



**CLIMATE &  
CLEAN AIR  
COALITION**  
TO REDUCE SHORT-LIVED  
CLIMATE POLLUTANTS

at IEA Workshop  
Industry/business use of complementary  
measures for decarbonisation

Paris, 22 June 2015

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hosted by UNEP

# A Partnership: 104 Partners globally.

13 IGOs

45 NGOs

47

governments

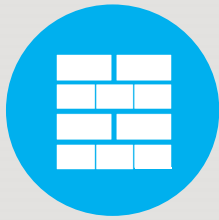
\*April 2015



# ... taking action through 7 sectoral & 4 cross-cutting initiatives...



AGRICULTURE



BRICKS



COOKSTOVES



DIESEL



OIL & GAS



HFCs



WASTE



ASSESSMENTS



FINANCE



SNAP

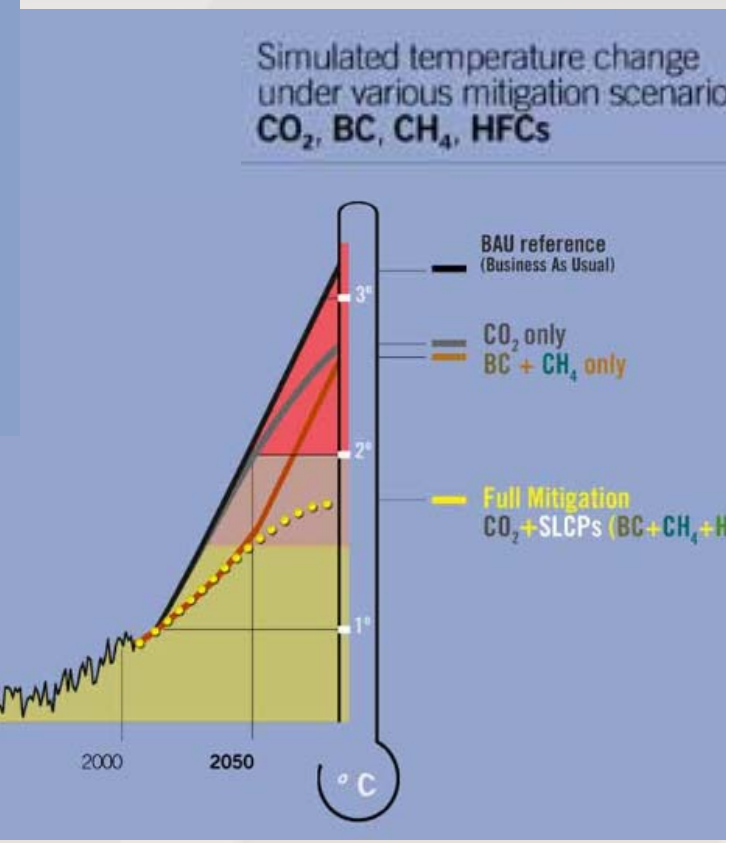


URBAN  
HEALTH



# ... to reduce SLCPs and achieve multiple benefits

Short-lived Climate Pollutants	ANTHROPOGENIC SOURCES	LIFETIME IN ATMOSPHERE
Near term response to mitigation		
<b>Black Carbon (BC)</b>		Days
<b>Methane (CH<sub>4</sub>)</b>		12 years
<b>Tropospheric Ozone (O<sub>3</sub>)</b>		Weeks
<b>Hydrofluorocarbons (HFCs)</b>		15 years (Weighted by usage)



**2.4 m**  
death avoided annually

**52 m**  
tonnes of crop losses avoided

**0.6 °C**  
avoided warming



BLACK CARBON EMISSIONS FROM

# BRICKS PRODUCTION

# Example: CCAC Brick Production Initiative

## Why



- Brick kilns contribute to 20% of total world-wide black carbon emissions - one of the largest stationary sources of BC
  - South Asia's brick sector emits 120,000 t/year of BC emissions
  - Latin America's brick sector emits 22,700 t/year of BC emissions
- Potential to reduce emissions by 10-50% by implementing more efficient technologies
- Significant co-benefits, including health, poverty reduction and improved job conditions

## What

- Brick Kiln Operations (Practices, Technologies)
- Brick design
- Alternative building materials



# Key Challenges

- Lack of information of available and profitable low-emission technology
- Low entrepreneurial know-how, cost calculation, marketing, etc.
- Often informal structure
- Sector is often underneath the radar of public officials
- Lack of knowledge of the impact in health and climate, and costs related to these impacts
- Few or no regulations or lack of enforcement of laws (emissions, land use, product quality, labor, child labor, health standards, etc.)
- Lack of incentives to induce change (producers)
- Insufficient access to finance/credits



