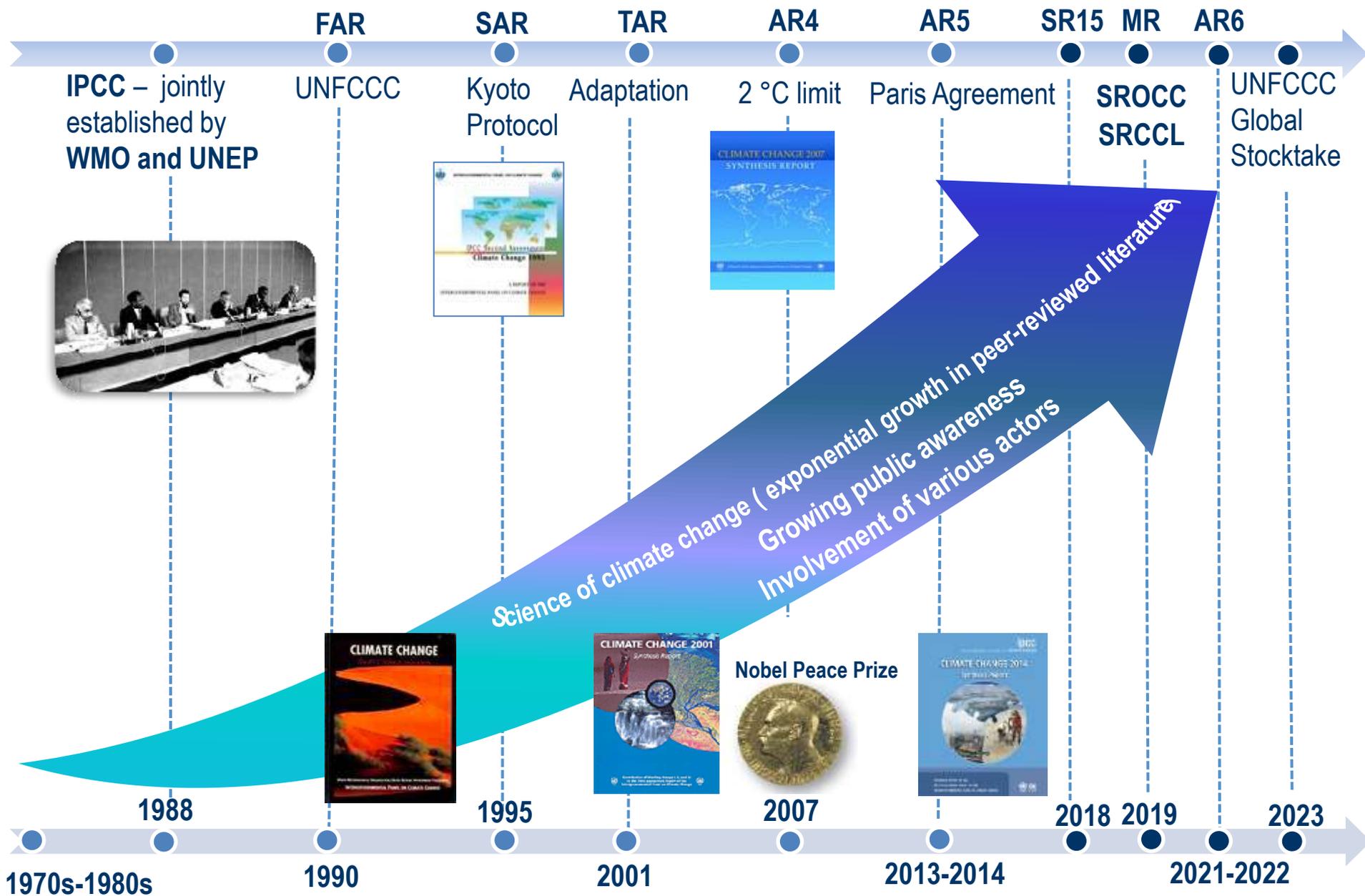


IPCC

How it works & What it's working on

Abdalah Mokssit
Secretary/IPCC

IPCC History and Role



IPCC Reports

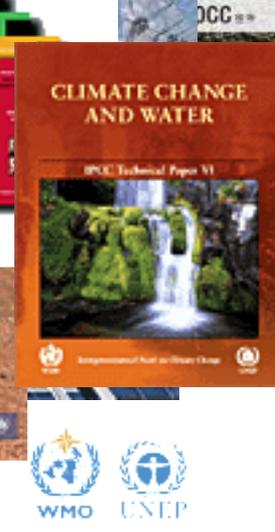
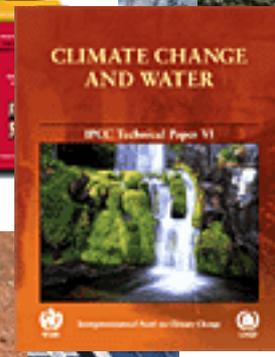
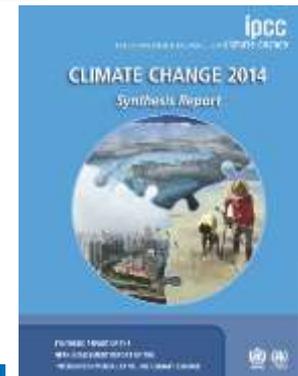
Five assessment reports (1990, 1995, 2001, 2007, 2013-14)

1992 supplementary report and 1994 special report

Nine special reports (1997, 1999, 2000, 2005, 2011, 2012)

Guidelines for national GHG inventories, good practice guidance (1995, 1996, 2000, 2003, 2006, 2013)

Six technical papers (1996-2008)



The role of the IPCC is ...

“... to **assess** on a comprehensive, objective, open and transparent basis the **scientific, technical and socio-economic information** relevant to understanding the scientific basis of risk of human-induced climate change, its potential impacts and options for adaptation and mitigation.”

“IPCC reports should be **neutral with respect to policy**, although they may need to **deal objectively with scientific, technical and socio-economic factors** relevant to the application of particular policies.”

Principles Governing IPCC Work, paragraph 2

Source: <http://www.ipcc.ch/pdf/ipcc-principles/ipcc-principles.pdf>

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Science/Policy Interface

