

# IPCC regional perspectives - Africa

Abdalah Mokssit  
Secretary/IPCC

# 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.”

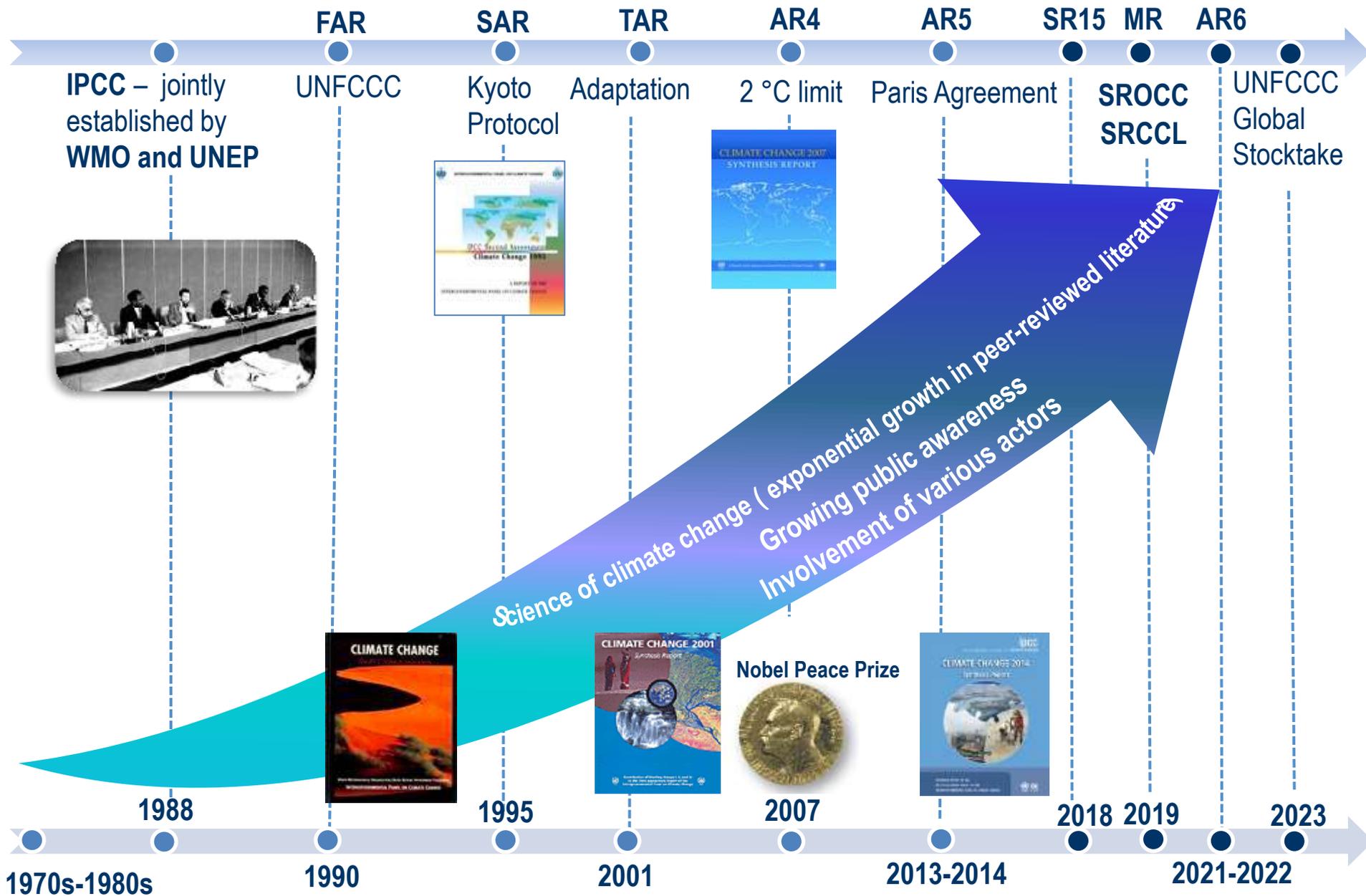
*Principles Governing IPCC Work, paragraph 2*

