

Agenda item 5 (f) i

Joint policy brief of the TEC and the Excom

TEC/2017/17/13

Technology Executive Committee, 17th meeting
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Adelle Thomas

Member of the task force on emerging and cross-cutting issues

Taskforce members

TEC members

Ms. Alysha Bagasra ,Mr. Pedro Borges, Ms. Dinara Gershinkova,
Mr. Mareer Mohamed Husny, Mr. Ian Lloyd, Ms. Duduzile Nhlengethwa-Masina,
Ms. Adelle Thomas

Observer organizations

BINGO: Mr. John Scowcroft – Global Carbon Capture and Storage Institute

ENGO: Ms. Elenita Daño – Action Group on Erosion, Technology and Concentration

RINGO: Ms. Marilyn Averill – University of Colorado at Boulder



Outline

1. Background on Collaboration with Excom
2. Draft Concept Note of the Joint Policy Brief
3. Initial Ideas on Outline for the Joint Policy Brief

1. Background on Collaboration with Excom

Initial communication from Excom to TEC (October 2015)

- Excom invited TEC to consider the issue of loss and damage, and share its outcomes with Excom

TEC 12 – TEC 14 (April 2016 – March 2017)

- TEC agreed to engage with the Excom to explore areas of common interest
- TEC communicated recommendations for entry points for collaboration with Excom, suggesting **technologies for coastal zones** as a common area of interests

Five-year rolling workplan of Excom (October 2017)

- Excom considered the TEC recommendations and reflected them in its five-year rolling workplan, which was subsequently taken note of by COP 23

Joint session with Excom (March 2018)

TEC and Excom agreed:

- To develop a **joint policy brief on technologies for coastal zones**
- To establish a joint intersessional WG to elaborate a **draft concept note** for the brief
- To demonstrate progress of the joint work at COP 24



2. Draft Concept Note for the Joint Policy Brief

General scope of the joint policy brief

TEC and Excom agreed at the joint session the general scope of the joint policy brief.

To explore technology options, including hardware, software and orgware:

- a) To observe and assess climate impacts on the coastal sector, including those associated with slow onset events, and including gaps and challenges for countries utilizing these technologies;
- b) That can be used to both manage and accommodate these impacts in a comprehensive manner and by including technological solutions that could help address permanent and irreversible damage, if any.



2. Draft Concept Note of the Joint Policy Brief

Modalities of work

- The preparation of the joint policy brief will be coordinated by a **TEC-Excom joint working group** (two Excom liaison members and two representatives of the TEC task force on emerging and cross-cutting issues)
- This joint WG will advance the work intersessionally, which include coordinating, the gathering of technical inputs, consulting on contents and preparation of draft documents, including through organizing thematic dialogue/technical consultations.
- Relevant experts in the field of technologies for coastal zones and loss and damage will be engaged in on a voluntary basis, in the work of the joint working group.
 - So far, **Inter-American Institute for Global Change Research (IAI)** has expressed its interest to collaborate with TEC and Excom in development of the joint policy brief in a voluntary basis.
 - Any other potential organizations/experts to be engaged?



2. Draft Concept Note of the Joint Policy Brief

Indicative milestones

Date	Activities
COP24 (December 2018)	Demonstration of progress of work
Spring 2019 (TBD)*	Organization of an expert dialogue*
Expert dialogue, TEC18/Excom9 (Spring 2019)	Consideration of the structure, outline of the policy brief / input to the brief
Between TEC18/Excom9 and TEC19/Excom10 (Summer 2019)	Preparation of a draft policy brief
TEC19/Excom10 (Fall 2019)	Final inputs to/clearance of the draft policy brief
COP25 (December 2019)	Release of the policy brief

* If an external organization expresses its interest to collaborate with the Excom and TEC by hosting or providing such expert dialogue/meeting, this will be pursued and taken into consideration.



3. Initial ideas on outline for the joint policy brief

I. **Draft Title of the policy brief**

Technologies for Loss and Damage in Coastal Zones

II. **Indicative Audience**

Policymakers and practitioners at national and regional scales

III. **Draft outline of the policy brief**

1. Introduction

- Brief overview of comprehensive risk management. i.e. risk assessment, risk reduction, risk transfer and risk retention
- Brief overview of categorisation of technology options. i.e. hardware, software, orgware
- Brief overview of types of loss and damage experienced in coastal zones i.e. economic and non-economic



3. Initial ideas on outline for the joint policy brief

III. Draft outline of the policy brief (Cont.)

2. Technologies for Coastal Zone Risk Assessment

- Overview of types of technologies available (perhaps pull from CTCN) including hardware, software, orgware
- Opportunities and challenges
- Case studies of use of select technologies

3. Technologies for Coastal Zone Risk Retention

- Overview of types of technologies available (perhaps pull from CTCN) including hardware, software, orgware
- Opportunities and challenges
- Case studies of use of select technologies

4. Technologies for Recovery and Rehabilitation in Coastal Zone

- Overview of types of technologies available (perhaps pull from CTCN) including hardware, software, orgware
- Opportunities and challenges
- Case studies of use of select technologies



Expected action

The TEC is invited to

- Consider the **draft concept note**
- Provide **guidance on further work** for the development of the joint policy brief

Thank you!



Adelle Thomas

Member of the task force on emerging and cross-cutting issues