

The background of the slide is a photograph of numerous blue metal drums, likely for industrial liquids or gases, stacked in rows. The drums are slightly out of focus, creating a sense of depth. The text is overlaid on this background in a white, bold, sans-serif font.

RCC Kampala: An introduction

CDM Experience: The story so far

**The future of CDM I: Options for
Scaling Up, Standardized
Baselines, PoAs etc.**

**The future of CDM II: Climate
Financing initiatives for the CDM
Discussion**

CDM Experience: The story so far

National Workshop on Clean Development Mechanism (CDM) as Global mitigation tool

09 -10 March 2015

Lilongwe, Malawi

Tim Cowman & Brenda Rwamahe

UNFCCC Regional Centre Kampala





Background

Project Cycle

Achievements

Main features

193 Parties (192 countries + EU), Commitment period: 2008 – 2012

- Legally binding **targets for emissions** of greenhouse gases in **industrialized** countries during first commitment period
- Industrialized countries referred to as Annex I Parties
- At the end of 2012: **reduction of about 5%**
- Defined international **market-based instruments** creating a new commodity - carbon emissions trading through the CDM
- Second commitment Period 2012-2015



The Kyoto Protocol

- **Legally binding targets** for emissions of six major greenhouse gases in industrialized countries during first commitment period
- New **international market-based mechanisms**, creating a new commodity: carbon
- Facilitate **sustainable development**



Market based Mechanisms



The CAP –
Legally binding targets
for emissions of
greenhouse gases –
Allowances

- **Emission Trading (ET):**
exchanging emission allowances among Kyoto Protocol Parties
- **Clean Development Mechanism (CDM):** credits for emissions reduced/avoided through sustainable development projects in developing countries (non-Annex I countries)
- **Joint Implementation (JI):**
credits for emissions avoided through projects in Annex I countries



