

# A CDM Methodological Update

Latin American Carbon Forum  
Sheraton Hotel  
Santiago, Chile

Grant A. Kirkman  
Manager (OIC) Methodologies Unit  
UNFCCC secretariat



United Nations Framework Convention on Climate Change



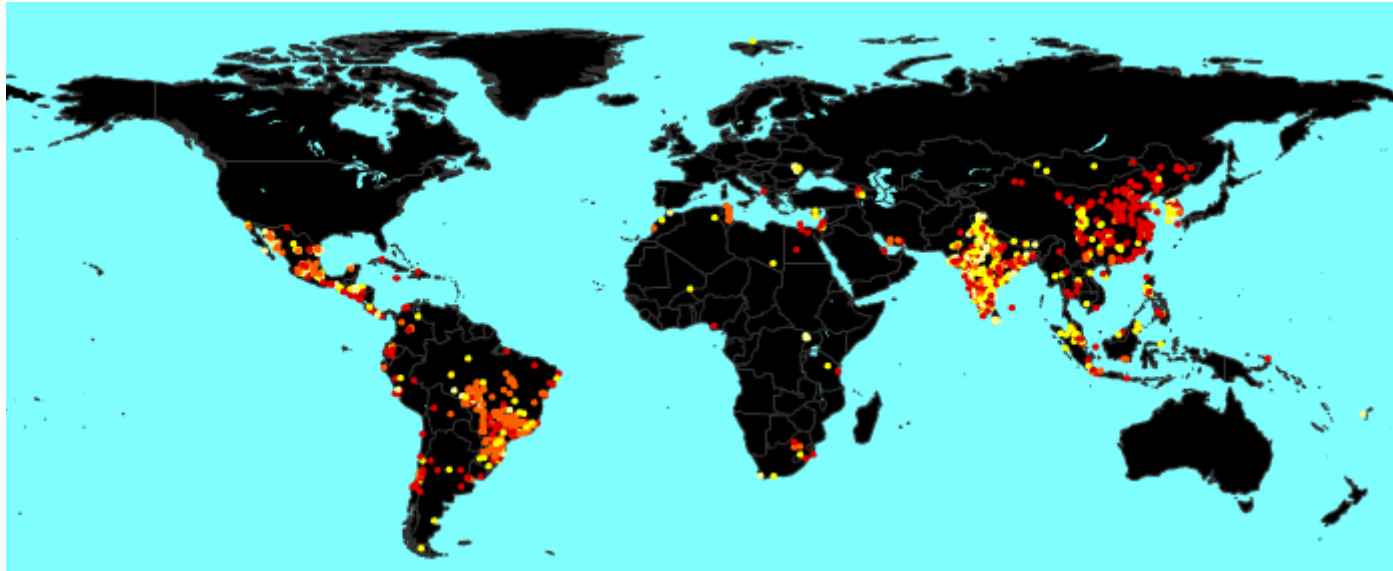
- Status of CDM projects
- Basic of CDM regulatory bodies
- Methodology approval process
- Numbers of methodologies
- Status of methodological work
- Areas already improved & improvements

# Geography of the | CDM

1,191 registered CDM projects

1.33 billion CERs expected from existing registered projects to the end of 2012

49 countries



(assumption: no extension of crediting periods)