IPCC – jointly established by **WMO** and **UNEP**, action endorsed by the **UN General Assembly**

Intergovernmental Panel: 195 member States appointing National Focal Points

Hundreds of **scientists and experts from around the world** are involved in the preparation of IPCC reports



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Findings



1990

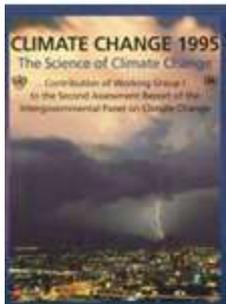
Gave a broad overview of climate change science, discussion of uncertainties and evidence of warming



2001 “There is new and stronger evidence that most of the warming observed over the last 50 years is attributable to human activities”



2007 "Warming of the climate system is unequivocal..."



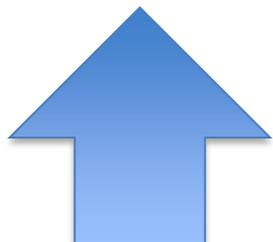
1995

“The balance of evidence suggests a discernible human influence on global climate”

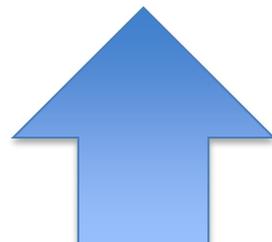


2013 “Human influence on the climate system is clear.”

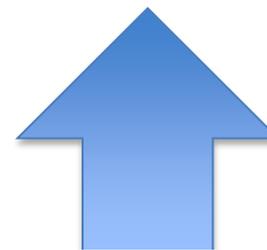
Progress in multiple lines of evidence and the maturation of climate science



Observations



Process based understanding



More sophisticated models

What are IPCC reports used for?



...and is relevant

SUSTAINABLE DEVELOPMENT GOALS



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INTERGOVERNMENTAL PANEL ON climate change





