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**Subsidiary Body for Scientific and  
Technological Advice**

**Fifty-first session**

**Madrid, 2–9 December 2019**

Item 4 of the provisional agenda

**Report of the Executive Committee of the Warsaw  
International Mechanism for Loss and Damage  
associated with Climate Change Impacts and the  
2019 review of the Mechanism**

**Subsidiary Body for Implementation**

**Fifty-first session**

**Madrid, 2–9 December 2019**

Item 9 of the provisional agenda

**Report of the Executive Committee of the Warsaw  
International Mechanism for Loss and Damage  
associated with Climate Change Impacts and the  
2019 review of the Mechanism**

**Report of the Executive Committee of the Warsaw  
International Mechanism for Loss and Damage associated  
with Climate Change Impacts**

**Addendum**

*Summary*

This report covers the work of the Executive Committee of the Warsaw International Mechanism for Loss and Damage associated with Climate Change Impacts, including its expert groups and task force on displacement, between September and October 2019. It contains organizational and procedural information, including on meetings and workshops held during the reporting period, as well as information on progress in relation to collaborative work with relevant bodies under and outside the Convention. In addition, the report presents recommendations arising from the work undertaken by the Executive Committee since October 2018. Further, the plans of action of the task force on displacement and the technical expert group on comprehensive risk management are contained in the annexes.

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## Abbreviations and acronyms

CA	Climate Analytics
COP	Conference of the Parties
COY	Conference of Youth
CRM	comprehensive risk management
DIE	German Development Institute
DRR	disaster risk reduction
Excom	meeting of the Executive Committee of the Warsaw International Mechanism for Loss and Damage associated with Climate Change Impacts
Executive Committee	Executive Committee of the Warsaw International Mechanism for Loss and Damage associated with Climate Change Impacts
GCF	Green Climate Fund
IDMC	Internal Displacement Monitoring Centre
IFRC	International Federation of Red Cross and Red Crescent Societies
IIASA	International Institute for Applied Systems Analysis
IISD	International Institute for Sustainable Development
ILO	International Labour Organization
IOM	International Organization for Migration
IPCC	Intergovernmental Panel on Climate Change
MCII	Munich Climate Insurance Initiative
NAP	national adaptation plan
ODI	Overseas Development Institute
PDD	Platform on Disaster Displacement
TEG-CRM	technical expert group on comprehensive risk management
TFD	task force on displacement
UNDRR	United Nations Office for Disaster Risk Reduction
UNHCR	United Nations High Commissioner for Refugees
UNU	United Nations University
WFP	World Food Programme
WIM	Warsaw International Mechanism for Loss and Damage associated with Climate Change Impacts
WMO	World Meteorological Organization

## I. Organizational and procedural matters

1. Excom 10 took place from 23 to 25 October 2019 in Bonn. The meeting was open to observers. Recordings of the plenary discussions and the meeting documentation are available on the UNFCCC website to ensure the transparency of the proceedings of the Executive Committee.<sup>1</sup> Excom 10 gave rise to intersessional work,<sup>2</sup> including in relation to the engagement of the Executive Committee at COP 25, such as preparing input on the work of the Committee related to the stocktake on pre-2020 implementation and ambition, and organizing a thematic session on loss and damage for the 2<sup>nd</sup> Capacity-building Hub.
2. Excom 10 noted, under its agenda item on emerging and cross-cutting needs, decision 18/CMA.1, annex, paragraph 115, on information related to averting, minimizing and addressing loss and damage associated with climate change impacts.
3. At the same meeting, the Executive Committee decided to continue exploring opportunities and modalities for engaging stakeholders at the regional and national level, including national focal points and loss and damage contact points. It continued to make progress on its five-year rolling workplan, noting that future reviews of the WIM may enhance and strengthen the Committee's ability to confront challenges it faces and make further progress.
4. In developing recommendations (see chap. III below), the Executive Committee:
  - (a) Took note of the initiatives relevant to averting, minimizing and addressing loss and damage associated with climate change impacts that emerged from the United Nations Secretary-General's Climate Summit in 2019, as appropriate;
  - (b) Agreed to consider how to communicate the role of climate action in averting, minimizing and addressing loss and damage associated with climate change impacts via its products and activities.
5. The TEG-CRM held a stakeholder engagement workshop, in collaboration with UNDRR and WMO, on strengthening the capacities for observation and risk assessment in the context of loss and damage associated with climate change on 29 and 30 October 2019 in Bonn.<sup>3</sup>
6. The TFD plans to hold a side event on the second phase of the TFD at COP 25.
7. The Executive Committee decided to hold Excom 11 in the week of 9 March 2020.