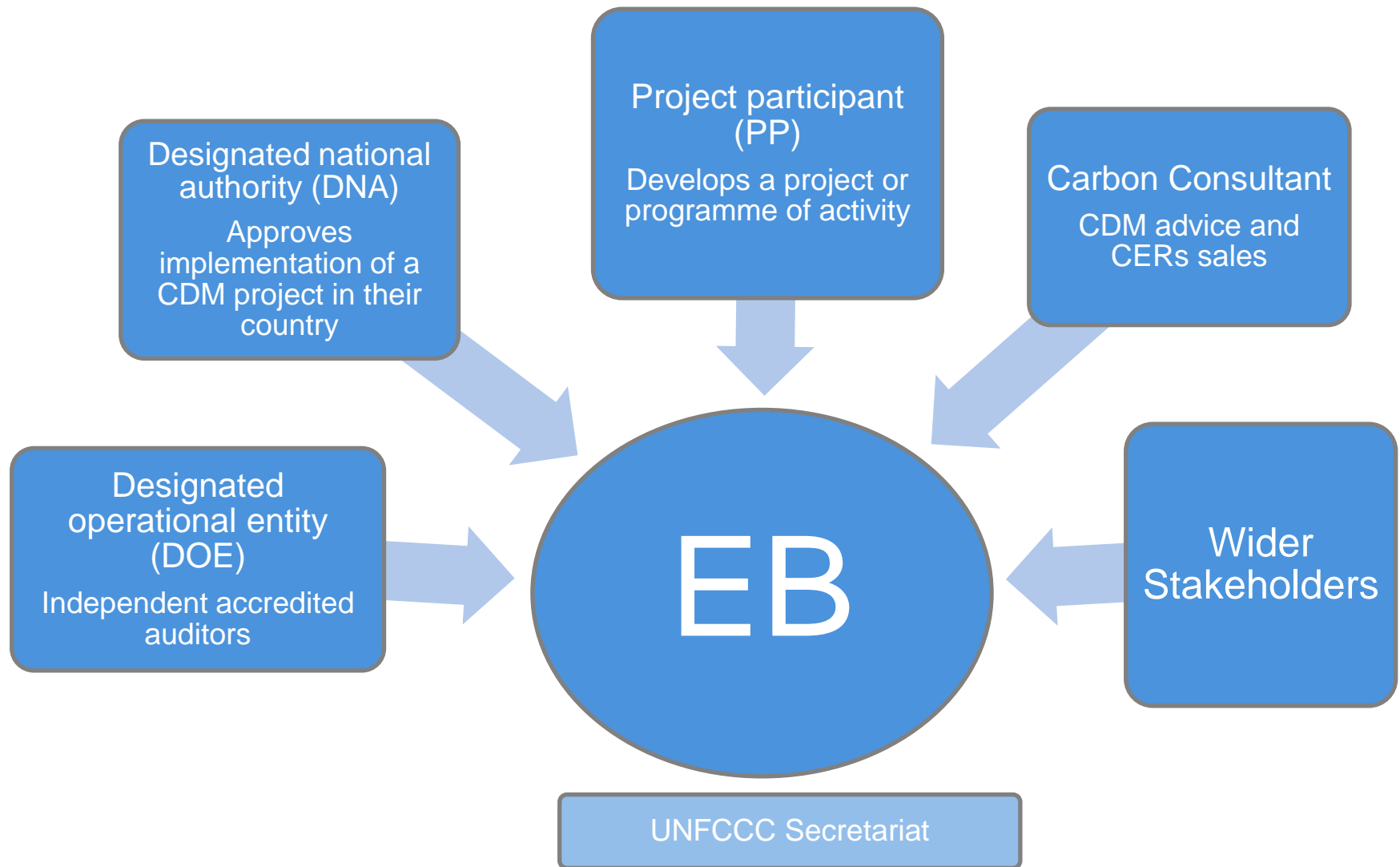


Background

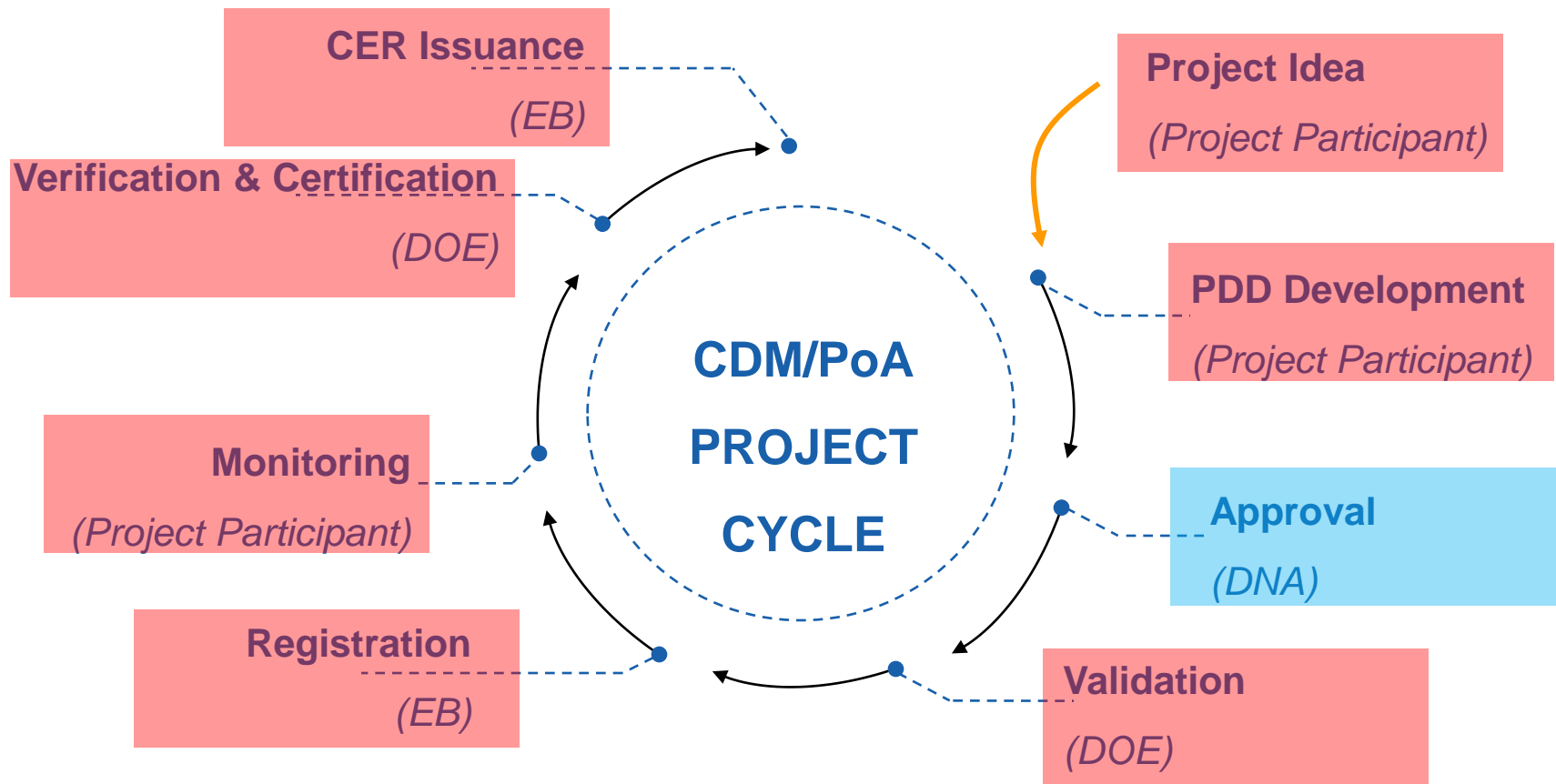
Project Cycle

Achievements

Who is involved in the Project Cycle?



CDM project cycle





Background

Project Cycle

Achievements

Background

- The CDM was established as a “flexible mechanism” by the Kyoto Protocol, to help ANNEX I Parties to meet their **emission reduction commitments**, while bringing **sustainable development benefits** to the CDM host countries.
- It was the first undertaking of its kind in the world. The first truly global mechanism in a new carbon market.



Source:
<http://serendip.brynmawr.edu/exchange/node/1>
1993

*Very complex and
very important for
all stakeholders!!*

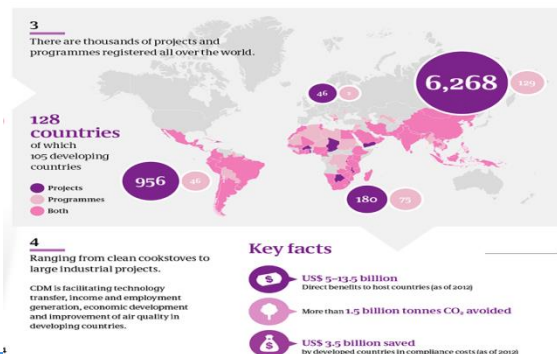
- No experience existed on the ground, no trail to follow, no manual.
 - ❑ Additional (would not happen without CDM incentive)
 - ❑ Environmental integrity (reductions are real)



**Complexity was
inevitable at start**

Achievements of the CDM

- During its 10-year history, a first-of-its-kind approach to climate change mitigation under administration of the United Nations, CDM has been able to:
 - ✓ Develop **200+ methodologies** in 25 different sectors
 - ✓ Establish **125+ Designated National Authorities**
 - ✓ Accredit **40+ validators/verifiers** (Designated Operational Entities)
 - ✓ Involve **4,500+ institutions** in CDM projects
 - ✓ Establish **four Regional Collaboration Centres** (Africa, Latin America, and the Caribbean)
 - ✓ Develop **countless CDM development experts** worldwide
 - ✓ Develop an **experienced secretariat**



- ✓ Over **7,500 registered projects**
- ✓ **1.5 billion CERs** issued
- ✓ Approximately **US\$215 billion investment**
- ✓ **US\$190 million** contribution Adaptation Fund



PROJECTS ON THE GROUND – What do they look like?

Emission reduction projects in **developing countries**

Project activities generate **CERs**

CERs are traded to help Annex I Parties meet their Kyoto Protocol emission reduction goals

