

Ad Hoc Expert Meeting on

**Climate Change Adaptation for  
International Transport:  
Preparing for the Future**

16 to 17 April 2019

**United Nations Framework Convention on  
Climate Change**

Presentation by

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Ad Hoc Expert Meeting on Climate Change Adaptation for  
International Transport:

*Preparing for the Future*

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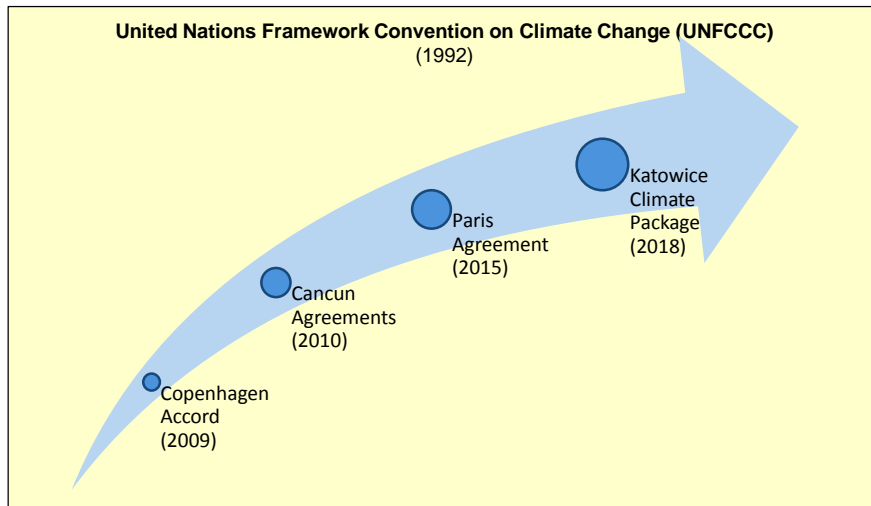
Contents

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- UNFCCC Milestones
- The Paris Agreement
  - Purpose and long-term goals
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  - (i)NDCs – focus on adaptation
- Marrakech partnership – action on transport
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- Closing remarks



The multilateral process - Timeline and milestones



Paris Agreement | Purpose



PARIS2015  
CONFERENCE OF PARTIES UNDER  
THE UNFCCC (COP21-CMP11)

Purpose and long-term goals

Purpose ⊖

**Reason:** This Agreement, in enhancing the implementation of the Convention, including its objective,

**Aims:** to **strengthen the global response** to the threat of climate change, in the **context of sustainable development and efforts to eradicate poverty**, including by

Holding the increase in the global average temperature to well below 2 °C above pre-industrial levels and pursuing efforts to limit the temperature increase to 1.5 °C above pre-industrial levels, **recognizing that this would significantly reduce the risks and impacts of climate change** (referred to in Article 4.1 as long-term temperature goal)

Action / Goals: ⊖



Increasing **the ability to adapt** to the adverse impacts of climate change and **foster climate resilience** and **low greenhouse gas emissions development**, in a manner that does not threaten **food production**; and



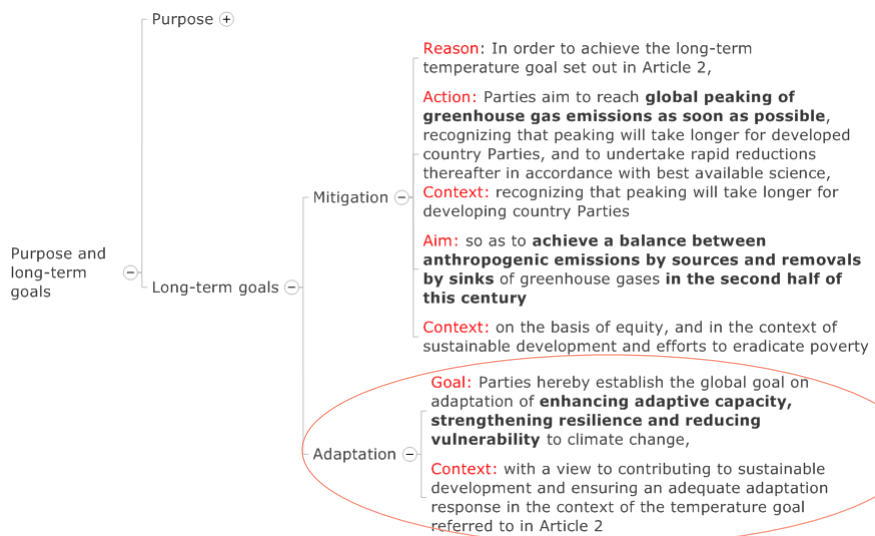
**Making finance flows consistent** with a pathway towards low greenhouse gas emissions and climate-resilient development.