## II. Progress made in implementation

8. During the reporting period, the Executive Committee advanced its collaborative work with UNFCCC and external bodies and experts. The figure below illustrates the institutional arrangements concerning the Executive Committee and related bodies.

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<sup>1</sup> <https://unfccc.int/topics/adaptation-and-resilience/groups-committees/loss-and-damage-executive-committee/10th-meeting-of-the-executive-committee-of-the-warsaw-international-mechanism-for-loss-and-damage>.

<sup>2</sup> For details of the intersessional work, see <https://unfccc.int/sites/default/files/resource/Summary%20of%20Decision%20Points.pdf>.

<sup>3</sup> See <https://unfccc.int/process-and-meetings/bodies/constituted-bodies/executive-committee-of-the-warsaw-international-mechanism-for-loss-and-damage-wim-excom/stakeholder-engagement-workshop-on-strengthening-the-capacities-for-observation-and-risk-assessment>.

## Institutional arrangements concerning the Executive Committee of the Warsaw International Mechanism



### A. Collaboration with external entities and experts

#### 1. Increasing the knowledge base on slow onset events

9. The Executive Committee has been collaborating with the publisher, Elsevier, of the journal *Current Opinion in Environmental Sustainability*<sup>4</sup> with a view to responding to the growing need for enhancing understanding of the negative effects of slow onset events on vulnerable populations and relevant approaches for addressing them.

10. During the reporting period, the Executive Committee reviewed 28 abstracts of articles to be published as a special edition of the journal in June 2021 and extended the deadline of the call for abstracts to 30 November 2019 to allow inputs from more authors.

#### 2. Launching thematic technical work

11. During the reporting period, the Executive Committee adopted the plans of action developed by the TFD and the TEG-CRM (see annexes I and II, respectively), giving further impetus to the overall efforts under strategic workstreams (c) and (d) of the five-year rolling workplan of the Executive Committee on enhanced cooperation and facilitation in relation to:

(a) Comprehensive risk management approaches (including assessment, reduction, transfer and retention) to addressing and building the long-term resilience of countries, vulnerable populations and communities to loss and damage, including in relation to extreme and slow onset events;

(b) Human mobility, including migration, displacement and planned relocation.

<sup>4</sup> See <https://www.journals.elsevier.com/current-opinion-in-environmental-sustainability>.

12. Excom 9 adopted the new terms of reference and launched the second phase of the TFD. Subsequently, the TFD held its 3<sup>rd</sup> meeting<sup>5</sup> in order to develop a plan of action for its second phase, which builds on strategic workstream (d) of the five-year rolling workplan of the Executive Committee and the recommendations of the Committee to COP 24.<sup>6</sup>

13. The plan of action developed by the TFD was discussed at Excom 10 and the TFD agreed to integrate inputs received at the meeting into its ongoing work, as appropriate. The TFD is planning to provide a more detailed description of its activities ahead of Excom 11, as well as a detailed report on the progress of implementation of those activities prior to each of Excom 12, 13 and 14, a summary of which will be included in the respective annual reports of the Executive Committee, as appropriate.

14. In accordance with the respective plan of action, the TEG-CRM, in collaboration with UNDRR and WMO, brought together key stakeholders to identify ways to address capacity gaps related to climate risk observation and assessment at the global level, as well as to learn from national experience. A two-day workshop took place on 29 and 30 October 2019 in Bonn with the participation of over 30 experts from the public and private sector, United Nations entities, regional organizations, academia and non-governmental organizations from different regions.<sup>7</sup> The workshop broadened cooperation among these and other stakeholders, such as the Least Developed Countries Expert Group, in relation to observation and risk assessment.

15. The findings from the workshop will be taken into consideration in implementing other actions identified in the plan developed by the TEG-CRM and will help to further enhance the collaboration under strategic workstream (c) of the five-year rolling workplan of the Executive Committee. The report on the workshop will be made available prior to Excom 11.

## **B. Capacity-building**

16. With a view to improving knowledge, capacity and technology in relation to understanding and tracking climate change impacts and facilitating approaches to highlighting loss and damage associated with the adverse effects of climate change, the Executive Committee had previously invited the Paris Committee on Capacity-building to identify capacity gaps in addressing loss and damage and to recommend ways to address those gaps in the context of strategic workstream (e) of the five-year rolling workplan of the Executive Committee (activity 2).