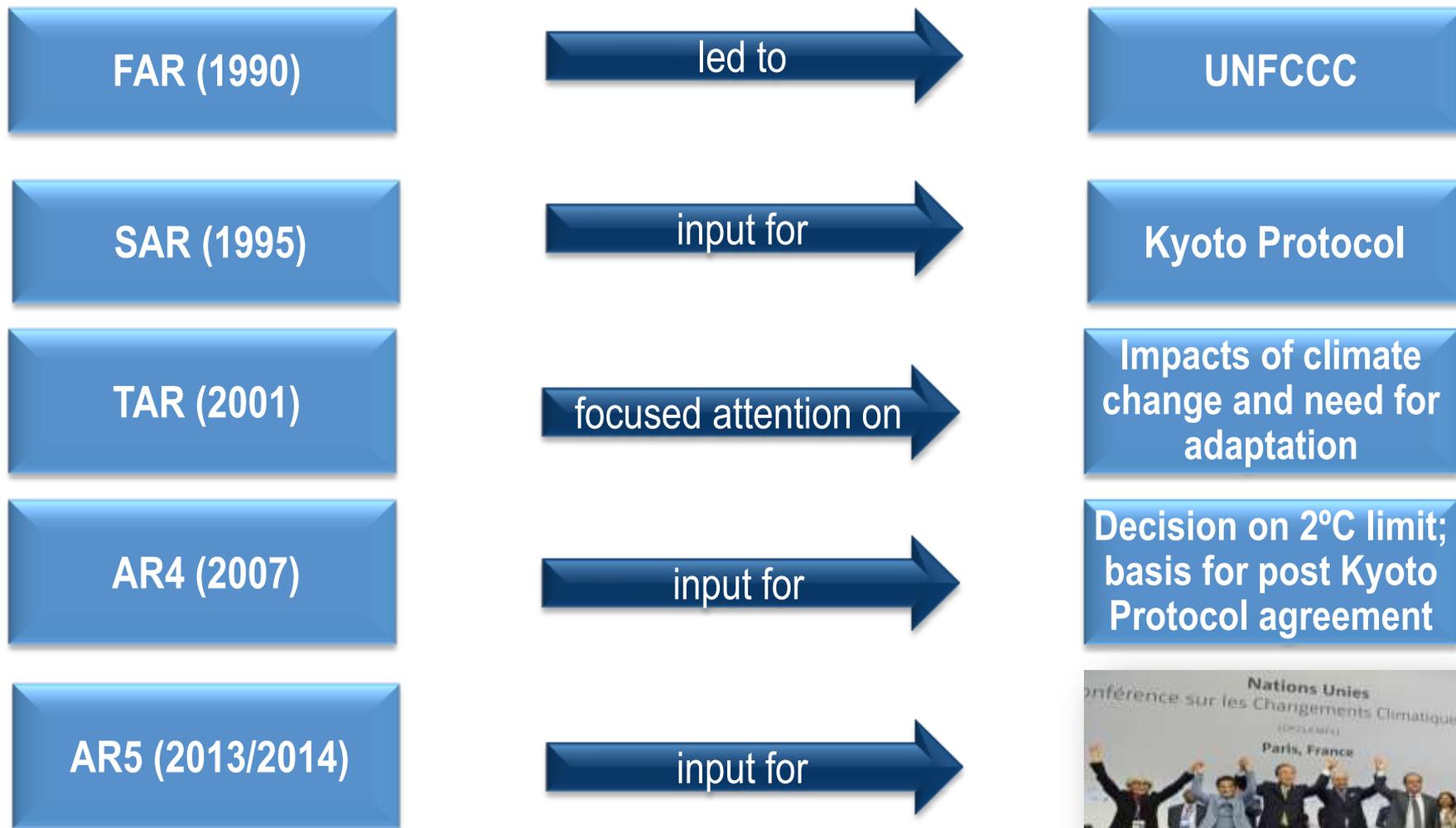
PARIS 2015
UN CLIMATE CHANGE CONFERENCE
COP21·CMP11



Holding the increase in the global average temperature to well below 2 °C above pre-industrial levels and to pursue 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;

Invites the Intergovernmental Panel on Climate Change to provide a special report in 2018 on the impacts of global warming of 1.5 °C above pre-industrial levels and related global greenhouse gas emission pathways;

IPCC reports have made an impact

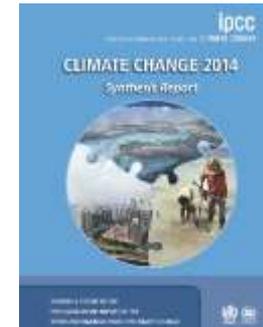
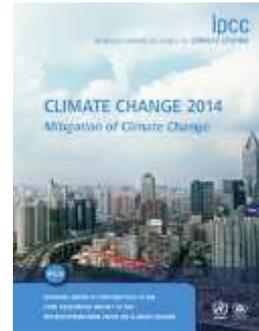