Map and statistics accessible at <http://cdm.unfccc.int/>



# CDM growth 2007 - 2008 | Pipeline (number projects / CER delivery potential by 2012)

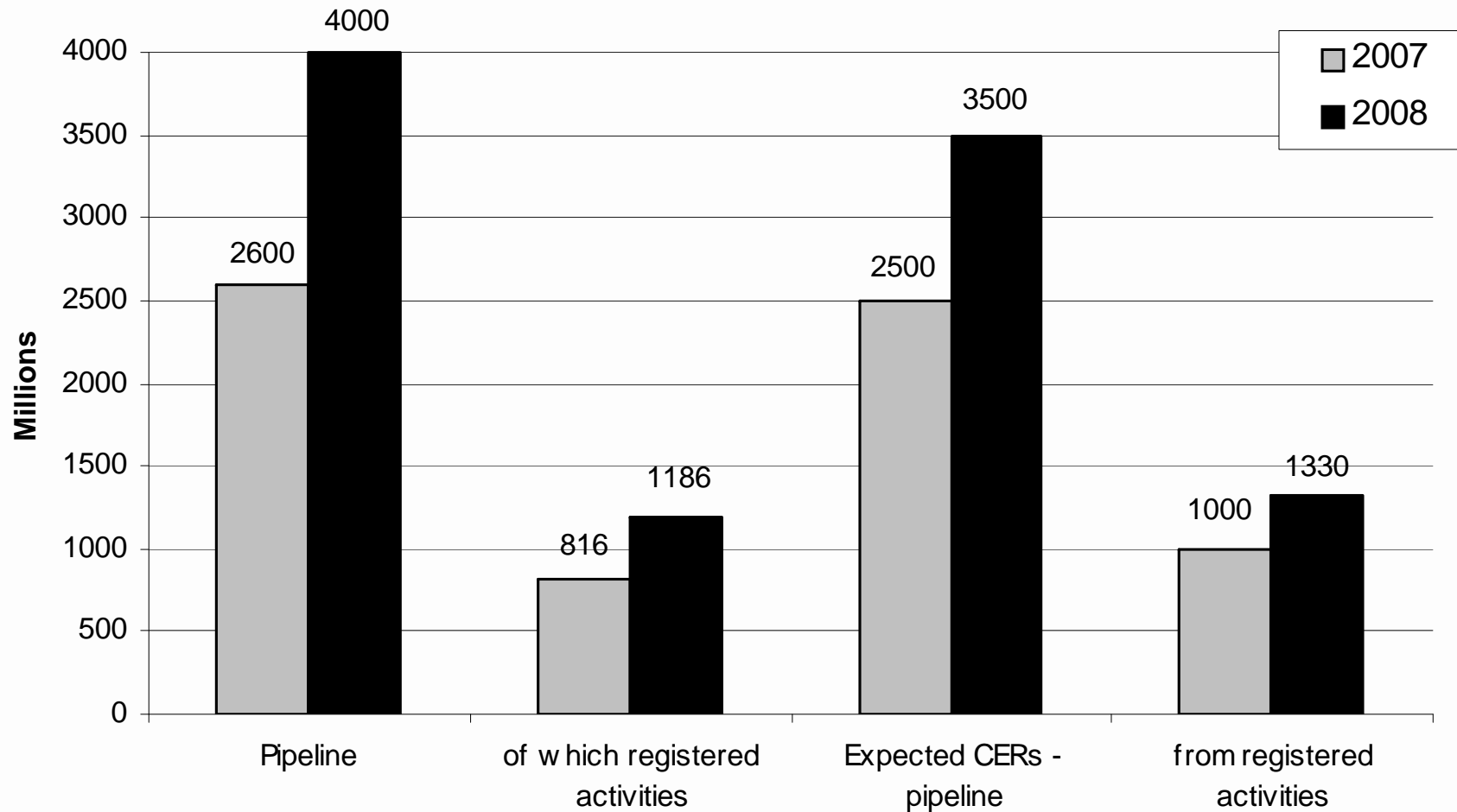
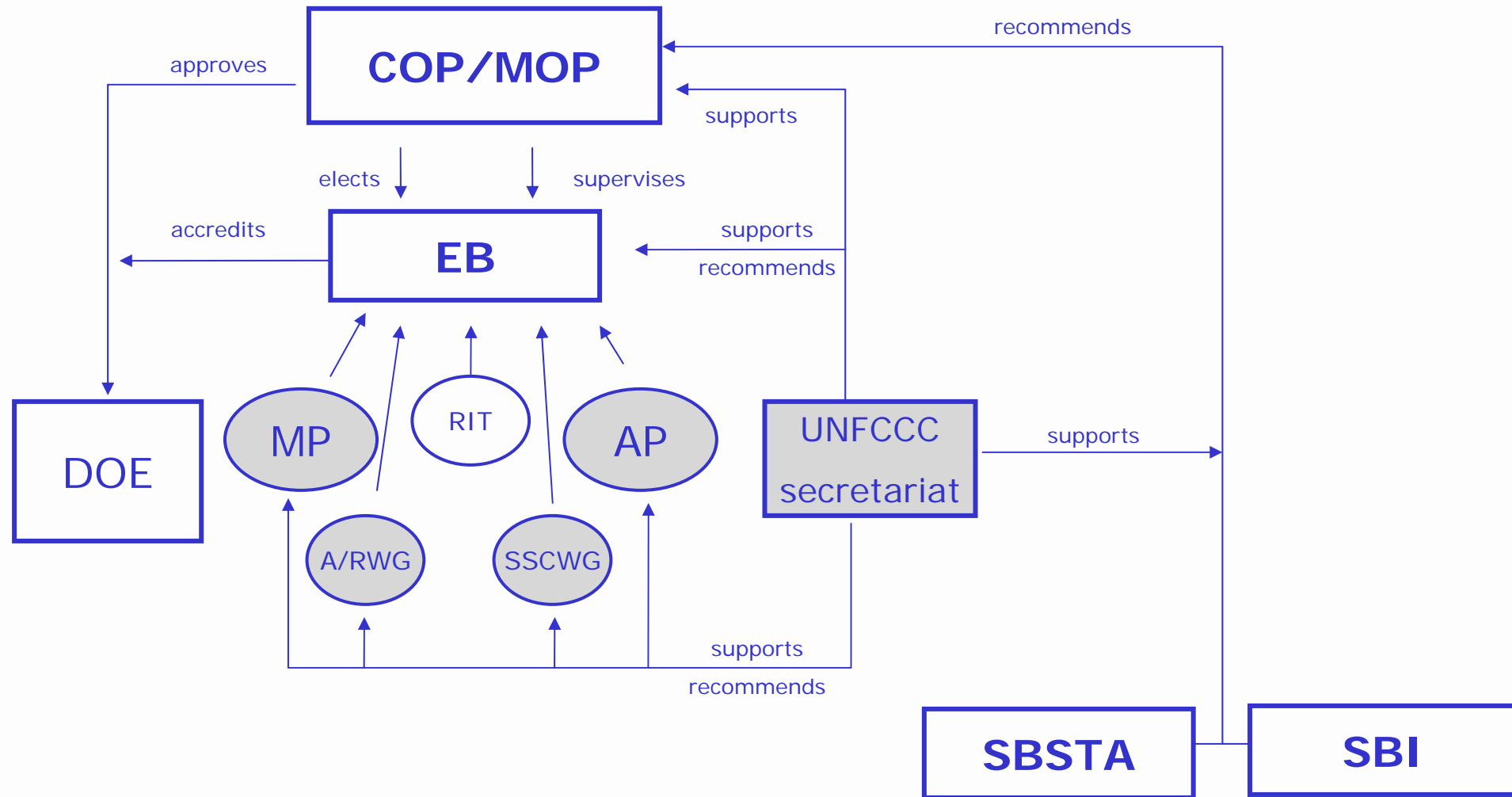