17. During the reporting period, the Executive Committee and the Paris Committee on Capacity-building considered the organization of a loss and damage thematic session at the 2<sup>nd</sup> Capacity-building Hub, to be held at COP 25. The Executive Committee is planning to convene a session to highlight the capacity-building components of its workplan, focusing in particular on strengthening dialogue, coordination, coherence and synergies among relevant stakeholders. In addition, it will include information on the capacity needs in relation to enhancing observation and risk assessment in the context of loss and damage that were identified at the workshop referred to in paragraph 14 above.

## **III. Recommendations**

18. On the basis of the work that it has undertaken, the Executive Committee agreed to forward the following recommendations. Parties may wish to:

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<sup>5</sup> A summary of proceedings and membership information relevant to the TFD is contained in document FCCC/SB/2019/5, annex II. The timeline of the TFD is illustrated in figure 2 of the same document.

<sup>6</sup> Decision 10/CP.24, annex.

<sup>7</sup> Further details on the workshop, including the agenda and presentations, are available at <https://unfccc.int/process-and-meetings/bodies/constituted-bodies/executive-committee-of-the-warsaw-international-mechanism-for-loss-and-damage-wim-excom/stakeholder-engagement-workshop-on-strengthening-the-capacities-for-observation-and-risk-assessment>.

- (a) Welcome the Executive Committee's progress in implementing its five-year rolling workplan;
- (b) Welcome the plans of action of the TFD and the TEG-CRM;
- (c) Acknowledge the progress of the joint work of the Executive Committee and the Technology Executive Committee on the policy brief on technologies for averting, minimizing and addressing loss and damage in coastal zones;
- (d) Express appreciation to:
- (i) All organizations and experts that contributed to the success of the work undertaken, and to the constituted bodies that collaborated with the Executive Committee;<sup>8</sup>
- (ii) Organizations that hosted or co-hosted meetings of the expert groups of the Executive Committee, namely:
- a. IOM, which hosted the 3<sup>rd</sup> meeting of the TFD;
  - b. DIE, which hosted the 1<sup>st</sup> meeting of the TEG-CRM;
  - c. UNDRR, which co-hosted with the secretariat the workshop referred to in paragraph 14 above;
- (iii) The secretariat for preparing the technical paper elaborating sources of and modalities for accessing financial support for addressing loss and damage<sup>9</sup> as an input to the 2019 review of the WIM;
- (e) Acknowledge that the Executive Committee:
- (i) Will consider identifying follow-up activities to the 2019 review of the WIM under all strategic workstreams of its five-year rolling workplan, as appropriate, at its first meeting of 2020;
- (ii) Has decided to identify follow-up activities under strategic workstream (e) of its five-year rolling workplan at its first meeting of 2020, which will take place after the 2019 review of the WIM;
- (iii) Has agreed to discuss its role in and contribution to the global stocktake at its future meetings, starting at its first meeting of 2020;
- (f) Encourage the Executive Committee to seek further ways to continue enhancing its responsiveness, effectiveness and performance in implementing the activities in its five-year rolling workplan, particularly the activities under strategic workstream (e);
- (g) Recognize the use of the best available science by the Executive Committee, its expert groups and the TFD to inform their work;
- (h) Encourage the Executive Committee and organizations working to avert, minimize and address loss and damage to continue using the best available science that considers short-, medium- and long-term implications, including the recently published Special Reports of the IPCC,<sup>10</sup> and to continue interacting with relevant scientific and technical panels and bodies of expertise, including the IPCC;

<sup>8</sup> Information on those constituted bodies is contained in document FCCC/SB/2019/5, paras. 38–39.

<sup>9</sup> FCCC/TP/2019/1.

<sup>10</sup> IPCC. 2018. *Global Warming of 1.5 °C: An IPCC Special Report on the impacts of global warming of 1.5 °C above pre-industrial levels and related global greenhouse gas emission pathways in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty*. V Masson-Delmotte, P Zhai, H-O Pörtner, et al. (eds.). Geneva: World Meteorological Organization. Available at <https://www.ipcc.ch/sr15/>; IPCC. 2019. *IPCC Special Report on the Ocean and Cryosphere in a Changing Climate*. H-O Pörtner, DC Roberts, V Masson-Delmotte, et al. (eds.). Available at <https://www.ipcc.ch/srocc/home/>; IPCC. 2019. *IPCC Special Report on Climate Change, Desertification, Land Degradation, Sustainable Land Management, Food Security, and Greenhouse Gas Fluxes in Terrestrial Ecosystems*. Available at <https://www.ipcc.ch/report/srcl/>.

