

Concept of Technical Areas and Related Competencies for Validation and Verification

CDM-EB 55

Bonn, 26-30 July 2010



Background

- ❑ The Board at its fifty-second meeting requested the CDM Accreditation Panel (CDM-AP), supported by the secretariat, to undertake a through analysis with regard to competence requirements for different functions of validations and verifications, methodologies and projects, including the definition of technical areas and appropriate deployment of technical expertise
- ❑ The CDM-AP has developed this information note based on the above request and now seeks Board's further guidance on the concept, which will provide a basis for the revision of the sections in the CDM Accreditation Standard, especially those related to competence requirements for the functions of validation and verification



CDM-AP meetings and Stakeholder Inputs

- ❑ The Information Note was developed over forty-eighth and forty-ninth meetings of the CDM-AP
- ❑ The AP-49 finalized note was presented for stakeholder consultation so as to receive their opinions/inputs, held on 5 July
- ❑ CDM-AP deliberated and considered all inputs from the workshop at its extraordinary meeting, held on 6 July, to finalize its presentation to EB-55



Objective, Definitions and Approach

- ❑ The objective of the note is to:
 - a) Define the concept of technical areas;
 - b) Explain the approach used to identify technical areas;
 - c) Identify specific competence requirements in respect to each of these technical areas

- ❑ Note has defined **technical areas** and also differentiated between technical areas and **complex technical areas**
 - o Complex technical areas require stricter competence requirements to qualify

- ❑ Technical areas are associated with each of the 15 CDM sectoral scopes



Objective, Definitions and Approach

Technical area - defined

- ❑ Technical Area within a CDM sectoral scope is a sub-sector or a group of sub-sectors defined based on the difference or similarities in technical processes, methodologies, monitoring requirements and environmental impacts that lead to specific competence requirements to undertake validation and/or verification activities
- ❑ An example for technical areas within CDM sectoral scope 1 is presented below:

(SS 1) Energy industries (renewable/non-renewable sources) has been divided into the relevant technical areas within the sectoral scopes of:

TA 1.1: Thermal energy generation from fossil fuels; and

TA 1.2: Energy generation from renewable energy sources.



Objective, Definitions and Approach

- ❑ Competence requirements within each technical area are defined
- ❑ Competence requirements are a combination of:
 - (1) Education and knowledge background
 - (2) Experience
 - **2(a)**: Direct work experience in the field
 - **2(b)**: Related work experience in project management or consultancy
 - **2(c)**: successful validation/verification experience
 - (3) Training
- ❑ Work experience in the field is mandatory for successful qualification to complex technical areas



Next Steps

- ❑ Work on the revision of the CDM Accreditation Standard, based on the concepts drawn from the Information Note, will be presented at EB-56
- ❑ The Information Note will provide a basis for the revision of relevant sections of the CDM Accreditation Standard