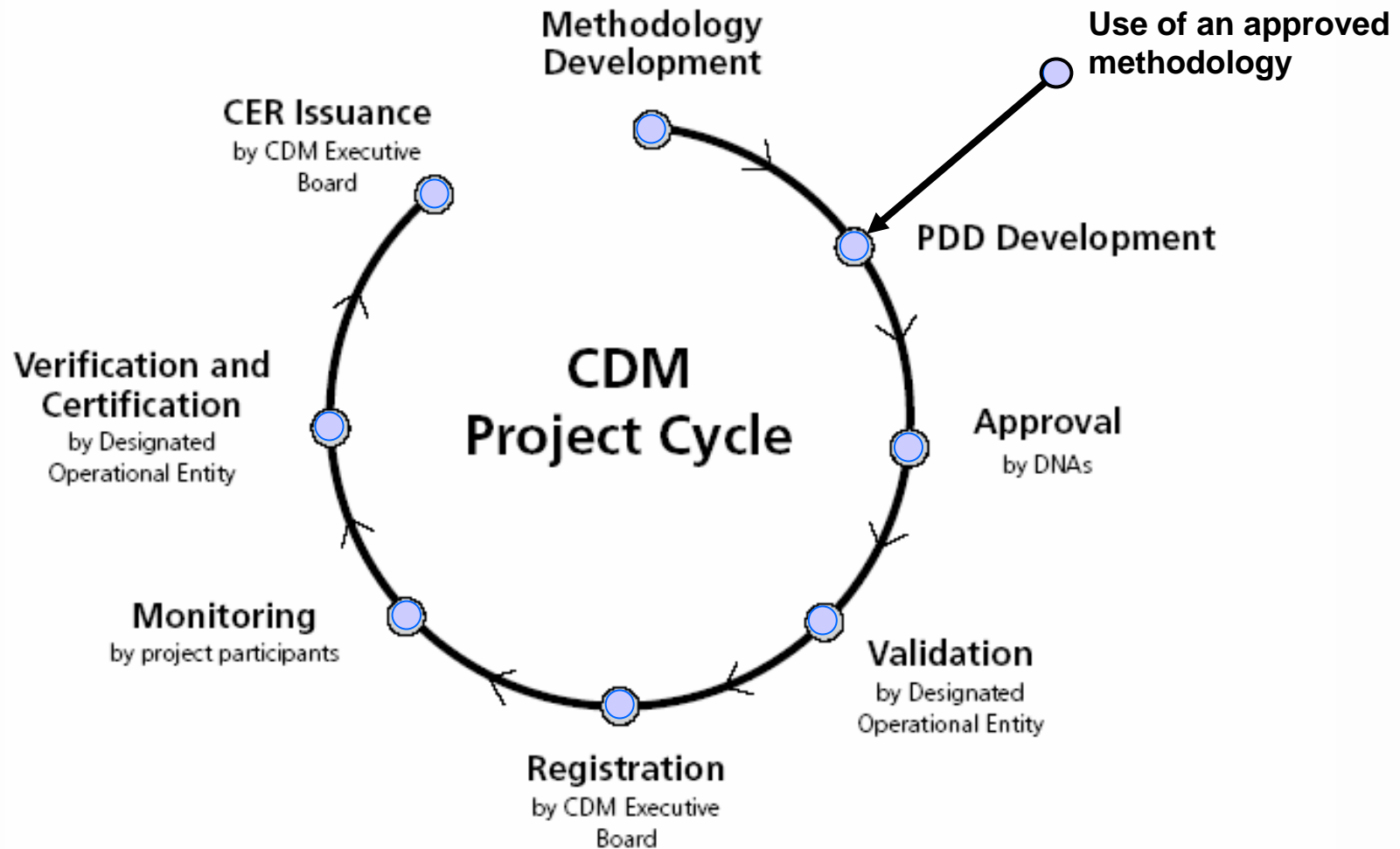
Figure based on forecasted delivery expectations indicated by project participants in the project design document. Information is provided by other institutes such as the UNEP Risoe Centre ([www.cdmpipeline.org](http://www.cdmpipeline.org)) & Institute for Global Environmental Strategies – IGES, Japan using direct data streaming from CDM UNFCCC information system.