(i) Note the decision of the Executive Committee to continue exploring opportunities and modalities for engaging stakeholders at the regional and national level, including national focal points and loss and damage contact points.



## Annex I

### Task force on displacement: plan of action for 2019–2021

The activities in this plan build on the activities under strategic workstream (d) of the five-year rolling workplan of the Executive Committee of the Warsaw International Mechanism for Loss and Damage associated with Climate Change Impacts and the recommendations contained in the annex to decision 10/CP.24. Where relevant, linkages with other workstreams of the five-year rolling workplan will be identified in the course of the implementation of the plan.

<i>Activity</i>	<i>Expected result(s)</i>	<i>Possible approach(es) to implementation/potential modalities</i>	<i>Indicative time frame for implementation</i>	<i>Lead/co-leads</i>
1. Make available a user-friendly version of the summary documents from the mapping exercises of the TFD in its first phase	Increased visibility and awareness of displacement in the context of climate change and of the outputs of the TFD in its first phase	Publication based on the summaries of the mapping exercises	In 2020	Executive Committee TFD members
2. Prepare TFD factsheets providing an annual overview of global disaster displacement: gender-disaggregated data, analysis by region, livelihood and income group, and hazard context	Enhanced understanding of the scale of displacement in the context of climate change	TFD factsheet	Annual publication (dates to be confirmed)	Advisory Group Civil Society Organisations (IDMC)/PDD
3. Prepare a user-friendly knowledge product on nexus situations (climate change/disaster and conflict/violence)	Enhanced understanding of the relationship between the impacts of climate change and conflicts on displacement	User-friendly knowledge product(s)	In 2020	UNHCR
4. Prepare a user-friendly knowledge product on displacement related to climate change in the context of slow onset events	Enhanced evidence base for policy options for averting, minimizing and addressing displacement in the context of slow onset disaster and climate change	User-friendly knowledge product(s)	To be confirmed	IDMC

<i>Activity</i>	<i>Expected result(s)</i>	<i>Possible approach(es) to implementation/potential modalities</i>	<i>Indicative time frame for implementation</i>	<i>Lead/co-leads</i>
5. Prepare a technical briefing on approaches to averting, minimizing and addressing loss and damage in relation to disaster displacement	Enhanced understanding of and knowledge on approaches to averting, minimizing and addressing loss and damage in relation to disaster displacement	Development and dissemination of a technical briefing paper	In 2020	PDD
6. Compile selected good practice case studies and lessons learned from relevant projects/programmes that have integrated climate-related mobility for the purpose of improving the design of project proposals and access to funding	Enhanced understanding of Parties of how to integrate climate-related mobility into relevant project/programme design, including for green economy  Enhanced understanding of Parties and donors/the GCF of accessing support for climate change programmes with a focus on averting, minimizing and addressing displacement	Compilation of case studies (e.g. factsheet), made widely available	In 2021	IFRC/ILO/IOM/UNHCR
7. Raise awareness on integrating displacement in the context of climate change into national laws, policies and strategies, including on disaster response, building on mappings and lessons learned	Enhanced support for formulating laws, policies and strategies that reflect efforts to avert, minimize and address displacement	Dissemination of relevant mappings, case studies, lessons learned from ongoing projects, and guidance, including through written materials (e.g. leaflets, policy briefs) and side events at relevant meetings  Regional and national training  Updated mapping of relevant national migration policies, based on the previous mapping	From 2020	IFRC/ILO/IOM/UNHCR

