International Federation of Red Cross and Red Crescent Societies

Southeast Asia Climate Change Master Training

Session Plan of Module 6: Introduction to Climate Change Mitigation / SEARD Bangkok / 2014

# Session Plan of Module 6: Introduction to Climate Change Mitigation

Objective: To provide an overview of Climate Change Mitigation (CCM) and an understanding of its relevance for our organization.

Outcome:Participants will be reminded or made aware of the scale of the CCM challenge and of IFRC’s positioning on CCM. They will also gain an understanding of the potential CCM benefits of various RCRC activities as well as synergies with CCA. They will be introduced to the notion of carbon footprint and to ways to assess and eventually reduce part of it. This session is linked to a session that will provide the participants with an overview of climate finance.

Content (Key words):GHG emission sources,GHG emissions reduction, low carbon climate resilient development pathways, co-benefits, carbon footprint, synergies between CCM & CCA, etc.

Methodology: Presentations, Collective discussions, Group exercises

## Resource:

* <https://www.youtube.com/watch?v=gDcGz1iVm6U>, is a video on Climate Change 2014: Mitigation of Climate Change by IPCC, this is recommended to be shown in presentation slide 5, duration 12 minutes.
* <http://www.cisl.cam.ac.uk/Resources/Climate-and-Energy/Videos.aspx> is a video on Climate Change 2013: The Physical Science Basis by IPCC, this video can be shown if there is additional time left, duration 10 minutes.
* IIED\_Low-Carbon Resilient Developmentin Least Developed Countries 2013
* IISD\_Exploring Trends in Low-Carbon Climate Resilient Development 2013
* IPCC\_Summary for Policymakers\_Climate Change and Mitigation of Climate Change 2014

Total time:2 hours

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| **Timing** | **Purpose/ Objective**  | **Methodology** | **Material/Facilitator** |
|  *(min)* | *What the activity aims at* | *How the activity is conducted, including the methods to be used (e.g. brain storming, group discussion, role play, etc.), questions, time duration, expected information, what the participants should do, etc.* *If case study or role play will be used, explanation or information should be provided as well.* | *What materials, facilities, equipment are required to conduct this activity (e.g. flip charts, marker pens, colour cards, etc.)* |
| 25 | Introduce climate change mitigation (CCM), illustrate the scale of the challenge, and discuss its relevance for the RCRC. | * **Video (approx. 12 min) and debrief with slides**
* **Relevance of CCM** – Discussion. Ask participants to share their views on key notions/concepts relevant to CCM such as common but differentiated responsibilities, limits to adaptation, low carbon climate resilient pathways, co-benefits, CCM & CCA synergies, funding opportunities, etc.
 | SlidesLaptop with internet connection and loudspeakers |
|  70 | Provide IFRC’s position on CCM and an overview of the Plan of Action, and discuss the CCM potential of various community activities and RCRC activities, and the trade-offs and synergies with CCA. | - **CCM in** **Strategy 2020, IFRC Plan of Action on Climate Change** **(10 min)** – Short presentation: provide participants with an overview of IFRC’s positioning on CCM and CCM related information in other existing guidelines in the humanitarian field.**- Community and RCRC CCM activities and benefits (60 min)**Ask participants to discuss and come up with a list of existing CCM activities (energy efficiency, renewable energy, waste management, etc.) in the communities where they work and the benefits from these activities using the given format; De-brief with groups:* what are the community benefits / co-benefits of these activities?
* how emission reductions materialize?
* is this already a RCRC programme activity? Could it be a community action supported by the RCRC?
* what are the challenges encountered in implementation / partnerships?
 | Flip Chart, White BoardLaptop with internet connectionPower Point slides |
| 25 | Introduce the notion of carbon footprints, discuss how to assess them, and how to act on them. | - **Concept**. Introduce the concept of carbon footprint and more broadly environmental footprint for various scopes, i.e. world, countries, cities, firms & organizations, individuals, events, operations; discuss the concept of baseline as well as ways of taking action and best practice, i.e. monitor, report, avoid, reduce, offset/inset.- **Institutional carbon & environmental footprint** – Group exercise focusing on carbon footprint. Form groups to focus on institutional carbon footprint;Each group to think whether your NS should assess and reduce its carbon footprint and why;Come up with a list of possible priority actions to take to reduce the carbon footprint of your NS;Briefly present the outcome of the brainstorming.- **Individual carbon footprint**– Intro to online calculator and encourage everyone to compute an individual carbon footprint using an existing calculator accessible at <http://www.carbonfootprint.com/calculator.aspx> | Laptop with internet connection:Power Point slidesCarbon calculator  |