

Objectives of the workshop in the context of RAPIDC

PROGRAMME ON RAPIDC

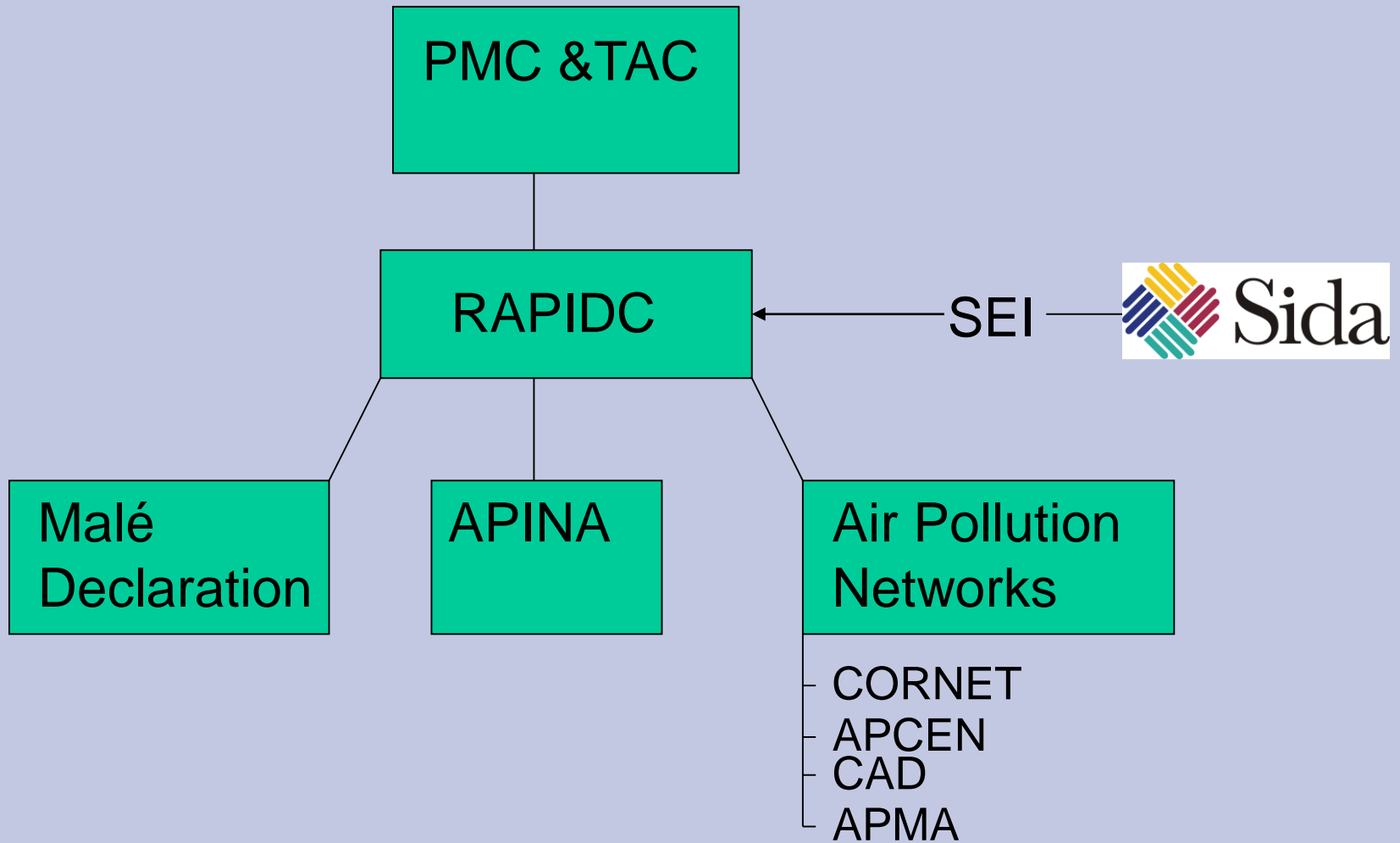
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RAPIDC Structure



RAPIDC Air Pollution Networks

APMA – Air Pollution in the Mega Cities of Asia

APCEN – Air Pollution Crop Effects Network

CAD – Composition of Asian Deposition

CORNET – Corrosion Network

History of CORNET

- 2000 Report on Acid deposition effects on materials in subtropical and tropical climates by the Swedish Corrosion Institute for the Stockholm Environment Institute
- 2001 Start of 1st phase of RAPIDC/Corrosion
- 2002 Start of exposure at sites in Asia and Africa
- 2004 Workshop on Rapid Urban Assessment, Health Impacts and Corrosion studies, March 8-10, 2004, New Delhi, India
- 2005 Start of 2nd phase of RAPIDC/Corrosion. Naming of CORNET (Corrosion Network).
- 2006 Workshop on sample evaluation and 1st meeting of the CORNET Task Force, October 9-11, Bangkok, Thailand. Start of exposure at new sites in Asia and Africa

Participants of this workshop

- Three categories with different experiences can be identified
 1. CORNET members with start of exposure at sites in Asia and Africa in 2002
 2. CORNET members with start of exposure at sites in Asia and Africa in 2006
 3. Potential CORNET members

Objectives for experienced CORNET members

- Provide an overview of the field of atmospheric corrosion including fundamental principles, practical aspects, calculation of costs and standardisation
- Review important points on on how to expose corrosion samples
- Provide knowledge on how to evaluate samples for corrosion attack to prepare for the evaluation starting after the workshop
- Provide an overview of the methods for corrosion testing including visit to a corrosion laboratory

Objectives for new CORNET members

- Provide an overview of the field of atmospheric corrosion including fundamental principles, practical aspects, calculation of costs and standardisation
- Provide knowledge on important points on on how to expose corrosion samples to prepare for the start of exposure after the workshop
- Provide an overview on how to evaluate samples for corrosion attack
- Provide an overview of the methods for corrosion testing including visit to a corrosion laboratory

Objectives for potential CORNET members

- Provide an overview of the field of atmospheric corrosion including fundamental principles, practical aspects, calculation of costs and standardisation
- Provide an overview on important points on on how to expose corrosion samples
- Provide an overview on how to evaluate samples for corrosion attack
- Provide an overview of the methods for corrosion testing including visit to a corrosion laboratory

Objectives of the 1st meeting of the CORNET Task Force

- Discussion of the present results and trend analysis
- Discussion on exposure at new test sites
- Information about the new study in Katmandu, Nepal on rapid assessment and cost evaluation
- Future activities including possibilities for new exposure sites and new CORNET members

Programme for the rest of the morning

- Presentation of the Corrosion and Metals Research Institute in Sweden followed by round the table short presentations of all participants
- Practical aspects of atmospheric corrosion: Trends, experiences from Europe, experiences from Asia/Africa. Policy aspects, costs, *Vladimir Kucera* (KIMAB)
- Short break (20 minutes)
- Overview of the RAPIDC Programme and description of RAPIDC/Corrosion, *Johan Tidblad* (KIMAB)
- Outline of the programme for the remaining part of the workshop and overview of standardisation in atmospheric corrosion, *Vladimir Kucera* (KIMAB)
- If time allows...Field exposure of metals, *Johan Tidblad* (KIMAB)