<i>Activity</i>	<i>Expected result(s)</i>	<i>Possible approach(es) to implementation/potential modalities</i>	<i>Indicative time frame for implementation</i>	<i>Lead/co-leads</i>
		conducted under the TFD (pillar I: policy/practice – national/subnational, activity I.1)	From 2020	IOM
8. Continue to raise awareness of the work of the TFD in relevant processes	Keeping the issue of climate change and displacement high on the agenda of relevant processes	Sharing of information on TFD work, where appropriate  Development of the standard TFD one-pager internal note to be used when TFD members conduct outreach work	At the regional reviews of the Global Compact for Migration in 2020  At the Global Platform for Disaster Risk Reduction meeting in 2021 and via regional platforms	IOM/others  Executive Committee champions (development of the one-pager)
9. Facilitate the assessment of economic impacts of displacement in the context of climate change at the national level	Enhanced understanding of the scale of the cost/economic impact of displacement in the context of climate change	Presentation of assessment outcomes to the TFD	To be confirmed	Youth non-governmental organizations/Advisory Group Civil Society Organisations (IDMC)
10. Conduct a seminar on labour migration and climate resilience	Increased knowledge, skills and understanding of key issues and responses around labour migration and climate resilience	Design, preparation and delivery of a training course	In 2020	ILO/International Training Centre of ILO in Turin/universities in the region
11. Exchange and share information on human mobility, including migration, displacement and planned relocation, among the expert groups of the Executive Committee	Displacement considered under all relevant workstreams, as appropriate	Joint discussions of the expert groups of the Executive Committee in relation to each workstream relevant to addressing displacement and mobility	Continuous	Executive Committee champions

<i>Activity</i>	<i>Expected result(s)</i>	<i>Possible approach(es) to implementation/potential modalities</i>	<i>Indicative time frame for implementation</i>	<i>Lead/co-leads</i>
		Contribution to outputs under all relevant workstreams	From 2020	IOM/relevant partners
		Mapping of examples of effective practices and lessons learned in relation to planned relocation		
12. Provide capacity-building opportunities using relevant training materials on migration, environment and climate change	Enhanced capacity of countries to consider migration, environment and climate change in their long-term planning	Capacity-building activities in various regions	2019	ILO/IOM/PDD
13. Assist Parties in assessing the risk of displacement, including through technical support and sharing tools and practices	Enhanced capacity for data collection, risk assessment and analysis in relation to displacement	User-friendly knowledge products on displacement risk assessment methods, good practices and lessons learned	From 2020	Advisory Group Civil Society Organisations (IDMC)/IOM/PDD
		Regional events and national workshops, including in the Pacific and sub-Saharan Africa, building on existing initiatives		
		Dissemination and sharing of practices at the global and regional level, including with the TEG-CRM		
14. Support Parties in integrating displacement risk into DRR strategies and combining action on DRR and climate change	Countries supported in implementing integrated approaches	Use of, inter alia, the UNDRR <i>Words into Action</i> guidelines on disaster displacement and supplementary NAP guidelines	To be confirmed	IOM/Norwegian Refugee Council/PDD

<i>Activity</i>	<i>Expected result(s)</i>	<i>Possible approach(es) to implementation/potential modalities</i>	<i>Indicative time frame for implementation</i>	<i>Lead/co-leads</i>
15. Support Parties in strengthening their understanding of preparedness for displacement related to the adverse impacts of climate change, including early warning systems, contingency planning, evacuation planning and resilience-building strategies and plans, and support them in developing innovative approaches to preparedness, for example forecast-based financing	Parties having knowledge of and access to tools and innovative approaches (e.g. guidance, case studies, lessons learned, briefing papers and finance) to strengthen preparedness for displacement related to the effects of climate change	Supporting the accessibility of existing preparedness and innovative tools for Parties and stakeholders  Supporting the inclusion of displacement related to the effects of climate change in existing preparedness initiatives and dialogues (e.g. under the World Bank, United Nations Development Programme and UNDRR)  Development and dissemination of a technical briefing paper on preparedness and innovative approaches, as appropriate	To be confirmed	IFRC/PDD/UNHCR
16. Help to make available supplementary guidelines on integrating human mobility into relevant national planning processes, including the process to formulate and implement NAPs, as appropriate	Countries supported in integrating human mobility into relevant national planning processes, including the process to formulate and implement NAPs, as appropriate	Piloting of guidelines in support of country planning (as requested by Parties)	In 2020	IOM/Executive Committee champions
		Contribution of ILO guidance on labour migration mobility, through piloting of ILO guidelines, and any other TFD activity for piloting guidance	In 2021	ILO
17. Collaborate with the Least Developed Countries Expert Group and the Adaptation Committee to raise awareness of the importance of integrating consideration of human	Consideration of human mobility challenges in relevant national planning processes, including the process to	Via NAP Expo/possibly a topic under the Adaptation Forum	To be confirmed	Executive Committee champions/IOM