**Context:** This Agreement will be implemented to reflect equity and the principle of common but differentiated responsibilities and respective capabilities, in the light of different national circumstances.

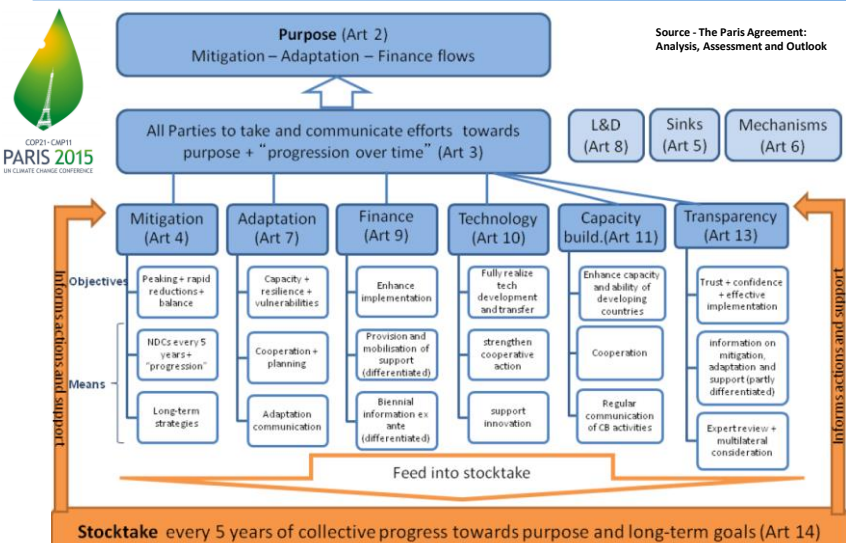
Long-term goals ⊕



Paris Agreement | Long-term goals



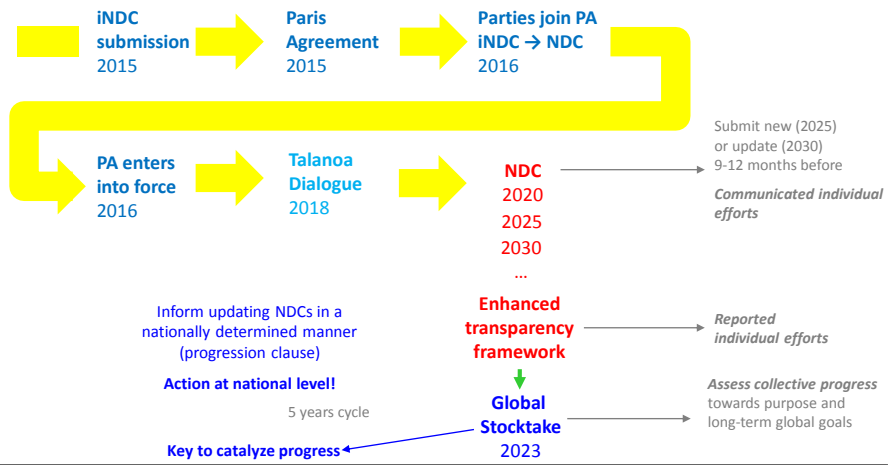
Paris Agreement | Structure



A new approach – pledge and review (except for adaptation)