Assist host country in Sustainable development



Landfill Gas Collection



Bagasse Cogeneration Power Projects



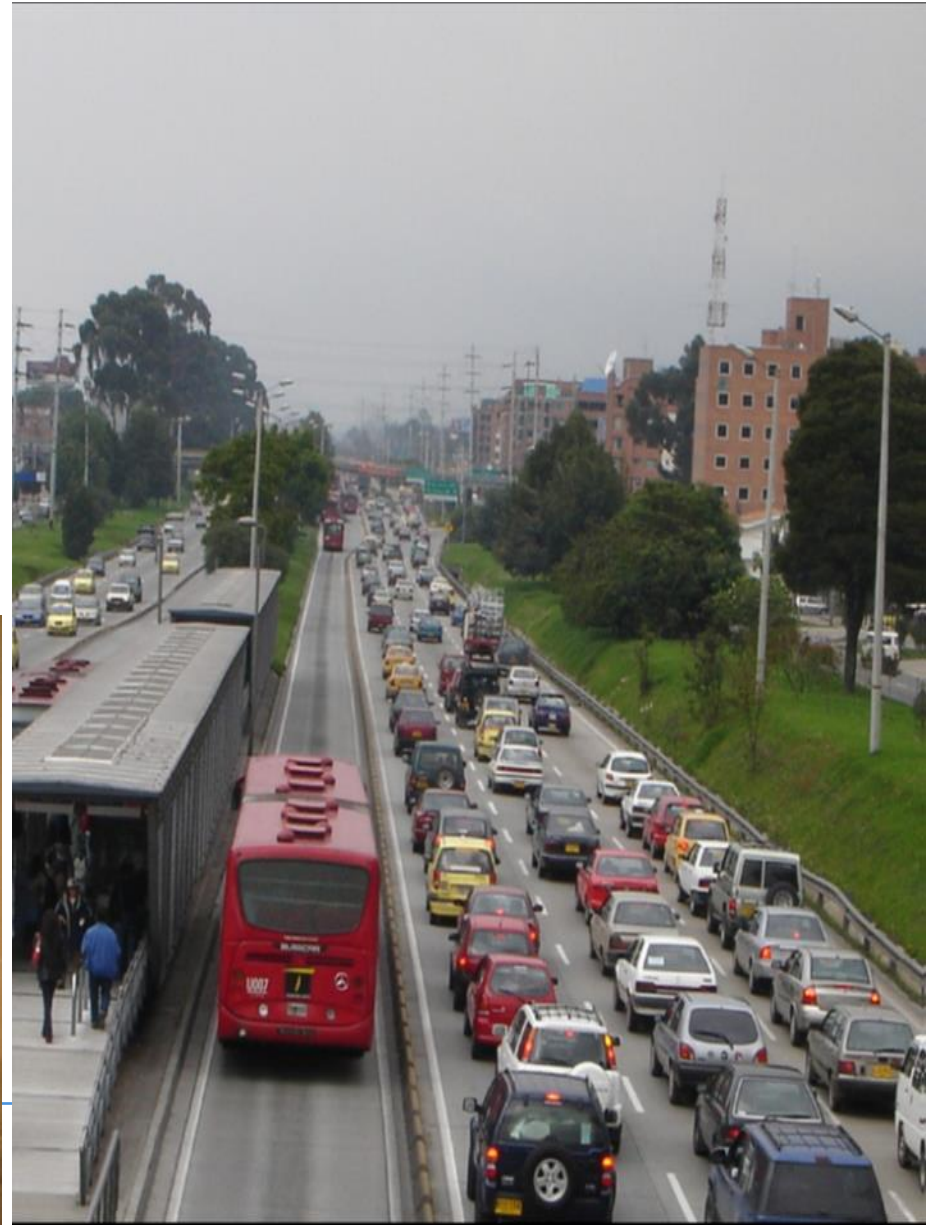
Energy Efficient Cookstoves



PROJECTS ON THE GROUND – What do they look like?



PROJECTS ON THE GROUND – What do they look like?



Thank you for your attention



CDM Regional Collaboration Centre

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and the East African Development Bank

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Achievements of the CDM

- It has also:
 - Built capacity of developing country authorities, some of which are now pursuing their own mechanisms based on experienced gained with CDM
 - Developed the interest of the private sector, mobilizing a very significant investment (US\$150 billion at least, with potential for more)
 - Demonstrated that global approaches to mitigation CAN work
 - Contributed to adaptation through the Adaptation Fund

CDM has delivered offsets, but also capacity, know-how, finance, adaptation funding and sustainable development co-benefits



Achievements of the CDM

- But the CDM has even gone beyond that. It has:
 - Identified and initially addressed the **low hanging fruits** for mitigation, indicating a **clear way to get started and to continue** developing mitigation
 - **Developed capacity** to identify and develop those mitigation opportunities worldwide, and in the developing world in particular
 - **Placed climate change mitigation in the agenda** of developing countries, by requiring the establishment of DNAs with LoA procedures, etc.