<i>Activity</i>	<i>Expected result(s)</i>	<i>Possible approach(es) to implementation/potential modalities</i>	<i>Indicative time frame for implementation</i>	<i>Lead/co-leads</i>
mobility in the context of climate change	formulate and implement NAPs			
18. Support the inclusion of the challenges of displacement related to the adverse effects of climate change in the work of the high-level panel on internal displacement	Consideration of displacement related to the adverse effects of climate change included in the work of the high-level panel	Sharing the recommendations and the work of the TFD, as appropriate  Dialogue and engagement in relevant events of the high-level panel  Submission of a background/briefing paper, as appropriate	To be confirmed	PDD/others
19. Organize (a) training/awareness-building workshop(s) for youth on displacement in the context of climate change	Increased awareness among youth on displacement in the context of climate change, and youth voices brought into considerations under the WIM/Convention	Workshops and events at sessions of the COP and COYs	COP and COY 25 and 26	Youth non-governmental organizations
20. Identify opportunities for accessing existing funding and develop guidance on preparing project proposals on averting, minimizing and addressing displacement related to climate change for the GCF, other funds and donors	Better understanding of how to access finance, including through the GCF  Enhanced access to finance for averting, minimizing and addressing displacement associated with climate change	Meeting with the operating entities of the Financial Mechanism and the Adaptation Fund  Development of relevant guidance for Parties	In 2021	Executive Committee champions/ILO/IOM  IOM (development of guidance)
21. Invite experts to provide technical briefings on innovative approaches	Enhanced understanding among the Executive Committee and its	Expert briefings in conjunction with Executive Committee meetings	Continuous	Executive Committee champions

<i>Activity</i>	<i>Expected result(s)</i>	<i>Possible approach(es) to implementation/potential modalities</i>	<i>Indicative time frame for implementation</i>	<i>Lead/co-leads</i>
to the Executive Committee and its subgroups	subgroups of innovative approaches			
22. Continue engaging with relevant stakeholders	Enhanced stakeholder engagement	<p>Inviting ad hoc members to collaborate in implementing activities in this plan of action</p> <p>Stakeholder meeting</p> <p>Considering and producing communication material, as appropriate</p> <p>Improving communication channels, as appropriate</p>	Continuous	<p>TFD</p> <p>IOM/PDD (contingent on funding)/relevant partners</p>

## Technical expert group on comprehensive risk management: plan of action

This plan, developed by the TEG-CRM, identifies actions that will contribute to the implementation of the activities under strategic workstream (c) of the five-year rolling workplan of the Executive Committee of the Warsaw International Mechanism for Loss and Damage associated with Climate Change Impacts, to be made accessible to and used by national governments, as appropriate, as outlined in activity 6 of strategic workstream (c). Where relevant, linkages to other workstreams have been identified. The leads or co-leads of the actions will consult with the TEG-CRM, as appropriate, in undertaking the respective actions, and report orally at TEG-CRM meetings (or, where relevant, as agreed with the TEG-CRM) on the progress of those actions, undertaken in collaboration with the TEG-CRM and the Executive Committee.

<i>Result/related activity under workstream (c) of the five-year rolling workplan of the Executive Committee</i>	<i>Actions/deliverables</i>	<i>Lead/co-leads</i>	<i>Indicative time frame for completion of action</i>
<b>Methodologies for enhancing knowledge and understanding of CRM approaches identified and/or developed (activity 2a)</b>	A.1		
	At COP 25, the NAP Expo and/or the Adaptation Futures conference, hold an event (tentative title: “Bringing together comprehensive risk management with national adaptation plans and other relevant processes”), with the following subactions:	IISD/MCII/CA/IIASA/IFRC/UNDRR	By end 2020
	i. Develop guidance documents on CRM (broad focus: nationally determined contributions, NAPs) to be discussed at the events above and made available on the Fiji Clearing House for Risk Transfer [ <i>linkages with activity 5b</i> ]	CA/IIASA/IISD/MCII/IFRC	
	ii. Prepare (or share) infographic on links between NAP processes and DRR strategies to promote CRM approaches [ <i>linkages with activity 5b</i> ]	IISD/UNDRR	
	iii. Share summary of responses to the questionnaire on climate risk completed under the initial two-year workplan of the Executive Committee with the TEG-CRM	Secretariat	