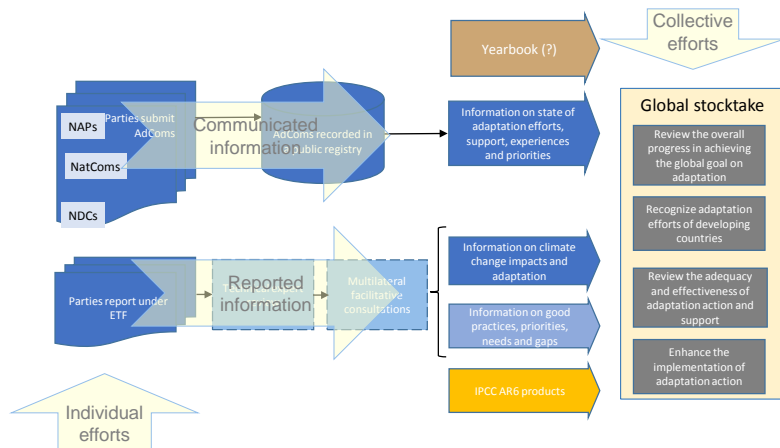
Paris Agreement | The "ambition" cycle



(I)NDCs: Put us at a median global mean temperature increase of 2.6–3.1 degrees Celsius by 2100 (probability + uncertainty)

The GST will lead to enhanced action over time, thus reducing median global temp

Paris Agreement | Adaptation



**Legend**

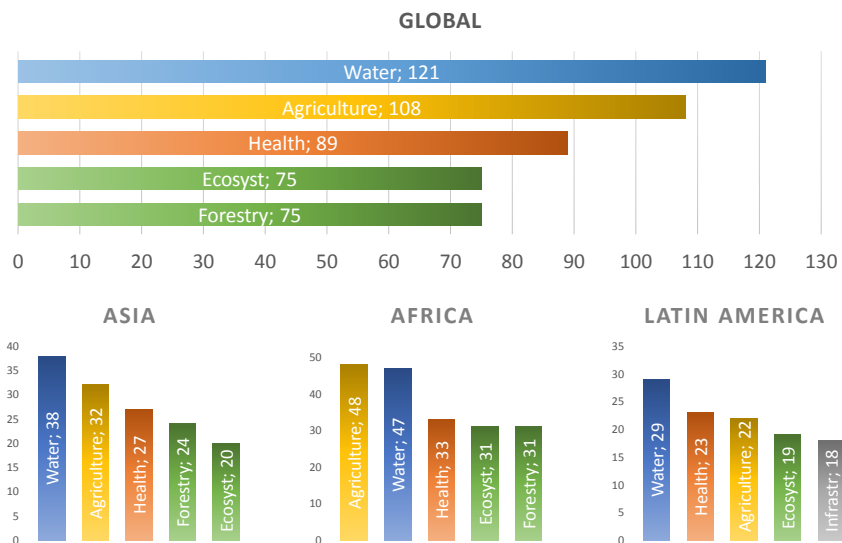
- Information from Parties
- Information on science
- Purpose and long-term mitigation goals
- Information from NPSH



- ❖ Parties with a 2025 target in their NDCs need to “communicate new” NDCs by 2020 → 31 countries are in this position;
- ❖ Parties with a 2030 target need to update their NDCs by 2020
- ❖ Seven Countries are currently in a position of possibly overachieving their NDCs;



