International Federation of Red Cross and Red Crescent Societies

Southeast Asia Climate Change Master Training

Session Plan of Session 8: Introduction to Climate Change Mitigation / SEARD Bangkok / 2014

# Session Plan of Session 8: Introduction to Climate Change Mitigation

Objective: At the end of this activity, the participants are able to:

1. Describe the scale of the CCM challenge and of IFRC’s positioning on CCM.
2. Understand potential CCM benefits of various RCRC activities as well as synergies with CCA.
3. Explain the notion of carbon footprint and ways to assess and eventually reduce part of it.

Key terminologies to cover in the session:

GHG emission sources,GHG emissions reduction, low carbon climate resilient development pathways, co-benefits, carbon footprint, synergies between CCM & CCA

Proposed Methodology:

Presentations, Collective discussions, Group exercises

Tips to Facilitator:

* The video Climate Change 2013: The Physical Science Basis by IPCC, this video can be shown if there is additional time left in STEP 2 of the process below .<http://www.cisl.cam.ac.uk/Resources/Climate-and-Energy/Videos.aspx> (approx.: 10 minutes additional time)

Reference Materials:

* <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.
* 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

Duration:2 hours

|  |  |  |  |
| --- | --- | --- | --- |
| **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, color cards, etc.)* |
| 5 minutes | Participants are aware of the objectives | 1. Facilitator presents session and session objectives (slides 1-3)
 |  |
| 25 | Introduce climate change mitigation (CCM), illustrate the scale of the challenge, and discuss its relevance for the RCRC. | **Global Climate Change Mitigation challenge (slide 3)** 1. Participants are shown the video: on Climate Change 2014: Mitigation of Climate Change by IPCC (approx. 12 min) **(**[**https://www.youtube.com/watch?v=gDcGz1iVm6U**](https://www.youtube.com/watch?v=gDcGz1iVm6U)**)**
* **OPTIONAL:** the video on Climate Change 2013: The Physical Science Basis by IPCC can be shown if there is additional time (<http://www.cisl.cam.ac.uk/Resources/Climate-and-Energy/Videos.aspx>)
1. Relevance of CCM – Discussion / debriefing (slides 7-8)
* 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.
 | Laptop with internet connection and loudspeakersFlipchartMarkers |
|  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)** – 1. Facilitator discusses overview of IFRC’s position on CCM and CCM related information in other existing guidelines in the humanitarian field. (Slides 10-13)

**Group Work - Community and RCRC CCM activities and benefits** (Slide 14)1. Divide participants into 4-5 groups
* 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;
1. De-brief / discussion with groups by asking these question in plenary: (slide 15)
* 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?
1. Continue presentation of examples of climate mitigation activities (slides 16-25)
 | Flip ChartMarkersWhite BoardLaptop with internet connection |
| 25 | Introduce the notion of carbon footprints, discuss how to assess them, and how to act on them. | **Greening of organization – reducing carbon footprint** (Slides 26-29)1. 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.

**Group Exercise: On Institutional carbon & environmental footprint (slide 30)**1. Ask each NS to form a group and answer these questions
* 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;
1. Briefly present and discuss the results of the groups (Slides 31-32)
2. **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> (slide 33)
 | FlipchartsMarkersLaptop with internet connection:Carbon calculator |
| **End of Session 8** |