# Initiative Partners

- Lead Partners

- Partners, Actors, Implementers



Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra



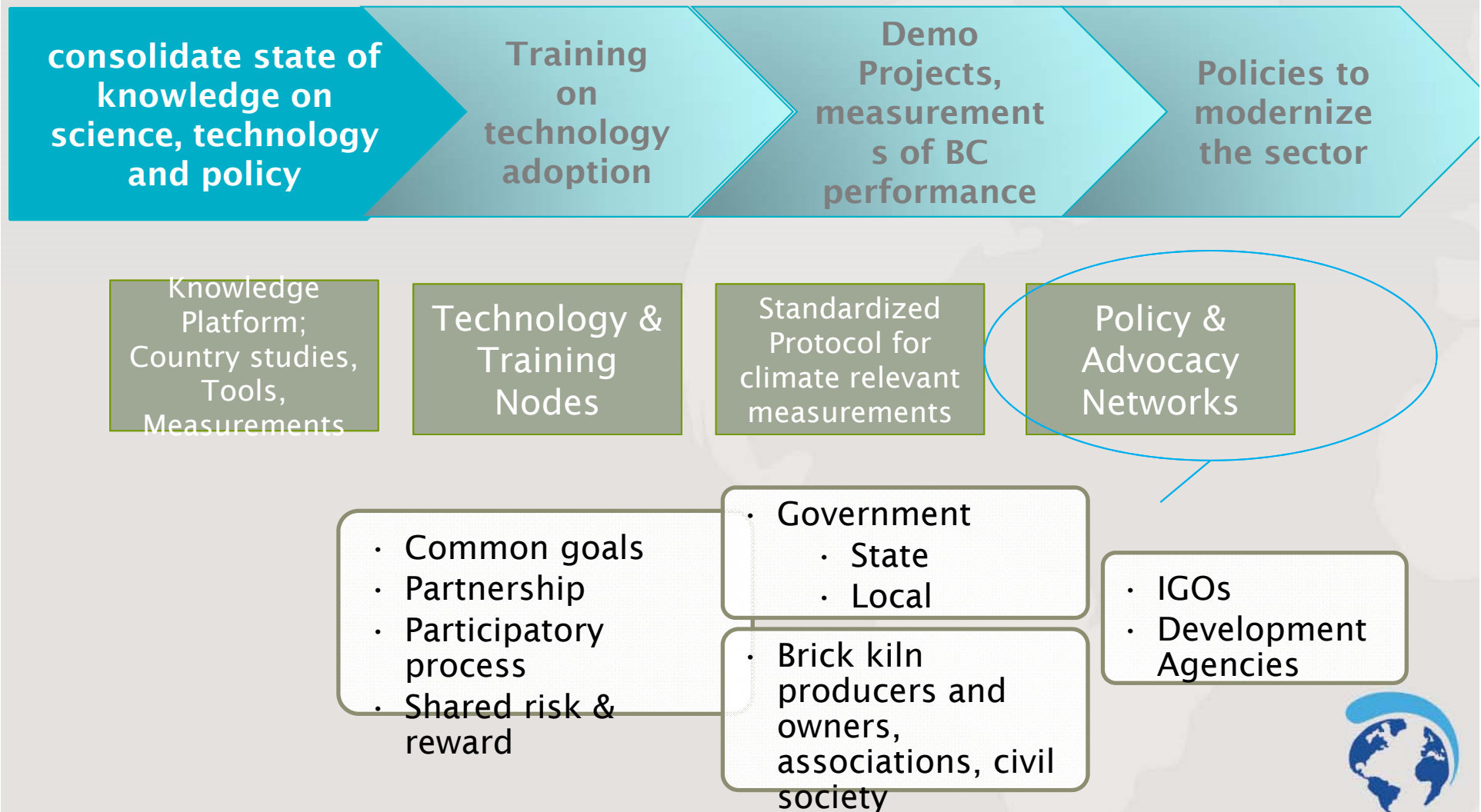
**MinAmbiente**  
Ministerio de Ambiente  
y Desarrollo Sostenible





# Partnership approach

to achieving structural transformation of the Brick Sector and SLCP reductions



# Strengths

- Multi-stakeholder, partner-led
- Science-based
- Multiple benefits
  
- Leveraging high-level political will
- Implementing fast action, focusing on a manageable number of areas
  - (16 high impact measures)
- Drawing on a to date 60 million USD Trust Fund to catalyse action
  
- Near-term climate mitigation and complementarity to long-term climate mitigation;
- LPAA and INDCs
- Contribution to SDGs