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

ipcc

INTERGOVERNMENTAL PANEL ON climate change





# 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

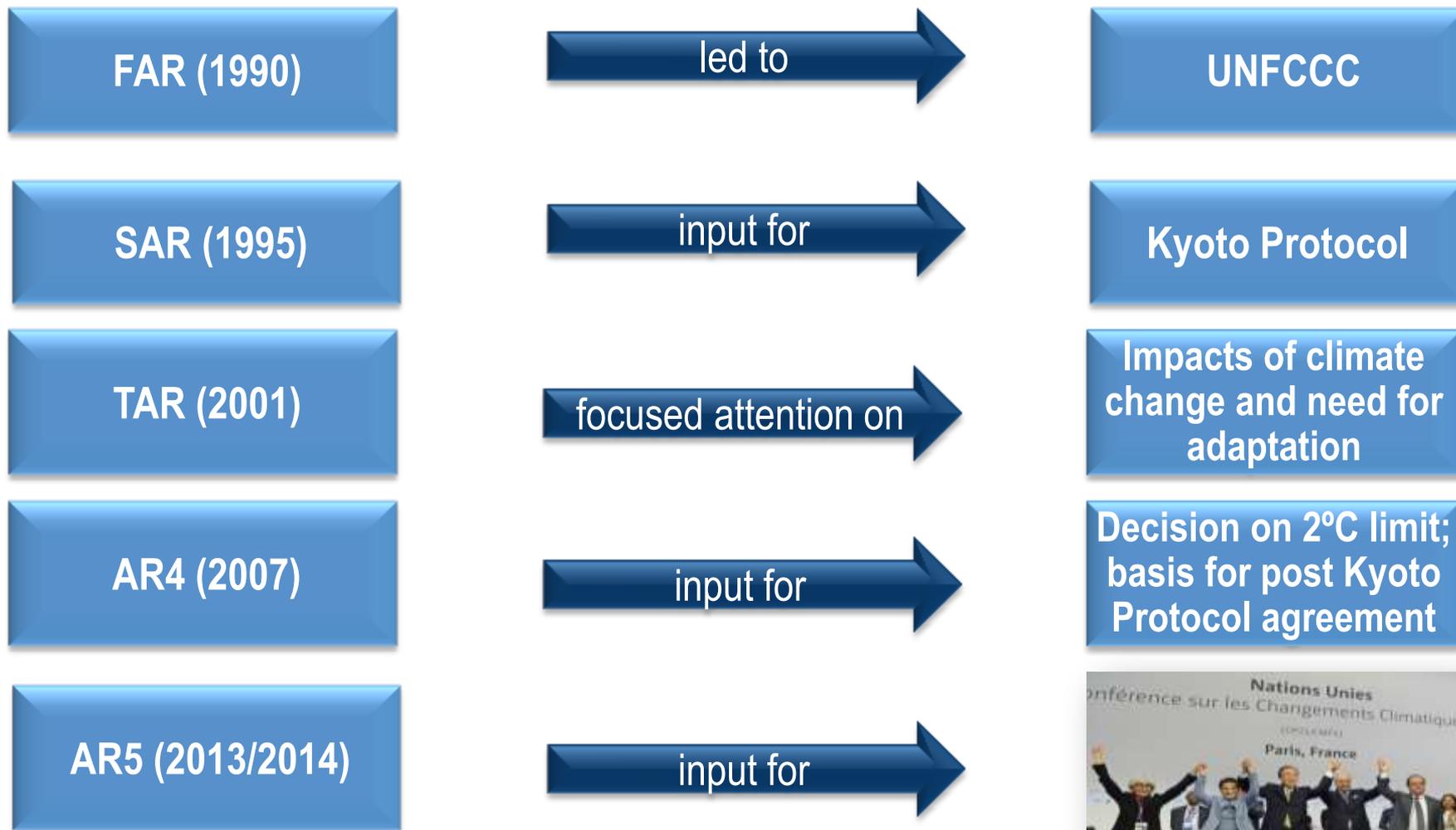


**ipcc**

INTERGOVERNMENTAL PANEL ON climate change



# IPCC reports have made an impact



**ipcc**

INTERGOVERNMENTAL PANEL ON climate change



# 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

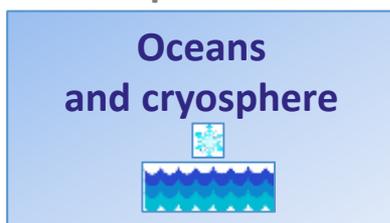
May 2019



Oct. 2018



Sept. 2019



