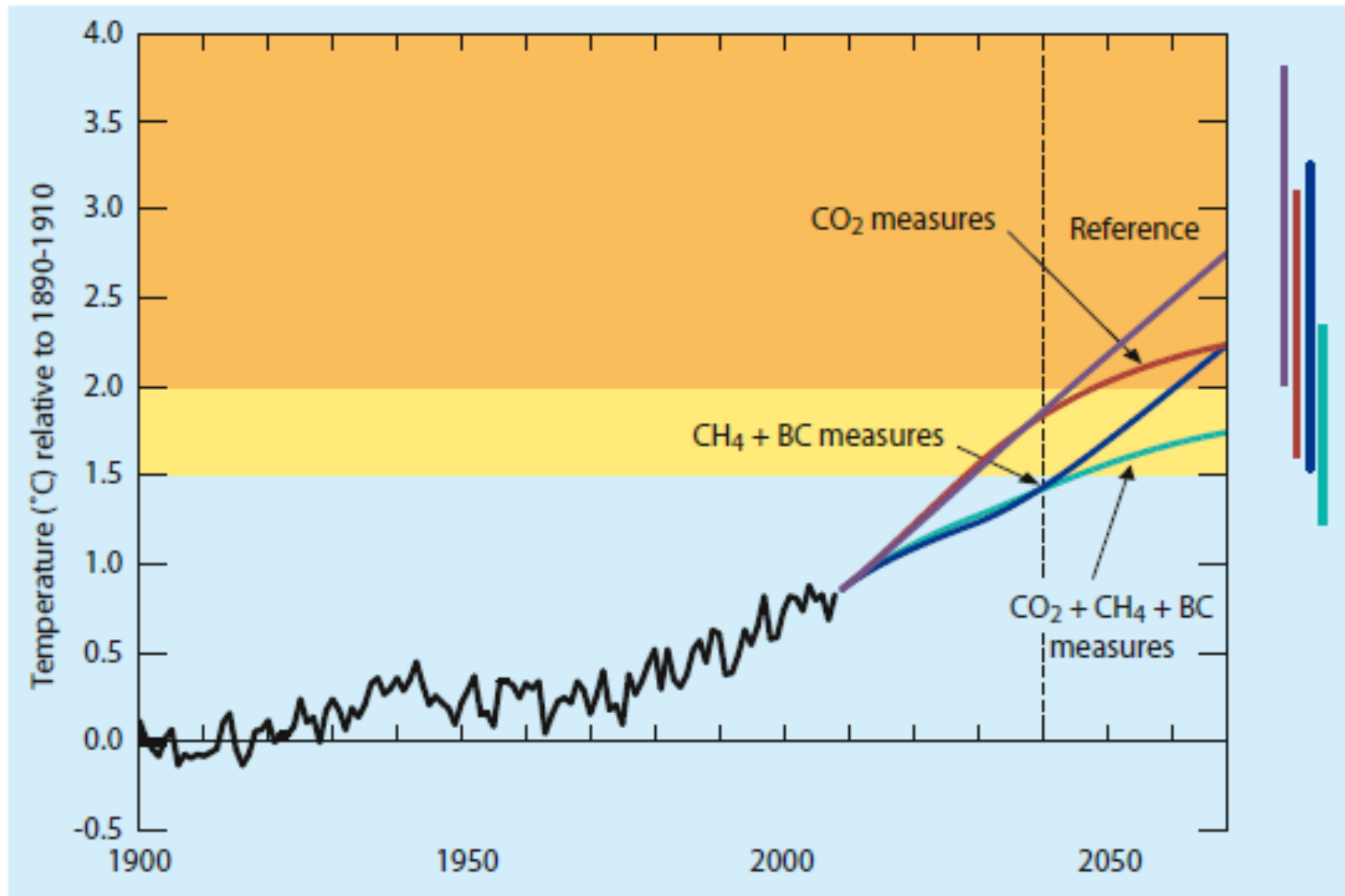
- 1. Short-lived Climate Forcers - SLCF**
- 2. Climate and Clean Air Coalition**
- 3. CCAC Waste Initiative**