<i>Result/related activity under workstream (c) of the five-year rolling workplan of the Executive Committee</i>	<i>Actions/deliverables</i>	<i>Lead/co-leads</i>	<i>Indicative time frame for completion of action</i>
	iv. Share examples from ongoing or completed CRM approaches with the TEG-CRM	WFP/IFRC	
	A.2 Prepare and share the summary of the event referred to in activity A.1 above with the Executive Committee for its consideration	Secretariat	By end 2020
	A.3 Organize an expert meeting on risk assessment and adaptation with a view to informing the IPCC assessment process <sup>a</sup>	IFRC/IIASA/CA/UNDRR	By end 2020
	A.4 Develop a NAP database, tagging CRM approaches and lessons learned in different countries	IISD	2020–2021
	A.5 Capture and share lessons learned from the NAP Global Network’s regional peer learning summit for the Pacific on linking community assessment with the NAP process	IISD/CA	By end 2020
<b>Revised compendium (activity 2b)</b>	B.1 Revise and update the compendium on CRM on the basis of final inputs from the TEG-CRM	Secretariat	Completed

<i>Result/related activity under workstream (c) of the five-year rolling workplan of the Executive Committee</i>	<i>Actions/deliverables</i>	<i>Lead/co-leads</i>	<i>Indicative time frame for completion of action</i>
	B.2 Create and maintain a user-friendly version of the compendium and, where necessary, update information on CRM approaches	Secretariat	Continuous
<b>Paper(s) with clear priority (activity 2c)</b>	C.1 Prepare paper(s) on social protection and forecast-based approaches	IFRC, WFP, ActionAid, ODI and relevant organizations (e.g. DIE <sup>b</sup> )	In 2020
<b>Improved and enhanced understanding of tools and instruments for addressing the limits of the current CRM approaches and actions to facilitate transformational approaches (activity 2d)</b>	D.1 Prepare technical paper(s) and undertake a book project on incremental and transformational approaches in collaboration with the TEG-CRM and relevant institutions	CA/IIASA/IFRC/UNU and relevant organizations	In 2020
	D.2 Issue a call for submissions to support activity D.1 above	Secretariat	In 2020
	D.3 Conduct a desk review on the climate-conflict-food security nexus	WFP/Victor Cardenas/IFRC, <sup>c</sup> in collaboration with relevant knowledge partners	2019–2020
	D.4 Identify how artificial intelligence can help in further developing CRM approaches (including regulatory frameworks)	Linda Siegele/IIASA, in collaboration with relevant knowledge partners (e.g. DIE)	In 2020
<b>Enhanced understanding of how the Fiji Clearing</b>	E.1 Invite partners to share information on the usage of the Clearing House, topics and	Secretariat	In 2020

<i>Result/related activity under workstream (c) of the five-year rolling workplan of the Executive Committee</i>	<i>Actions/deliverables</i>	<i>Lead/co-leads</i>	<i>Indicative time frame for completion of action</i>
<b>House for Risk Transfer supports the work of the Executive Committee and the TEG-CRM (activity 2e)</b>	questions posed and relevant information, and submit that information to the Executive Committee for consideration of how the Clearing House mechanisms can be enhanced to support the specific needs for disseminating the outputs of the TEG-CRM		
<b>Relevant regional and global research programmes and organizations that provide capacity-building for observation and risk assessment identified (activity 4a)</b>	<p>A.1</p> <p>Compile and complete an initial list of relevant regional and global research programmes and organizations (including a full list of acronyms), complemented by a list of international businesses, that provide capacity-building for observation and risk assessment [<i>linkages with activity 1a under strategic workstream (a)</i>]</p> <p>A.2</p> <p>Organize a stakeholder engagement workshop to identify capacity gaps related to observation and risk assessment at the national, regional and global level and to learn from national examples with a view to enhancing national and regional capacity [<i>linkages with activity 2d under strategic workstream (e)</i>]</p>	<p>WMO and UNDRR</p> <p>Secretariat in collaboration with WMO and UNDRR</p>	<p>Completed</p> <p>October 2019</p>
<b>Enhanced understanding and awareness of the user interface platform and other tools available through WMO that</b>	<p>B.1</p> <p>Make a presentation at Excom 9 and collaborate in designing and conducting the stakeholder workshop referred to in activity A.2 above</p>	WMO and UNDRR	Completed