April 2021



October 2021



April 2022



Aug. 2019



July 2021



March 2018



Cities and Climate Change Science Conference

May 2018



Expert Meeting on Assessing Climate Information for Regions

May 2018

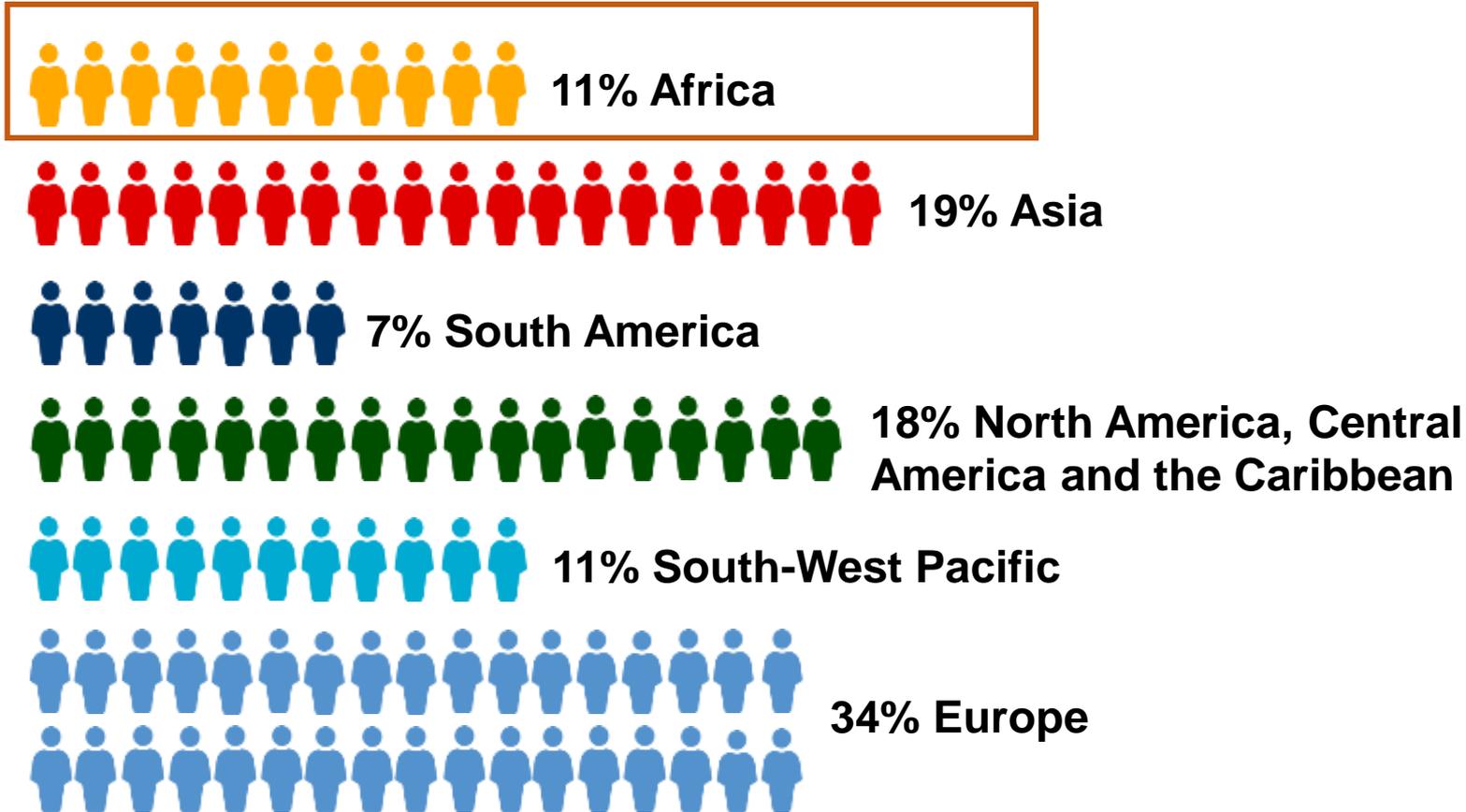


Expert Meeting on Short Lived Climate Forcers

*\* Dates are subject to change*

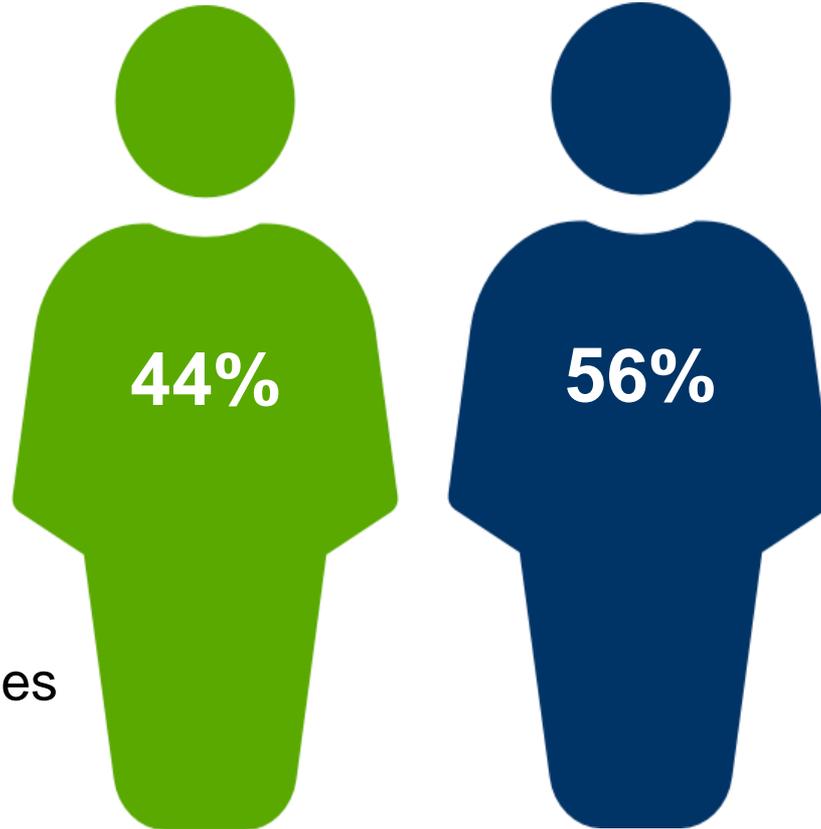
# IPCC Sixth Assessment Report

## Authors by regions



# IPCC Sixth Assessment Report

## How many authors are from developing countries or economies in transition?