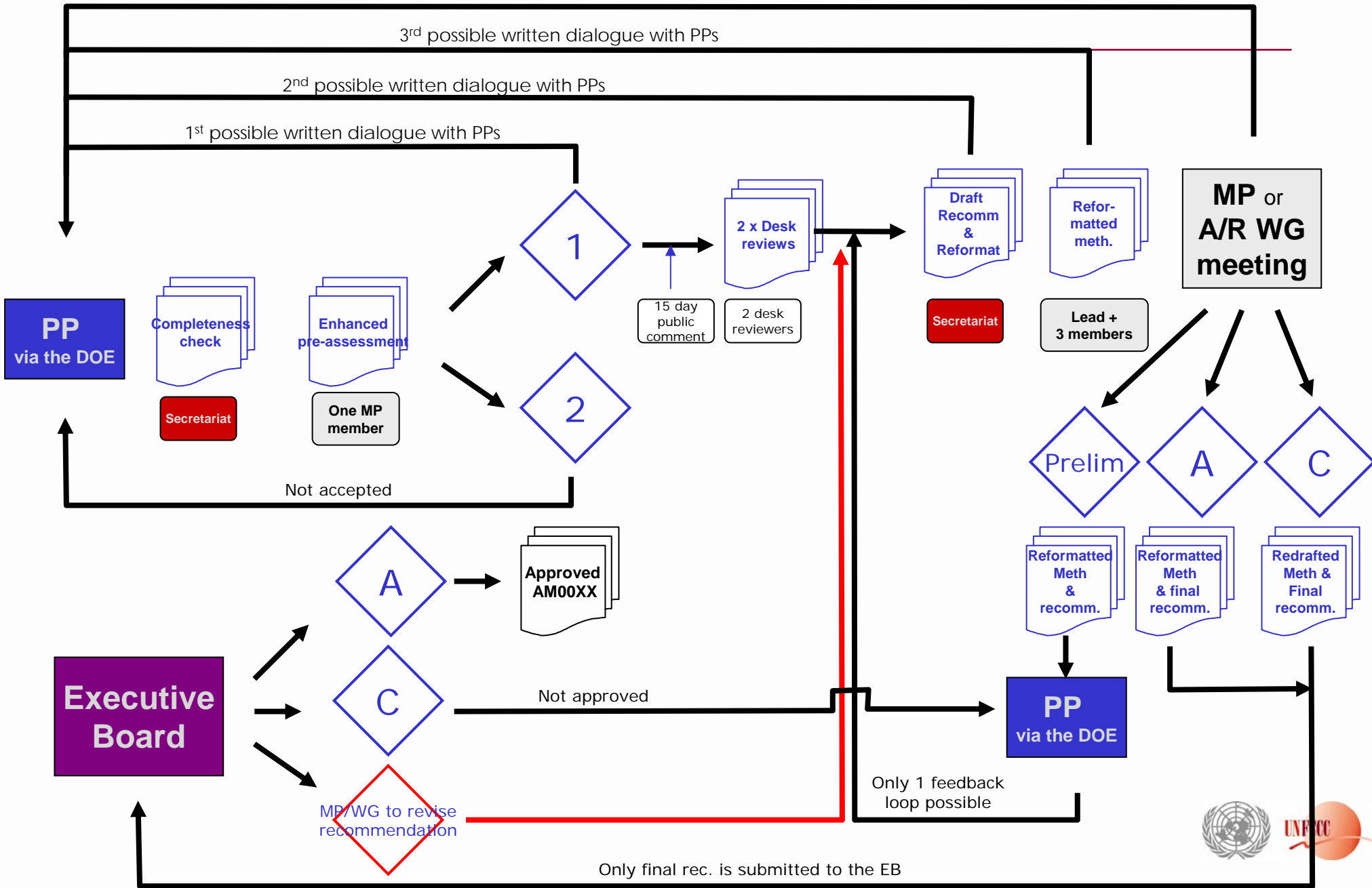
# CDM Regulatory Bodies | the basics



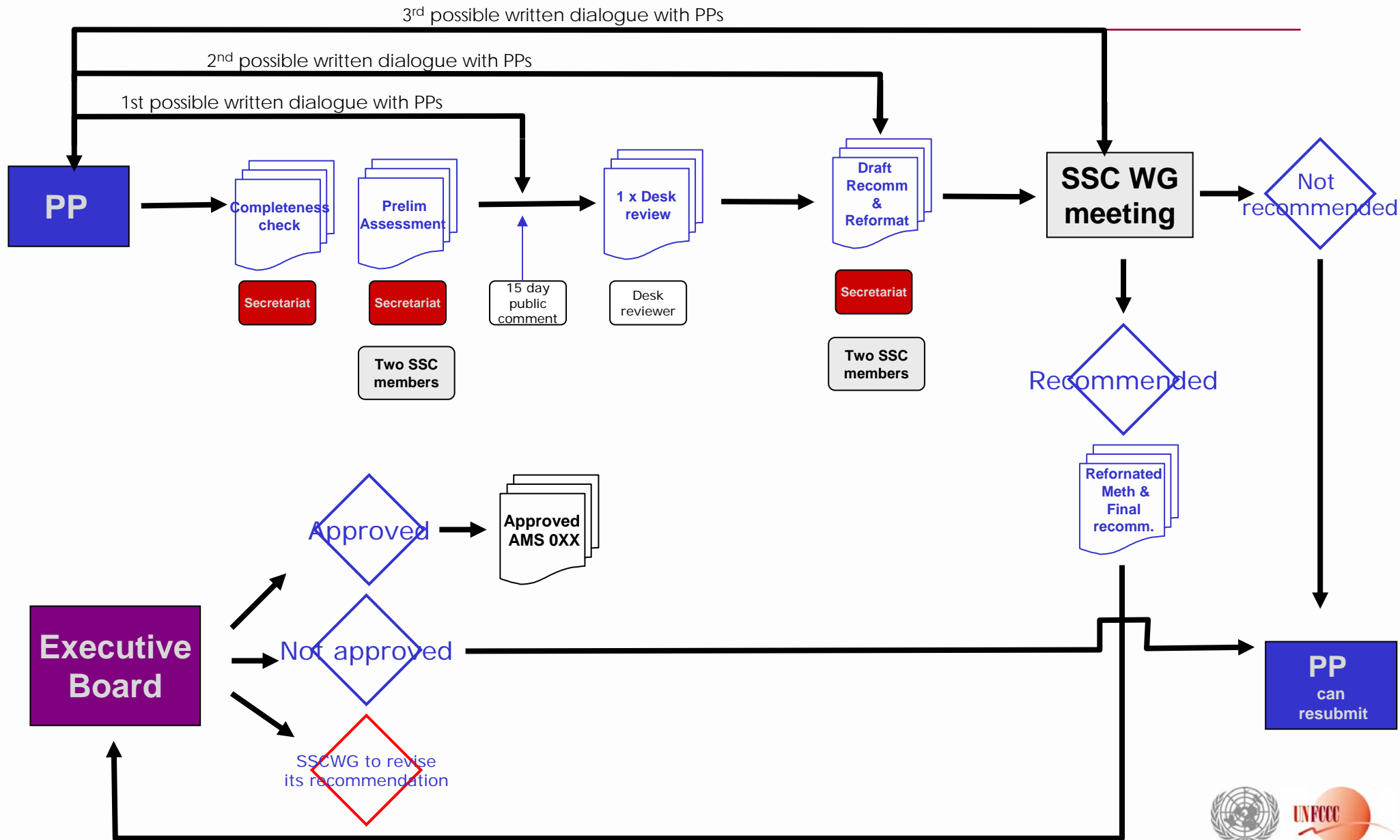
# CDM Project Cycle | flow



# LS methodology | large scale flow



# SSC methodology | small scale flow



# Status of CDM | Methodologies & Tools

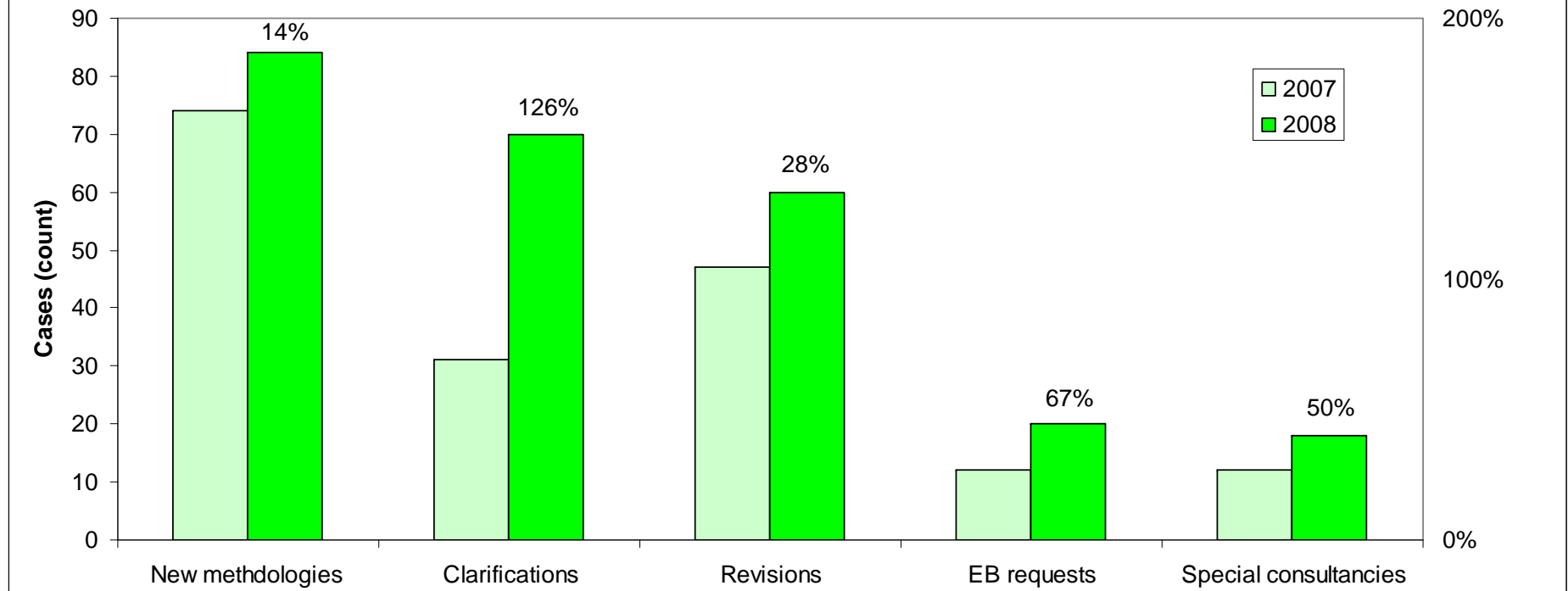
Approved CDM Methodologies & Tools	Total up to end 2006	Total up to end 2007	Total up to Oct 2008
<b>Total methodologies</b> (AM, AMS, ACM, A/R & SSC A/R)	<b>68</b>	<b>108</b>	<b>121</b>
non-A/R methodologies	43	62	70
<b>Total methodological tools (non-A/R &amp; A/R)</b>	<b>1 + 1</b>	<b>6 + 8</b>	<b>7 + 13</b>
used in L/S methodologies	50% of all	75% of all	93% of all
used in SSC methodologies	0%	40% of all	70% of all
<b>Total A/R methodologies (LS &amp; SSC-A/R)</b>	<b>5</b>	<b>13</b>	<b>13</b>
<b>Total SSC non-A/R methodologies</b>	<b>20</b>	<b>32</b>	<b>38</b>