<i>Result/related activity under workstream (c) of the five-year rolling workplan of the Executive Committee</i>	<i>Actions/deliverables</i>	<i>Lead/co-leads</i>	<i>Indicative time frame for completion of action</i>
<b>support the design and implementation of CRM approaches among relevant users (activity 4b)</b>	B.2 Continue to engage with the Executive Committee on matters related to activity 4 under workstream (c) of its five-year rolling workplan and in implementing CRM approaches	WMO	In 2020
<b>Capacity-building needs identified, as appropriate (activity 4c)</b>	C.1 Prepare a workshop report on how to address key capacity gaps related to observation and risk assessment on the basis of the outcomes of activity A.2 above [ <i>linkages with activity 2d under strategic workstream (e)</i> ]	Secretariat in collaboration with WMO and UNDRR	By end 2019
<b>Development and/or dissemination of guidance facilitated, as appropriate, for comprehensive risk profiles, and, where possible, comprehensive risk profiles developed for designing and implementing country-driven risk/risk assessments at the national level, including for the preparation of asset inventories (activity 5a)</b>	A.1 Hold a workshop (working title: “Unifying climate risk data at the country level”) at the fifty-second sessions of the subsidiary bodies with a view to discussing the added value of creating risk profiles, technicalities/methodologies, standards and data sources for risk profiles, including the preparation of asset inventories  A.2 Develop a comprehensive risk profile, including a case study on climate risk and social protection in Indonesia and Japan  A.3 Invite relevant organizations, agencies and community-based institutions to share	MCII/UNDRR/Victor Cardenas  Mercy Corps, MCII, UNU and relevant organizations  ActionAid	In 2020  By end 2020  In 2020

<i>Result/related activity under workstream (c) of the five-year rolling workplan of the Executive Committee</i>	<i>Actions/deliverables</i>	<i>Lead/co-leads</i>	<i>Indicative time frame for completion of action</i>
<b>Risk management strategies and approaches/good contingency plans and planning (activity 5b)</b>	experience of and knowledge on risk assessment		
	B.1 Facilitate the development and dissemination of subnational guidance on CRM [ <i>linkages with activity 2a</i> ]	IFRC/IIASA/UNU and relevant organizations	2019–2020
	B.2 Organize a side event and deliver a presentation on CRM knowledge products (e.g. evidence on costs and benefits of different risk management approaches) at the Dialogue Platform on forecast-based finance	WFP and IFRC	By end 2019
	B.3 Organize regional expert workshops to identify regional stakeholders and needs related to climate risk management (building on activity A.2 above) and to support the development of national and subnational DRR plans, inclusive of ecosystem-based solutions, informed by climate risk	UNDRR and relevant organizations	2019–2020
	B.4 Prepare a paper or synthesis report on risk layering, inclusive of strategies and methodologies for assessing risk layering and risk governance [ <i>linkages with activity 3b under strategic workstream (e)</i> ]	IIASA/IFRC/Victor Cardenas/Linda Siegele/WFP (contributor) and relevant organizations	In 2020

<i>Result/related activity under workstream (c) of the five-year rolling workplan of the Executive Committee</i>	<i>Actions/deliverables</i>	<i>Lead/co-leads</i>	<i>Indicative time frame for completion of action</i>
<b>Climate risk solutions (activity 5c)</b>	C.1 Develop a syllabus on governance principles (considering pro-poor principles) related to CRM including disaster risk financing and insurance	MCII	By end 2020
	C.2 Organize a workshop on disaster risk financing and insurance to be held at COP 25 and/or other partnership forums on gender or disaster risk financing and insurance in fragile contexts [ <i>linkages with activity 3b under strategic workstream (e)</i> ]	Start Network/Mercy Corps/ActionAid/WFP	2019–2020
	C.3 Develop a taxonomy and/or topography of disaster risk financing and insurance instruments and their applicability (including how to address adverse selection and uninsurable risks), illustrated by good practice examples [ <i>linkages with activity 3b under strategic workstream (e)</i> ]	MCII	By end 2020
<b>Activities 5a, b and c</b>	D.1 Prepare a synthesis paper on insights from the TEG-CRM subgroup's activities in 2019 and 2020, including recommendations on knowledge gaps and, where relevant, research questions	UNU	By end 2020

<sup>a</sup> Leads/co-leads are contributing to the IPCC Sixth Assessment Report as authors.

<sup>b</sup> Pending nomination of DIE as an ad hoc member of the TEG-CRM and confirmation by the Executive Committee. IFRC and WFP to lead on forecast-based approaches, while ActionAid and DIE will collaborate on social protection, feeding into each other's work.

<sup>c</sup> ICRC, IFRC Climate Centre and ODI are completing a series of round tables on climate and conflict, with a final analysis likely to be completed by early 2020.