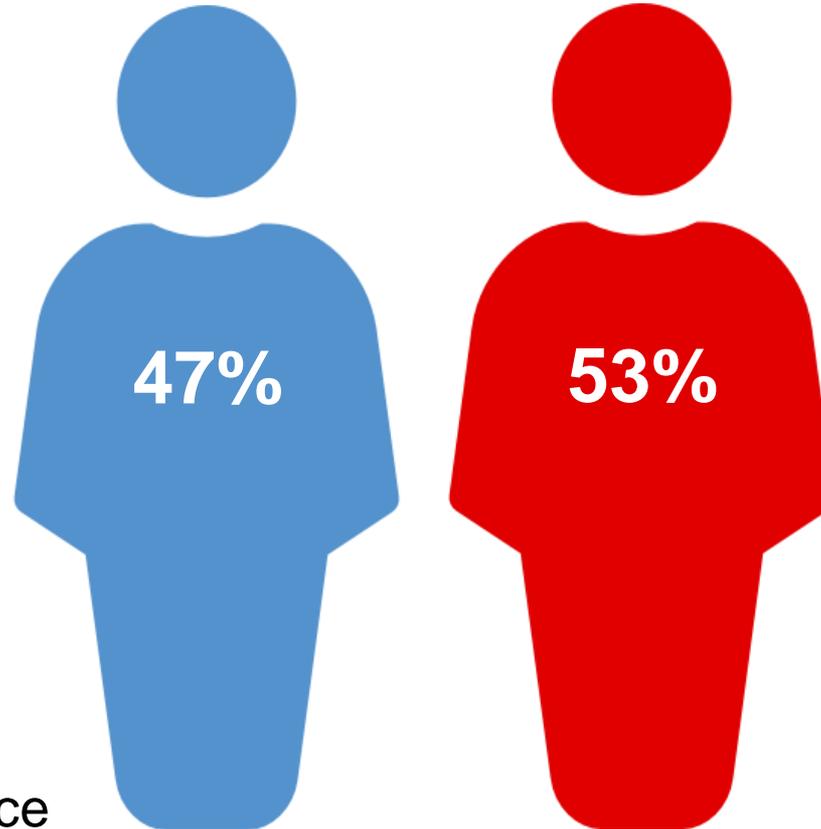


developing countries  
and economies  
in transition

developed countries

# IPCC Sixth Assessment Report

## How many authors are new to the IPCC?

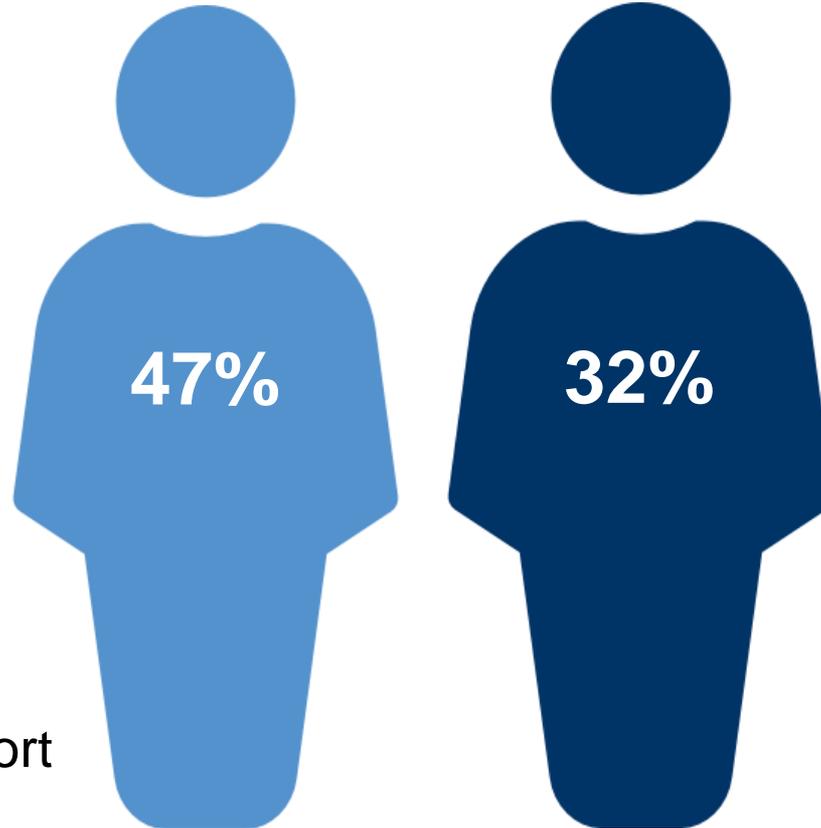


previous  
IPCC experience

new to the IPCC

# IPCC Sixth Assessment Report

## How has the proportion of authors with previous IPCC experience changed?

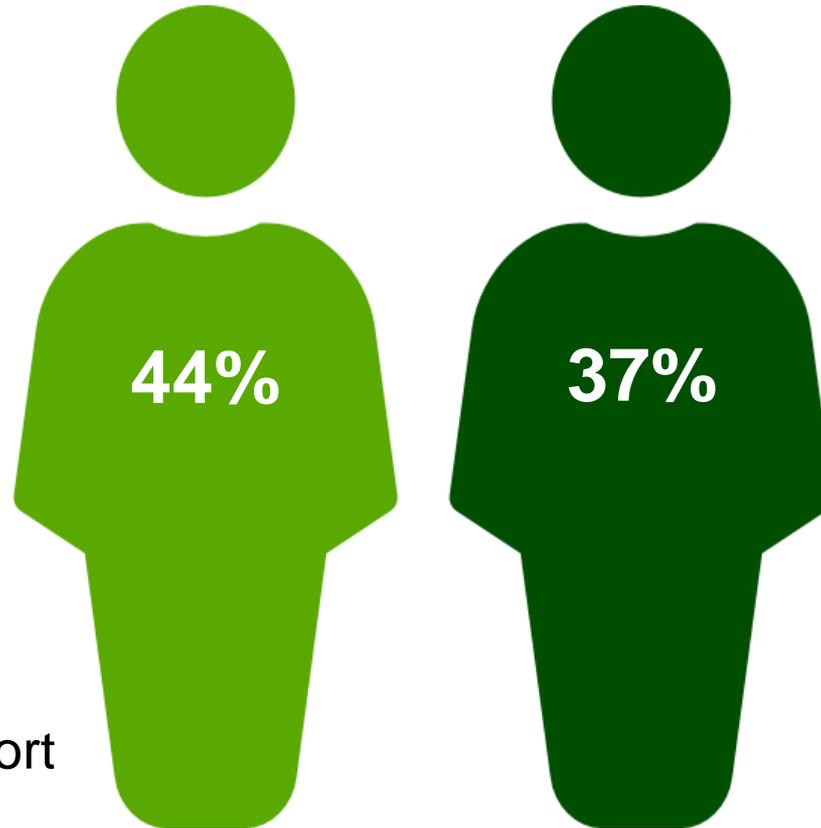