# Some of the guidance in 2008 | Methodologies

---

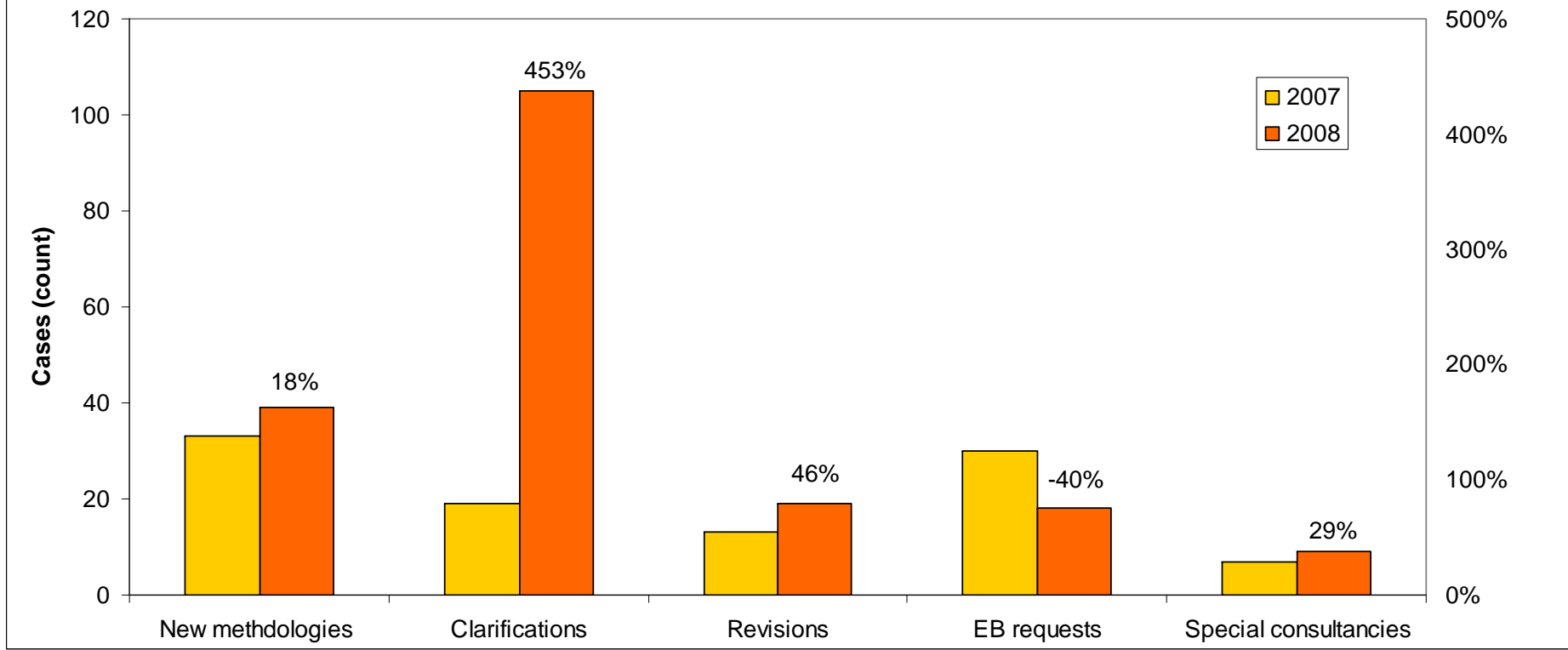
- Substitution, recycling, recovery and destruction of SF 6
- That fluoroketones, used as a cover gas in CDM project activities, have a GWP value of 1
- Fast-track procedure procedure for the submission and consideration of queries to the Methodologies Panel
- Run-of-river hydropower plants; hydropower projects with existing reservoirs where the volume of the reservoir is not increased
- Revisions of forms and guidelines to these forms to further assist stakeholders and to align them with Board guidance
- Conditions under which charcoal based biomass energy generation project activities are eligible under the CDM
- Fuel switch project activities in the transport sector
- A compendium of guidance for the determination of the occurrence of debundling, including for programmes of activities
- Accounting as zero GHG emissions from several negligible GHG sources, including forest transportation and use of nitrogen fixing species
- Registration fee for proposed A/R CDM project activities
- Application of the definition of the project boundary A/R CDM project activities
- Registration fee for large- and small-scale proposed A/R CDM project activities

