

Working document

[Section G - Technology development and transfer]

Version of 4 September at 19:30

Main observations:

- Parties recognized the importance of technology development and transfer in the draft Agreement and that the current section could be strengthened.
- Parties agreed that cooperative action is key to facilitate and promote technology development and transfer, and some Parties were of the view that the provisions of the current text could be enhanced to include other aspects.
- Most Parties expressed the view that the institutional arrangement on technology development and transfer is an important element to serve the draft Agreement, but there are different views on how to strengthen the institutional arrangement.
- Parties discussed the proposed framework on enhanced action on technology development and transfer, trying to identify ‘what to do’ (in the draft Agreement) and ‘how to do it’ (in the draft Decision). The discussion clarified that the framework:
 - Is not intended to create new institutions;
 - Would provide direction and overarching guidance to the work of the existing institutions in the medium and long terms and strengthen them.
- Parties discussed the following possible elements of the narrative of the draft Agreement for the technology section:
 - A group of Parties proposed the possible elements as follows:
 - Aspirational (long-term) aspects to enhance technology development and transfer;
 - Cooperative actions;
 - Specific actions by Parties (many elements contained in Part III of the Tool¹ could be used as the basis for further discussion);
 - Institutional arrangement and resource support (funding) to support these enhanced actions;
 - Another Party proposed other possible elements as follows:
 - The role of technology;
 - Recognition of positive developments;
 - Cooperative action, which could include other provisions in the text;
 - Institutional arrangements;
 - Another Party proposed other possible elements as follows:
 - A section on the importance of technology;
 - Developing and strengthening institutions and mechanisms;

¹ ADP.2015.4.Informal Note, Annex II - available at <<http://unfccc.int/resource/docs/2015/adp2/eng/4infnot.pdf>>

- Reviews and how to update them over time;
 - Restatement of commitment to address barriers and commitment to enhance the deployment of technology.
- Based on the output of an informal meeting (spin-off group), Parties further engaged in discussion on possible elements of the narrative of the draft Agreement for the technology section and reflected their views in the table below. This table has no status and will serve only as an internal tool for Parties to assist their consideration on how these elements (listed in the first column of the table) relate to current provisions in the Tool. In relation to what could be part of the draft Agreement and what could be part of the draft Decision:
 - Parties converged on a number of elements to be reflected in the draft Agreement:
 - Recognition of the important role of technology;
 - Cooperative actions;
 - Anchoring technology institutional arrangements;
 - With regard to the recognition of the important role of technology, Parties noted that this element would be best placed in the preamble to the draft Agreement;
 - With regard to the framework for enhanced action, Parties recognized that further discussions were needed in order to clarify which aspects of this element could be part of the draft Agreement and draft Decision;
 - Parties also agreed that aspects of strengthening institutions and the framework could be elaborated in the draft Decision;
 - Parties noted that technology needs assessment and periodic assessment of institutional arrangements (current provisions in Part II of the Tool) could be part of the draft Decision;
 - A number of Parties proposed that several provisions currently in Part III of the Tool be moved to Part I, including provisions on framework, addressing barriers, and access and innovation;
- Some Parties also noted that important elements of the technology section that appear in the table have not yet been addressed and this remains a task to be undertaken.
- Parties were presented with the output of an informal meeting (spin-off group) on textual work on the following topics: cooperative actions, anchoring institutional arrangements and framework for enhanced actions, as contained in the annex to this document. Furthermore, it was reported that:
 - On cooperative actions: there was no agreement on which proposal would be used as the way to move forward with textual work;
 - On anchoring institutional arrangements: Parties did not have the opportunity to discuss the second textual proposal due to time constraints;
 - On framework on enhanced action on technology development and transfer: some Parties expressed the view that they could not agree on the placement of this issue in the Agreement;
- Parties also noted that the informal meeting discussed other topics: access to and innovation of technology and the global goal on technology;

Notes by the Co-Facilitators and next steps:

- Some Parties expressed their concerns with regard to the mode of work and viewed that continuing with only conceptual discussion could potentially delay the progress to move forward. Therefore, they suggested that for the upcoming sessions, discussion should be based on texts, while conceptual discussion could be engaged in as necessary.

