



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

Berlin, 10 October 2013

Christian Müller
Federal Ministry for the
Environment, Germany



Topics

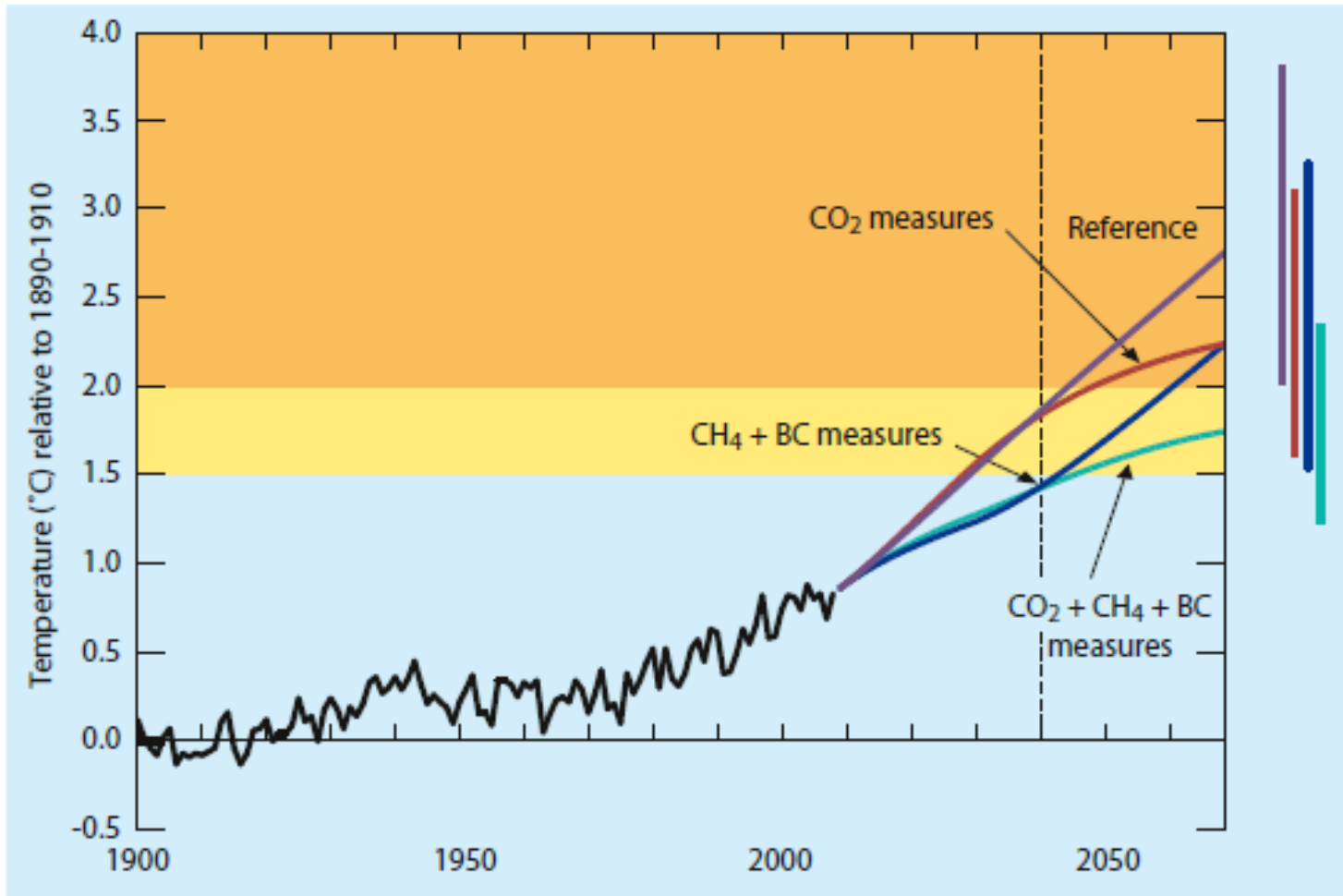
- 1. Short-lived Climate Forcers - SLCF**
- 2. Climate and Clean Air Coalition**
- 3. CCAC Waste Initiative**



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



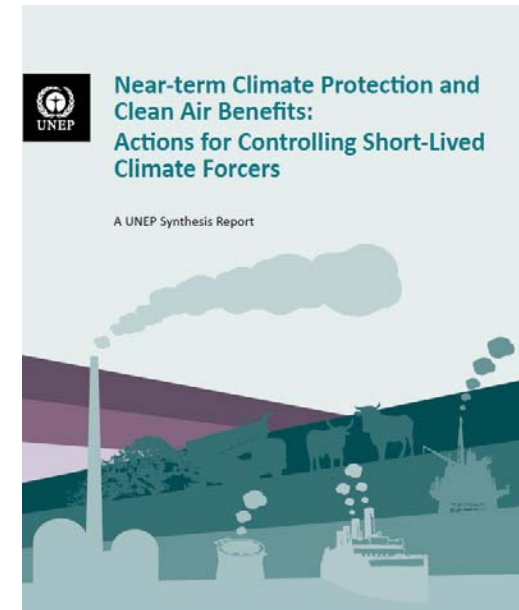
Source: UNEP/WMO 2011



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





Topics

1. Short-lived Climate Forcers

2. Climate and Clean Air Coalition

3. CCAC Waste Initiative



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

- COP/CMP
- Subsidiary Bodies
 - SBI
 - SBSTA
 - ADP
- Other Bodies
 - Green Climate Fund
 - Adaptation Committee
 - Technology Executive Committee
 - CTCN
 - CDM EB
 - JISC
 - CGE

Multilateral Fora

- 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

Bilateral Cooperation

- Germany
 - International Climate Initiative
 - ODA -BMZ
 - Political Dialogue - Foreign Office, BMZ, BMU, BMWi
 - ...
- EU

National Action

- German Energy-transformation
- 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)



Topics

1. Short-lived Climate Forcers

2. Climate and Clean Air Coalition

3. CCAC Waste Initiative



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



Bundesministerium
für Umwelt, Naturschutz
und Reaktorsicherheit



christian.mueller@bmu.bund.de
www.unep.org/ccac
<http://waste.ccac-knowledge.net>