### Large Scale Methodological workload for 2007 & 2008



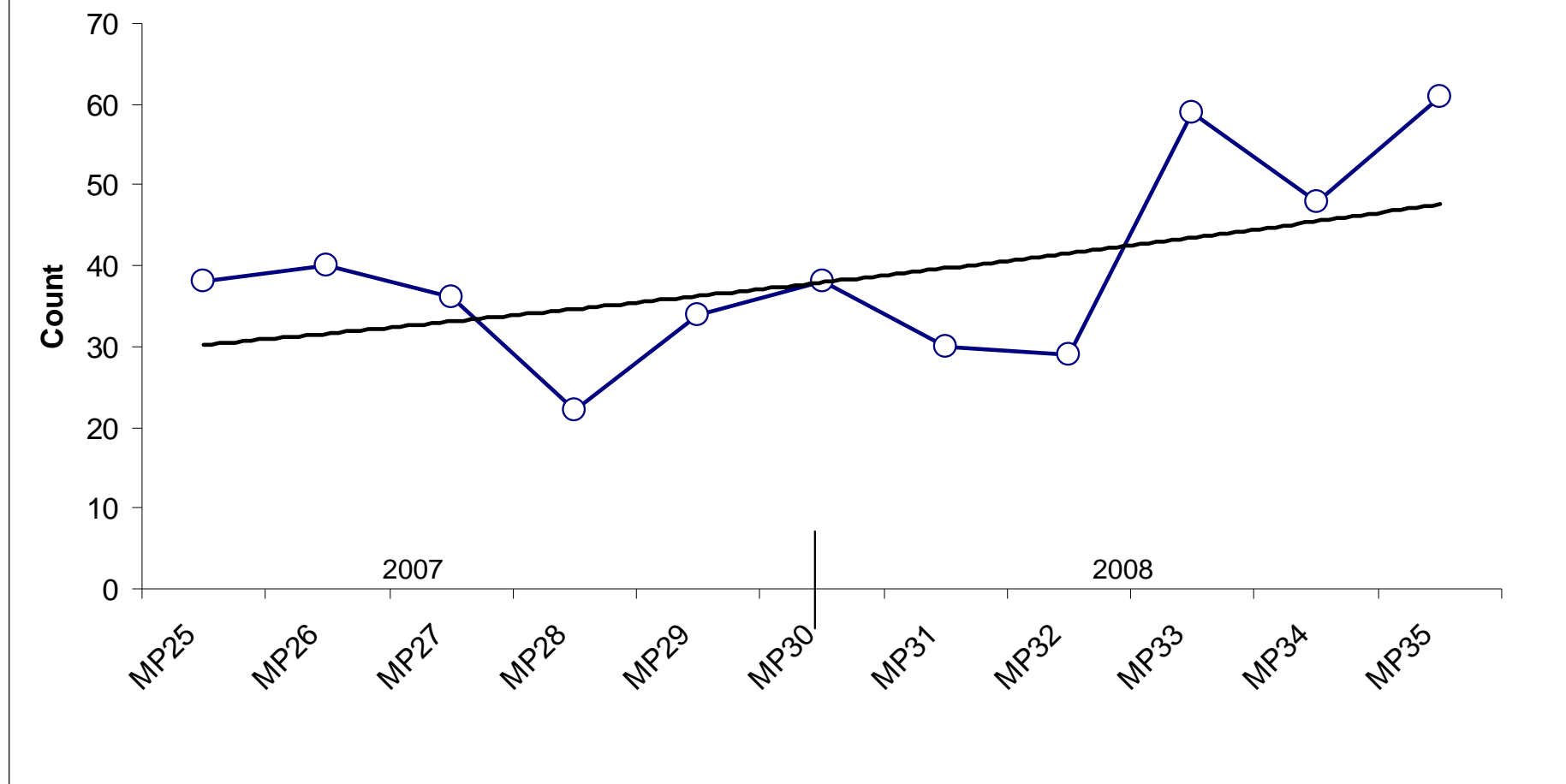
- Counts all items of work for LS methodological issues only
- Excludes resubmitted new methodology cases (i.e. add +/- 20%)
- Excludes deviation cases (i.e. +/- 25% overall)
- EB requests, based on annexes to reports only (add +/- 15%)
- Currently being supported with 80% of CDM-MAP 2007 resources

### Smalls scale methodological work for 2007 & 2008



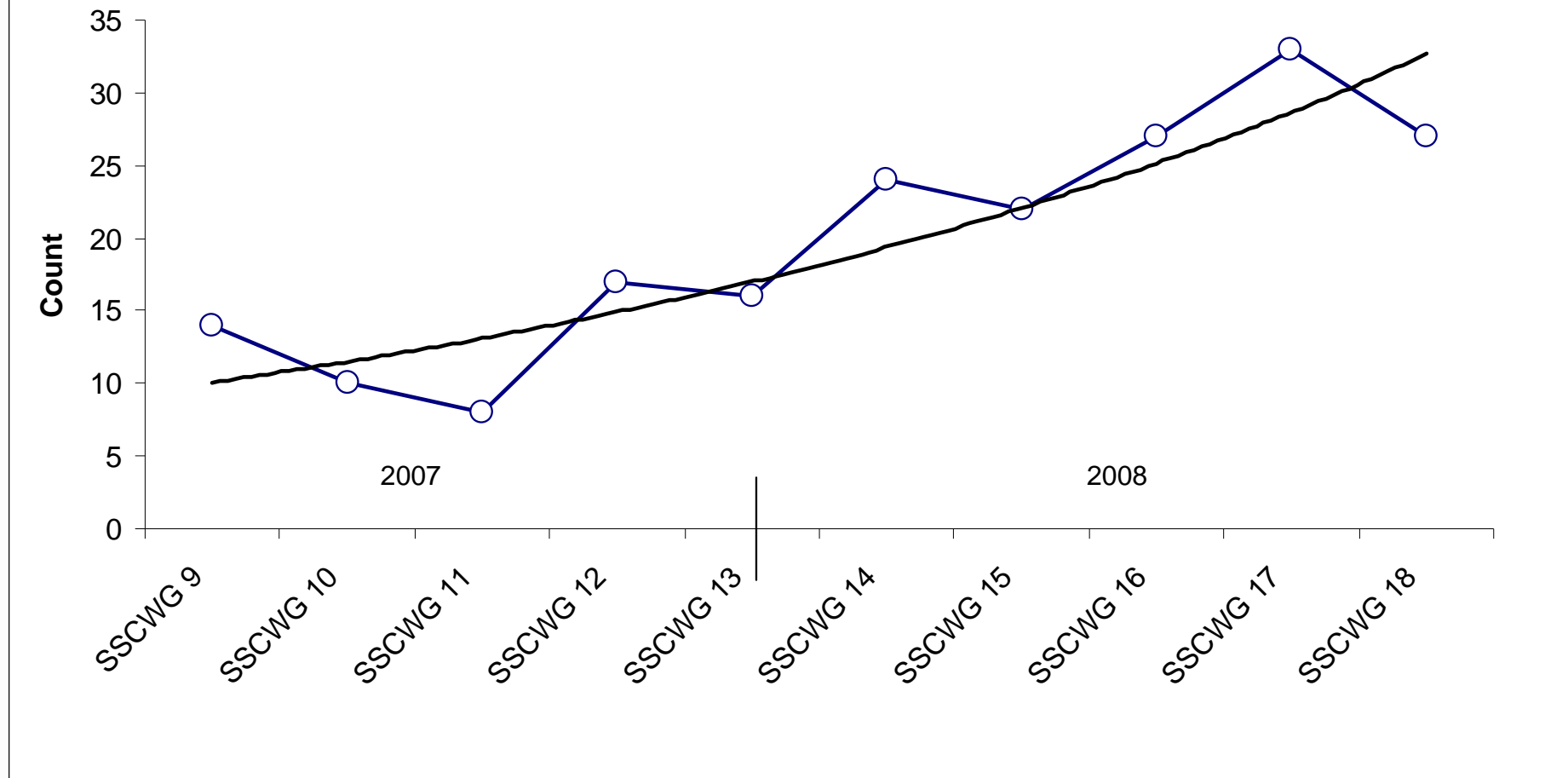
- Counts all items of work for SSC methodological issues only
- Excludes deviation cases (5 cases, a 25% increase in 2008)
- Currently being supported with 90% of CDM-MAP 2007 resources