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Achievements: 2013/2014 Fifth Assessment Report



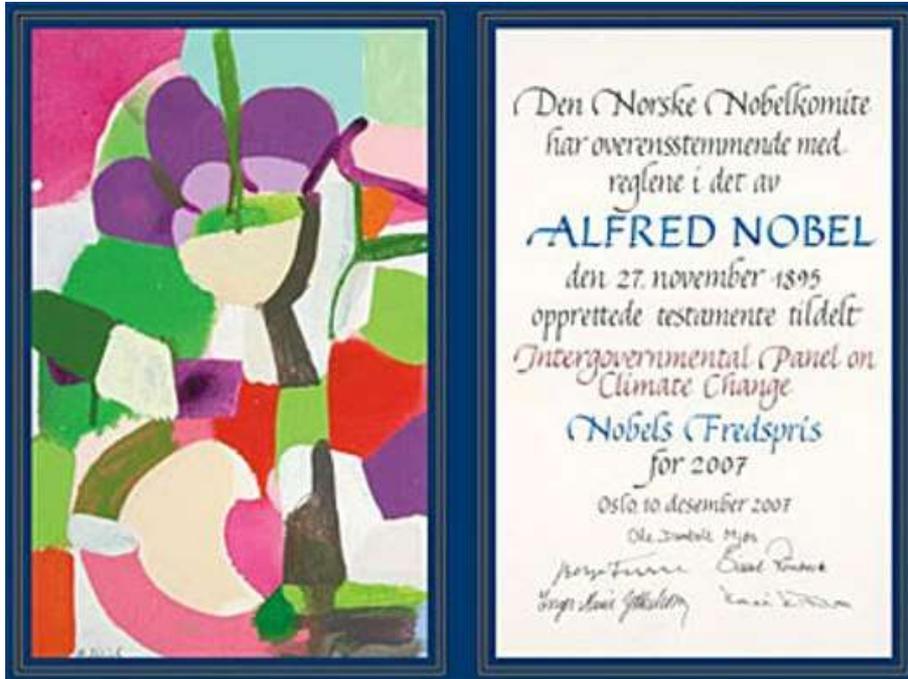
Key messages

Human influence on the climate system is clear

The more we disrupt our climate, the more we risk severe, pervasive and irreversible impacts

We have the means to limit climate change and build a more prosperous, sustainable future

Achievements: 2007 Nobel Peace Prize



The Intergovernmental Panel on Climate Change and Albert Arnold (Al) Gore Jr. were awarded the Nobel Peace Prize

"for their efforts to build up and disseminate greater knowledge about man-made climate change, and to lay the foundations for the measures that are needed to counteract such change".

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The Sixth Assessment Cycle

Sixth Assessment Cycle (AR6)

3 Special Reports

Global Warming of 1.5 °C
(SR15)

October 2018

Climate Change and Land
(SRCCL)

August 2019

Ocean and Cryosphere
(SROCC)

September 2019

UNFCCC COP24 - Talanoa (facilitative) dialogue

Methodology Report update

May 2019: 2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories

Cities



Attention on cities in AR6 including a conference and special report on cities in AR7

AR6 Main Report

2021: Working Group I, II, and III contribution to the Sixth Assessment Report

April 2022: Synthesis Report to the Sixth Assessment Report

UNFCCC global stocktake 2023

IPCC Sixth Assessment (AR6)

Some overarching preliminary aspects for the Synthesis Report

- *Global Stocktake*
- *Interaction among emissions, climate, risks and development pathways*
- *Economic and social costs and benefits of mitigation and adaptation in the context of development pathways*
- *Adaptation and mitigation actions in the context of sustainable development*
- *Finance and means of support*