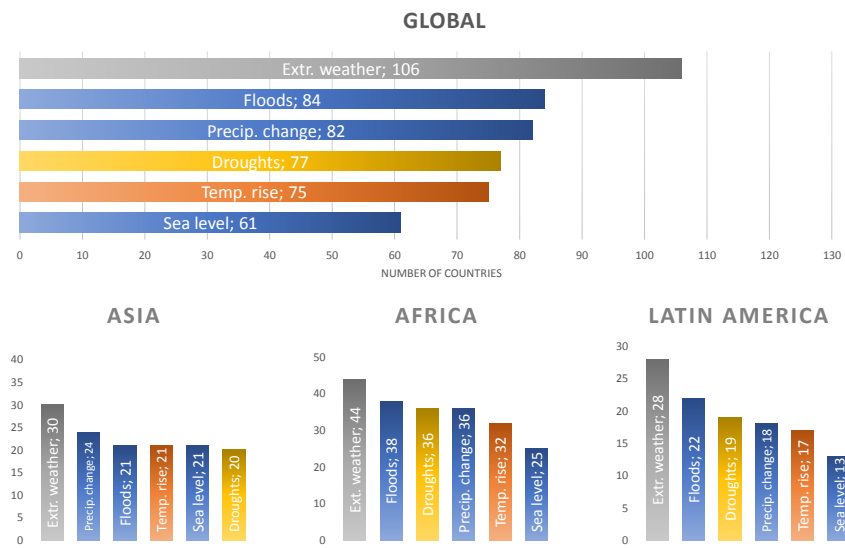
PARIS2015  
UN CLIMATE CHANGE CONFERENCE  
COP21-CMP11



75 % (132) of (I)NDCs prioritize **climate action** in the transport sector – mostly mitigation



Paris Agreement | Climate hazards identified in adaptation components of (I)NDCs



Marrakech Partnership for Global Climate Action (MPGCA) – established at COP 22 for pre-2020

- MPGCA has organized **Transport Action Events** at each COP since the 21<sup>st</sup> session (2015) → some topics at COP24: **setting strategic visions and tools**, and **developing safe and affordable services for the sector**
- Works under the leadership of **two climate champions** charged with **triggering more ambitious action**, mostly by non-Party stakeholders, including in the transport sector
- At COP 22, over 395 individuals and 55 organizations signed a **declaration on resilient transport in a changing climate committing to accelerate efforts to make transport infrastructure, systems and services more resilient to current and future climate change** by integrating adaptation into all their relevant policies or guidelines, investment decisions, infrastructure design and construction parameters, and transport operations
- As of Dec 2018, there were **22 MPGCA transport initiatives** touching on all transport modes → the initiatives are at various stages (**defining targets, indicators, etc.**)

16. Navigating a Changing Climate

Navigating a Changing Climate:  
Think Climate to reduce emissions, strengthen resilience and adapt waterborne transport infrastructure

Objectives

Provide a platform to share knowledge and provide technical support to the owners, operators and users of waterborne transport infrastructure, enabling them to:

- Reduce greenhouse gas emissions and promote a shift to low carbon maritime and inland navigation infrastructure
- Act urgently to improve preparedness, strengthen resilience, and adapt maritime and inland navigation infrastructure
- Seek integrated and sustainable solutions, with an emphasis on Working with Nature



### Some relevant resources | Nairobi Workprogramme

**Knowledge platform:** contains Adaptation case studies; [Methods and tools](#); Relevant publications, technical documents, training material and online portals; Latest [news](#) on adaptation under UNFCCC process, and from NWP partner organizations.

INFORMATION TYPE- GEOGRAPHIC REGION- ADAPTATION SECTOR/THEME- ADAPTATION ELEMENT- CLIMATE HAZARD-

SEARCH: transport

SEARCH: agriculture

SELECTED TAGS:

NWP PARTNER ORGANIZATIONS (3 RESULTS)	NWP PARTNER ORGANIZATIONS (209 RESULTS) <input type="button" value="v"/>
NWP ACTION PLEDGES (6 RESULTS)	NWP ACTION PLEDGES (38 RESULTS) <input type="button" value="v"/>
CASE STUDIES (22 RESULTS)	CASE STUDIES (229 RESULTS) <input type="button" value="v"/>
TOOLS (4 RESULTS)	TOOLS (114 RESULTS) <input type="button" value="v"/>
	TECHNICAL DOCUMENT/REPORTS (8 RESULTS) <input type="button" value="v"/>

### Closing remarks

- Climate change is having and will continue to have devastating impacts → **Every half a degree matters. Each year matters. Each choice matters!**
- The benefits far outweigh the costs of inaction and international collaboration on addressing climate change is essential!
- Adaptation in transport needs more attention!





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United Nations Framework Convention on Climate Change

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Thank you

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