## Meth Panel work items per meeting for 2007 & 2008



- Sum of all items of work for MP meetings only
- Includes resubmitted cases
- MP 35 expected to be higher than estimated here

## SSCWG work items per meeting for 2007 & 2008



- Sum of all items of work for SSC meetings only
- Level of SSC work has reached the level of MP median value
- SSCWG 18 expected to be higher than estimated here

## Improved in 2008 | and other suggestions

---

- Engage early with developers in order to speed-up the methodology approval & revision process
- Review period for consolidated & revised methodologies?
- Sourcing expertise for methodological review & SS work
- External expert groups – (International Expert Group on EE and Carbon Finance, SBCI thinktank, GGFRI etc.)
- Communication regarding proposed new methodologies

# Recommendations to CMP.4 | by EB43 on Regional Distribution

---

- the **development of more SSC methodologies** with the potential for application in these countries
- possibility to provide **default figures for parameters** used in establishing baselines for methodologies in countries where **data gathering for baseline** setting is an extra barrier to implementation
- facilitate CDM **hands-on training workshops** (e.g. train the trainers) in these countries on request at no additional cost to them
- Parties, in a position to do so, in partnership with the private sector to:
  - create a **CDM project identification and development fund**, potentially revolving that shall be used to **identify and develop PDDs** in each of these countries and to pay the cost of validation for these projects;
  - **Purchase** at least [X]% of CERs from projects hosted in these countries
- Parties, in a position to do so, to **provide financial** support to these countries, to **cover the start-up costs** & if required the **technical expertise** relating to the development of CDM project activities
- **Develop PDDs**, assess proposals, awareness raising, financial engineering, information sharing & **the development of methodologies** that are more suitable for these countries
- NAI I Parties **provide, incentives** to PPs of small scale CDM projects, Energy efficient or renewable energy (solar, wind, biogas etc.) & technology providers supplying such projects
- financial institutions, in particular regional development banks, to provide **seed funding, promote CDM** project activities, co-operation & **knowledge transfer regarding CDM between** regional development **banks**



Welcome to the UNFCCC CDM Bazaar. This site currently holds **56 postings** from **811 registered users**

## Sellers →

The Seller section shows seller profiles, including contact information, and the projects which have been added by registered Sellers.

### Go to this section to:

- View seller entries and details of sellers in the carbon market
- View project entries and details of CDM projects and CERs at various stages
- View sellers and projects, and sort them according to your requirements

> [Visit seller section](#)

### Latest seller profiles

29-1-2008 | [Bionersis](#)  
 21-1-2008 | [GREENLEAF RENEWABLE ENERGY](#)  
 15-1-2008 | [M/s Nirvana Enviro infrast](#)  
 10-1-2008 | [Asia Carbon Exchange Inter](#)  
 9-1-2008 | [Eneco Energy Trading BV](#)

> [See all sellers' profiles](#)

## Announcements

### Employment opportunities

18-1-2008 | [Carbon and New Energy trad...](#)

## Buyers →

The Buyer section shows profiles of buyers in the carbon market, including preferences and contact information.

### Go to this section to:

- View buyer entries and details of buyers in the carbon market
- View detailed purchasing profiles of buyers
- View buyer profiles, and sort them according to your requirements

> [Visit buyer section](#)

### Latest buyer profiles

31-1-2008 | [South Pole Carbon Asset Ma](#)  
 28-1-2008 | [Green Initiative Carbon As](#)  
 25-1-2008 | [Öko-Institut e.V.](#)  
 22-1-2008 | [Revonergy Plc](#)  
 21-1-2008 | [Daiwa Securities SMBC Prin](#)

> [See all buyers' profiles](#)

### Events

28-1-2008 | [Forward Secondary CER Auct...](#)

## Service providers →

The Service provider section shows profiles of companies, including contact information, who supply carbon market technologies and services.

### Go to this section to:

- View service provider entries
- View detailed profiles of service providers
- View service providers, and sort them according to your requirements

> [Visit service provider section](#)

### Latest service provider profiles

31-1-2008 | [MASDAR](#)  
 28-1-2008 | [ERM-Siam, Co Ltd](#)  
 28-1-2008 | [M&P China GmbH & Co. KG](#)  
 27-1-2008 | [Rajeshwar Painuly](#)  
 22-1-2008 | [Environmental Fabrics Inc](#)

> [See all service providers' profiles](#)

### Publications

30-11-2007 | [Carbon buyers, brokers nee...](#)

## Search

## Signup

Register to add your profile to the CDM Bazaar, and to add project information or announcements.

> [Register](#)

## Login

> [Signup](#)