SLCFs

Short-lived Climate Forcers

- SLCF include black carbon, methane, tropospheric ozone and some hydrofluorocarbons (HFCs)
- UNEP report: reduction of these pollutants has the potential to slow down global warming by up to 0.5°C between 2010 and 2050
- Reducing SLCFs helps to narrow the GHG emissions gap in 2020
- Secondary gains associated with improved health, crop yields and ecosystem impacts



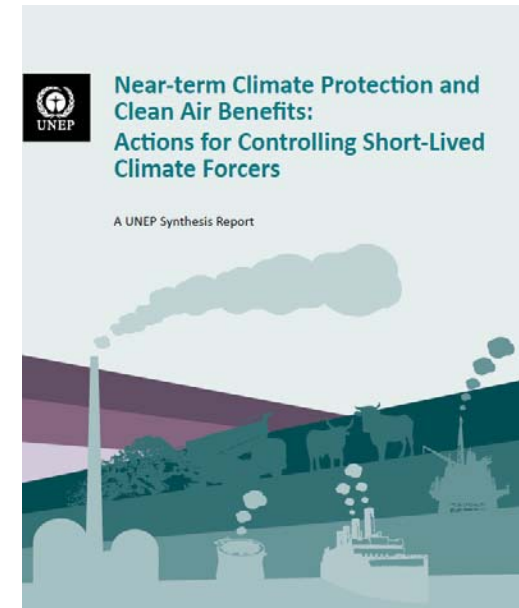
Source: UNEP/WMO 2011



SLCFs

Short-lived Climate Forcers

- SLCF include black carbon, methane, tropospheric ozone and some hydrofluorocarbons (HFCs)
- UNEP report: fast action to reduce these pollutants, especially methane and black carbon, has the potential to slow down global warming by up to 0.5°C between 2010 and 2050
- Reducing SLCFs helps to narrow but not close a GHG emissions gap in 2020
- Secondary gains associated with improved health, crop yields and ecosystem impacts





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CCAC - Overview

- **Goal:** reductions of SLCPs (black carbon, methane and HFCs)
- **Functions:** awareness raising, enhancing national actions and internationale coordination, promoting best practices, mobilising targeted support for developing countries
- **Organization:** High-level Assembly, Secretariat at UNEP, Scientific Advisory Panel, Working Group



International Climate Policy

UNFCCC	Multilateral Fora	Bilateral Cooperation	National Action
• COP/CMP • Subsidiary Bodies - SBI - SBSTA - ADP • Other Bodies - Green Climate Fund - Adaptation Committee - Technology Executive Committee - CTCN - CDM EB - JISC - CGE	• Petersberger Klimadialog • Major Economies Forum • Cartagena Dialogue • Climate Change and Clean Air Coalition (CCAC) • G8/G20 • Rio+20 • SE4All • Renewables Club • UN Security Council • World Bank • World Economic Forum	• Germany – International Climate Initiative – ODA -BMZ – Political Dialogue - Foreign Office, BMZ, BMU, BMWi • EU	• German Energy-trans-formation • Climate targets 2020/2030/2050 • Renewables targets • Energy Efficiency targets • EU targets 2020/2030

Intergovernmental Panel on Climate Change (IPCC)



CCAC initiatives

- Reducing Black Carbon Emissions from Heavy Duty Diesel Vehicles and Engines
- Mitigating Black Carbon and Other Pollutants From Brick Production
- Promoting HFC Alternative Technology and Standards
- Accelerating Methane and Black Carbon Reductions from Oil and Natural Gas Production
- **Mitigating SLCPs from the Municipal Solid Waste Sector**
- Financing of SLCP mitigation
- Supporting National Planning for action on SLCPs (SNAP)



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CCAC - Mitigating SLCPs from the Municipal Solid Waste Sector

Assessing

- Baseline
- Opportunities
- Action Plan

Capacity Building

- Technical assistance
- Tools and resources

Convening

- Network of actors and leaders
- Scale up action



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www.unep.org/ccac

<http://waste.ccac-knowledge.net>