May 2019

Emission inventories



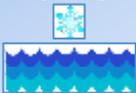
Oct. 2018

Global warming of 1.5 °C



Sept. 2019

Oceans and cryosphere



April 2021

The Physical Science Basis

October 2021

Climate Change Impacts, Adaptation and Vulnerability

April 2022

The Synthesis Report



Talanoa dialogue UNFCCC

Land



Aug. 2019

Mitigation of Climate Change

July 2021

Global stocktake 2023 UNFCCC

March 2018



Cities and Climate Change Science Conference

May 2018



Expert Meeting on Assessing Climate Information for Regions

May 2018



Expert Meeting on Short Lived Climate Forcers

** Dates are subject to change*

Communications & Outreach Activities



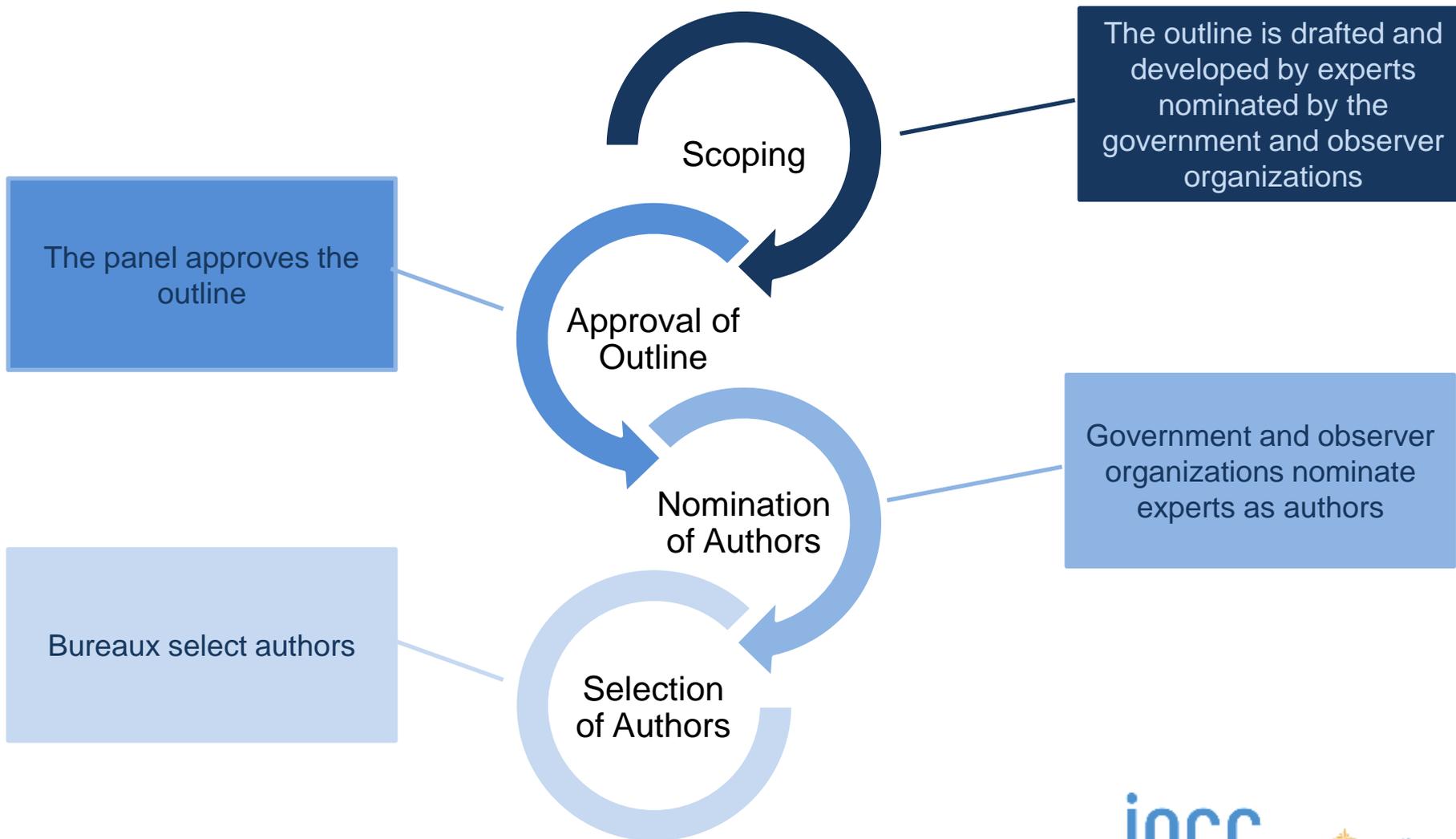
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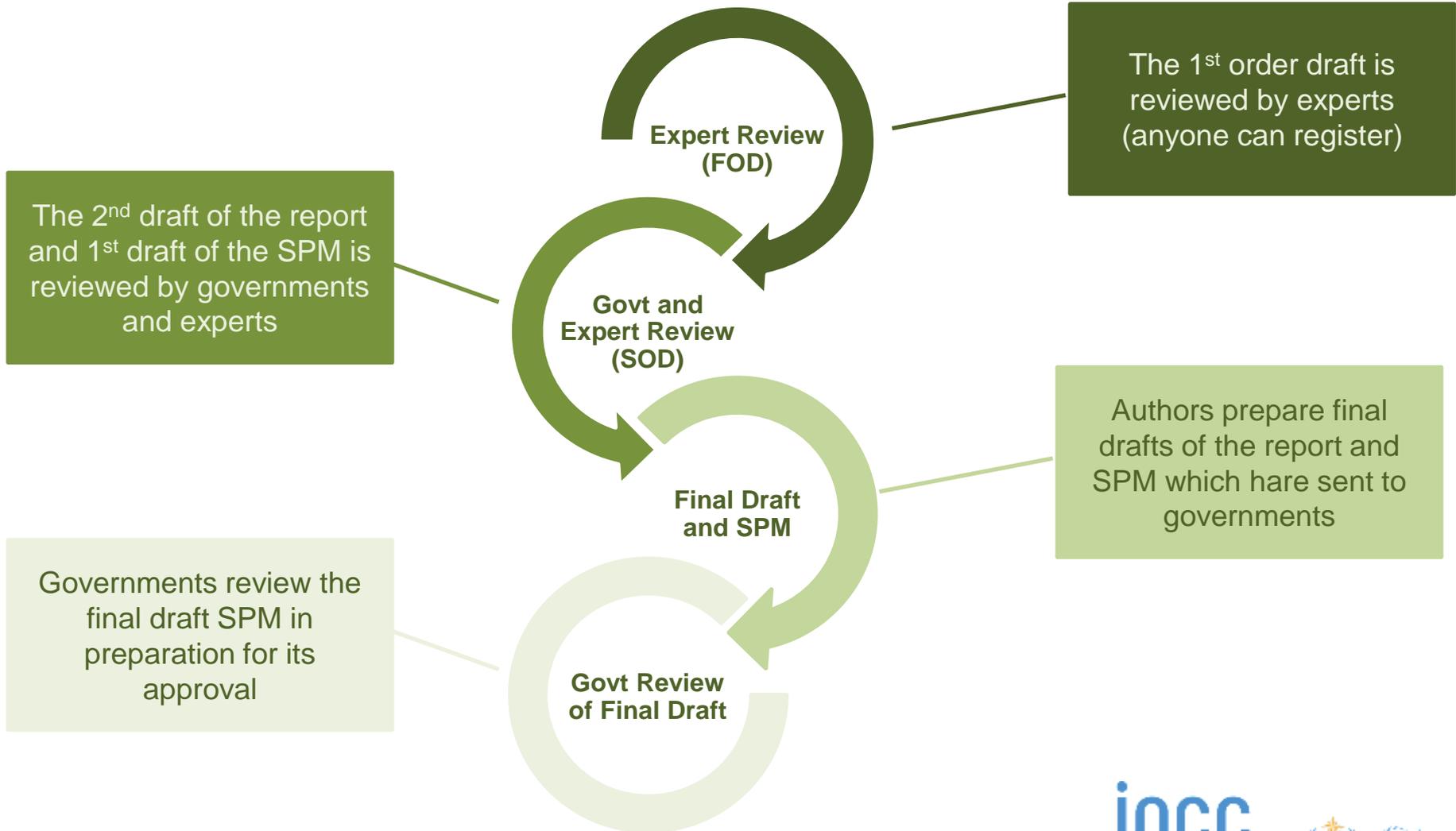