AD HOC WORKING GROUP ON THE DURBAN PLATFORM FOR ENHANCED ACTION

Second session, part ten

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Bonn, Germany

Key aspects in section Technology	Part I: Draft Agreement	Part III:	Part II: Draft Decision
<ul style="list-style-type: none"> • Objective/purpose/global goal • Role and importance of Technology (introduction) <ul style="list-style-type: none"> ○ Successes ○ Gaps/evolving needs, finance, access, innovation • What we plan to do, capture gaps: framework • Cooperative action • Anchoring institutions • Framework • Strengthening institutions and framework <ul style="list-style-type: none"> ○ What existing institutions are doing (reiteration): (TNA) • Review and how to update overtime <ul style="list-style-type: none"> ○ Review of Framework • Restate commitments to address barriers and commitments to enhance deployment of technology 	20. COOPERATIVE ACTION	70. GLOBAL GOAL FOR TECHNOLOGY	34. TECHNOLOGY NEEDS ASSESSMENT
		71. FRAMEWORK FOR ENHANCED ACTION	35. STRENGTHENING INSTITUTIONAL ARRANGEMENTS
		72. INDIVIDUAL EFFORTS	36. SUPPORT OPERATIONALIZATION AND DELIVERY
		72.1. ADDRESSING BARRIERS BY DEVELOPED COUNTRIES	37. ENHANCING COOPERATION
		72.2. ADDRESSING BARRIERS BY DEVELOPING COUNTRIES	38. PERIODIC ASSESSMENT OF INSTITUTIONAL ARRANGEMENTS
		72.3. ACCESS AND INNOVATION	84. TECHNOLOGY WORK PROGRAMME
		72.4. TECHNOLOGY NEEDS ASSESSMENT	71. FRAMEWORK FOR ENHANCED ACTION
		72.5. RESEARCH, DEVELOPMENT AND DEMONSTRATION	
		72.6. INDIVIDUAL EFFORTS – TECHNOLOGY COMPONENT	
		72.7. COLLECTIVE COOPERATION	
	73. INSTITUTIONAL ARRANGEMENTS TO SERVE THE AGREEMENT		

- Green: there is convergence to have the provision in the draft Agreement.
- Yellow: that there is convergence to have the provisions in the draft Decision.
- Grey: further discussions are needed to clarify which aspects of this element could be part of the draft Agreement and draft Decision.

Annex – Output of the informal meeting on Drafting: cooperative actions, anchoring institutional arrangements, and framework for enhanced actions**Cooperative action**

20.

All Parties [, in accordance with their common but differentiated responsibilities and respective capabilities] [in light of their evolving circumstances and capabilities] [shall][should] strengthen cooperative action to promote and enhance technology development and transfer including through the institutional arrangements for technology under the Convention in order to support the implementation of mitigation and adaptation [actions][commitments] under this agreement.

Developed country Parties, in accordance with the principles and provisions of the Convention, in particular Article 4, paragraphs 1, 3 and 5, and Article 11, shall strengthen [their] cooperative action to promote [, and facilitate] and enhance technology development and transfer to better facilitate the implementation of the Convention and promote [, and facilitate] and enhance access to environmentally sound technologies and know-how including through the institutional arrangements for technology established under the Convention and through the Financial Mechanism.

Anchoring institutional arrangements

73.

The [Technology Mechanism] [and] [any] [institutional arrangements for technology [development and transfer]] established under the Convention shall serve this Agreement [, including facilitating enhanced action [and access to environmentally sound technology and [know-how]] [from developed countries to developing countries] on technology development and transfer and [know-how] [from developed countries to developing countries] [among all Parties] and supporting Parties in implementing their [contributions][commitments][actions] under this Agreement].

The institutional arrangements for technology development and transfer established under the convention shall serve this agreement, including facilitating enhanced action and Access to environmentally sound technology and know-how among all Parties to support all Parties in implementing their (mitigation and adaptation) commitments under this agreement.

Framework for enhance actions

71.

Parties, [reflecting their evolving circumstances] [in accordance with the principles and provision of the Convention] in order to promote [, facilitate] and enhance technology development and transfer [and facilitate the implementation of the [commitments under the] Convention], shall establish a framework for enhanced action on technology development and transfer [to be implemented by the [Technology Mechanism][institutional arrangements] [with the aim of facilitating access to technologies, addressing financing for the implementation, and [removal [or avoidance] of] barriers, and creating appropriate enabling environment].