

Increasing Africa's Participation in Clean Development Mechanism

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Outline

1. CDM overview
2. Africa's participation
3. Why such a low participation?
4. Increasing participation
5. Role of IA professionals



Background: Kyoto Protocol, 1997.

- 5% Reduction of GHG emission in 2012 compared to 1990 levels by Annex 1 countries.



- **Flexible mechanisms:**
- Emission trading
- Joint Implementation: between annex 1 countries
- Clean Development Mechanism: between annex 1 and non-annex 1 countries

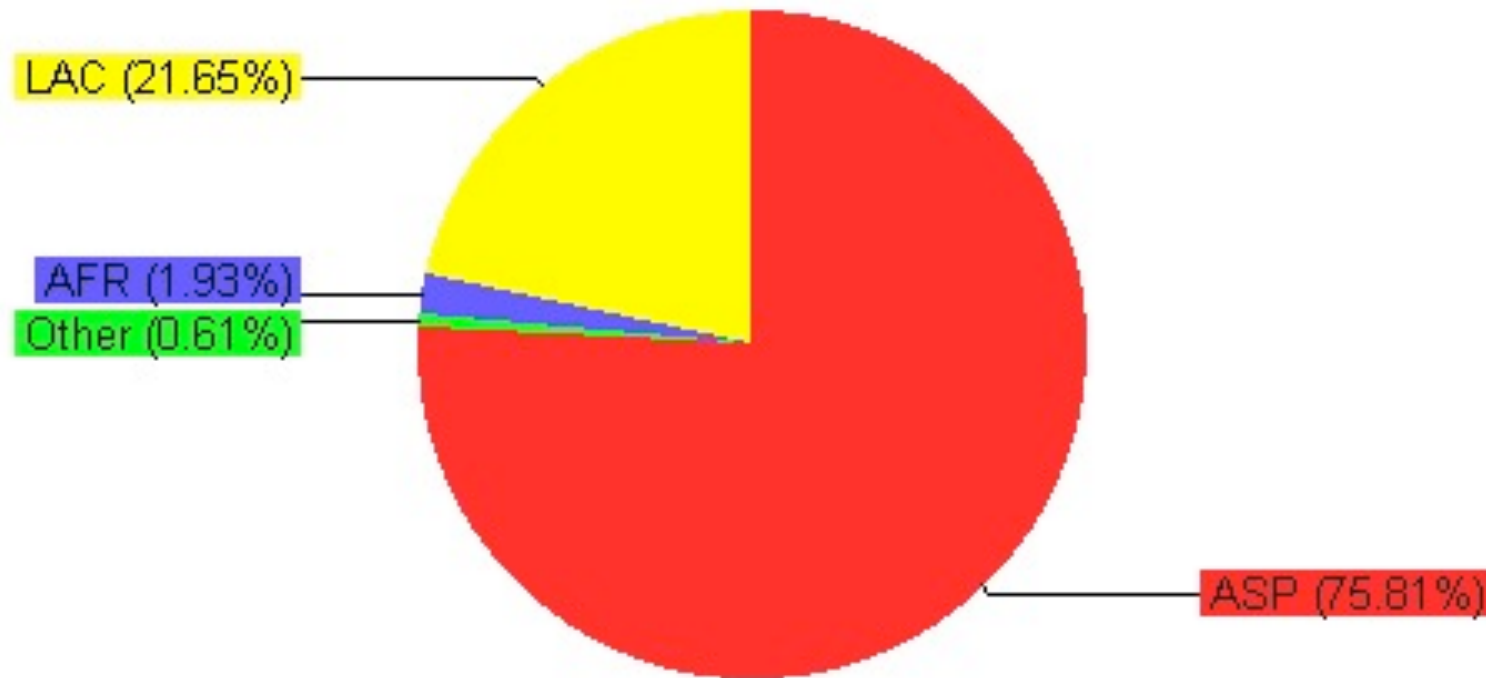
Clean Development Mechanism

- Projects are aimed at reducing GHG emission.
- Implemented in Non-annex 1 countries.
- Contributes to sustainable development in host countries.
- CERs can be used to meet GHG reduction commitment in annex 1 countries.
- Potential to contribute towards transition to green economy.



Africa's Participation in CDM

Registered projects by region. Total 2129



<http://cdm.unfccc.int> (c) 08.04.2010 14:54

ASP: Asia and South Pacific, LAC: Latin America and the Caribbean, AFR: Africa

CDM Project Categories

- Energy
- Waste
- Industries
- Fugitive emission
- Agriculture
- Transport

Why the Poor Participation?

1. Lack of adequate awareness
2. Non availability of critical resource persons (e.g. DOE)
3. Cost of processing CDM applications
4. Policy uncertainty and shifts (e.g. Kyoto Protocol runs out in 2012, no binding agreement at Copenhagen)



List of DOE

- JACO CDM., LTD (JACO)
- Japan Quality Assurance Organisation (JQA)
- Det Norske Veritas Certification AS (DNV)
- Deloitte Tohmatsu Evaluation and Certification Organization Co., Ltd. (TECO) (Deloitte-TECO)
- Japan Consulting Institute (JCI)
- Bureau Veritas Certification Holding SAS (BVCH)
- SGS United Kingdom Ltd. (SGS)
- Korea Energy Management Corporation (KEMCO)
- TÜV Rheinland Japan Ltd. (Formerly TUV Industrie Service GmbH – TUV Rheinland Group) (TUEV Rheinland)
- China Environmental United Certification Center Co., Ltd. (CEC)
- RINA S.p.A. (RINA)
- SIRIM QAS INTERNATIONAL SDN.BHD (SIRIM)
- Ernst & Young Associés (France) (EYG)

List of DOEs

- ERM Certification and Verification Services Ltd. (ERM CVS)
- Spanish Association for Standardisation and Certification (AENOR)
- TÜV NORD CERT GmbH (Former RWTÜV Systems GmbH) (TÜV Nord)
- Lloyd's Register Quality Assurance Ltd. (LRQA)
- Colombian Institute for Technical Standards and Certification (ICONTEC)
- Korean Foundation for Quality (KFQ)
- Swiss Association for Quality and Management Systems (SQS)
- Korean Standards Association (KSA)
- Environmental Management Corp. (EMC)
- Japan Management Association (JMA)
- Germanischer Lloyd Certification GmbH (GLC)
- China Quality Certification Center (CQC)

Increasing Africa's Participation

- Targeted awareness and capacity building programmes on CDM (e.g. focus critical professional bodies, e.g. IA practitioners, engineering association, etc).
- Simplification of bureaucratic application process which may also lead to cost reduction.
- Development of relevant organizations in Africa to act as DOEs or zoning of DOEs into regions.
- Fast tracking the development of a binding protocol that would replace Kyoto CDM (Mexico Treaty?)

Role of IA Professionals

- Advocacy for a binding agreement
- Assessment of projects on their suitability as CDM projects.
- Improving environmental integrity of CDM project
- Establishment of DOEs



Conclusions

- Implementation of CDM projects can contribute towards greening of African resource-base economy
- Green economy can help mitigate climate change which is already having deleterious impacts in Africa.



Thank you,

CDM project activity cycle