How IPCC Reports are Produced

Preparatory Phase



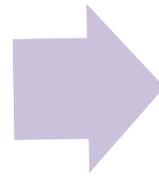
Drafts



Approval and Publication

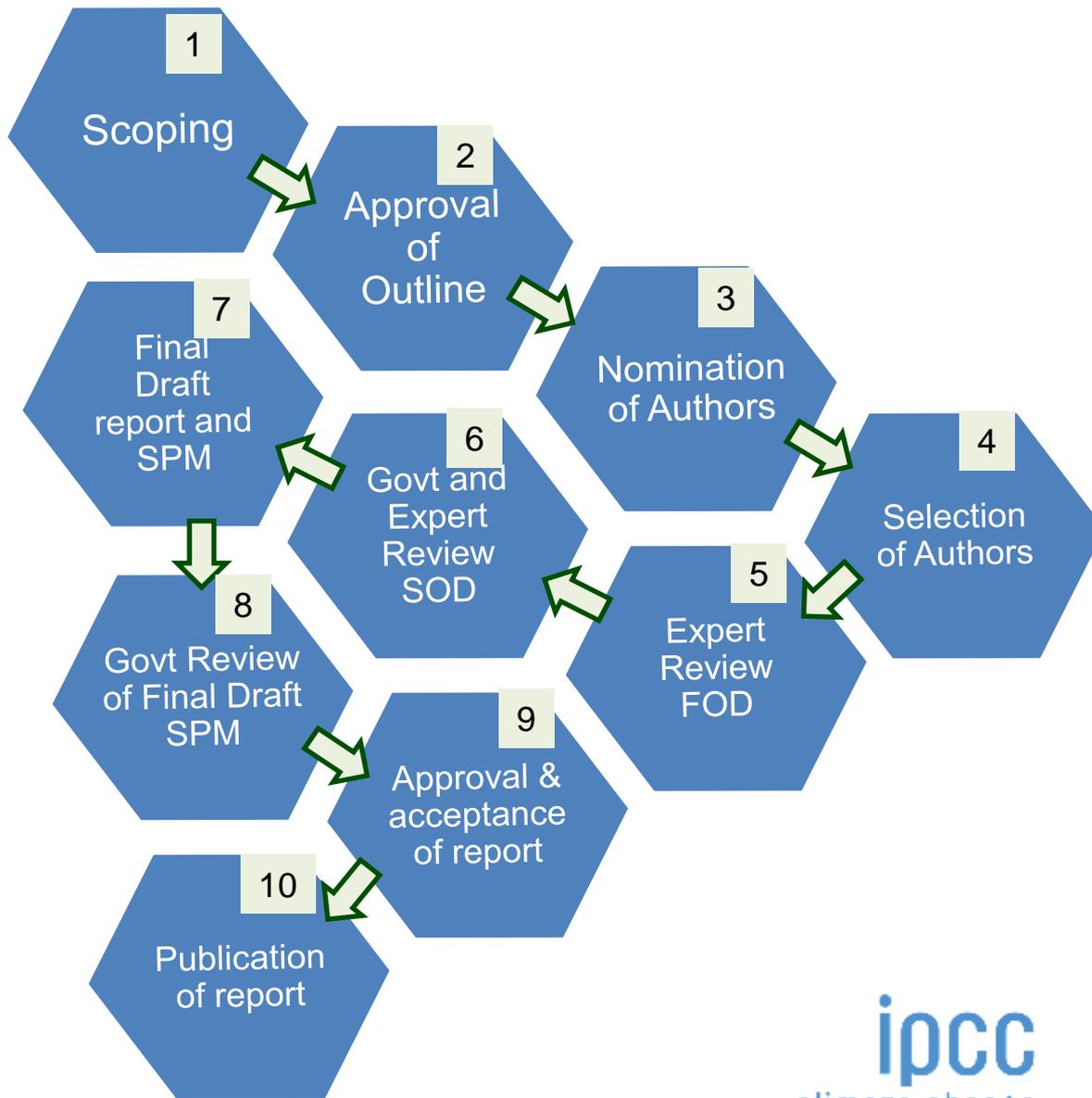


Working Group/Panel
approves SPM and
accepts reports



Publication of report

10 Steps in creating IPCC reports



THANK YOU FOR YOUR ATTENTION!

For more information:

Website: <http://ipcc.ch/>

IPCC Secretariat: ipcc-sec@wmo.int

IPCC Press Office: ipcc-media@wmo.int

Find us on:



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Other Activities and Achievements

National Greenhouse Gas Inventories
(Publication of IPCC Methodology Reports)



Task Group on Data Support for Climate Change Assessments (TG-Data):
facilitates distribution and application of climate change related data and scenarios

Organizing expert meetings and workshops to facilitate
discussion on topics relevant to the Assessment process



10 Steps in creating IPCC reports