Sixth  
Assessment Report

Fifth  
Assessment Report

# IPCC Sixth Assessment Report

## How has the proportion of authors from developing countries or economies in transition changed?



Sixth  
Assessment Report

Fifth  
Assessment Report

# Why your contribution matters



## AR5 in Statistics:

Total number of Coordinating Lead Authors, Authors and Reviewers: **829**

Total number of countries represented on writing teams: up to **85**

■ Developed Countries

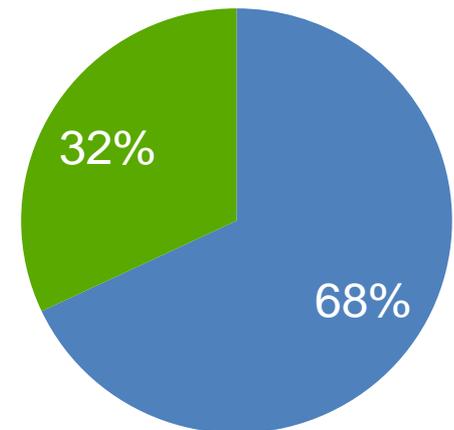
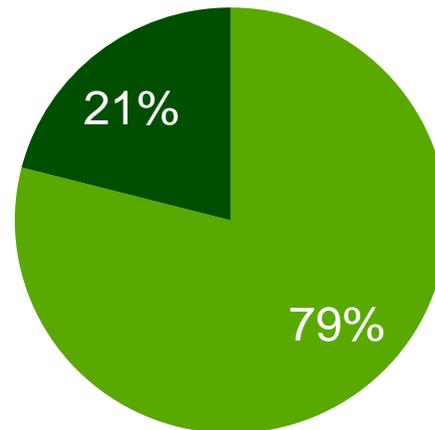
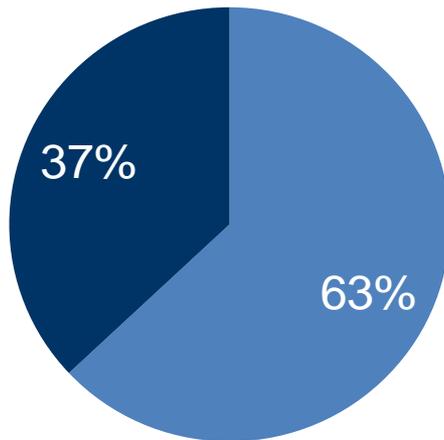
■ Male writing team members

■ New to the IPCC process

■ Developing Countries & Economies in Transition

■ Female writing team members

■ Previously involved



ipcc

INTERGOVERNMENTAL PANEL ON climate change



# How IPCC Reports are Produced



# Outline for SR15

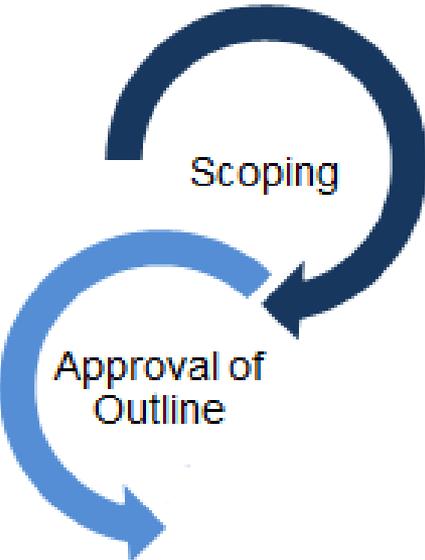
**Chapter 1:** Framing and context

**Chapter 2:** Mitigation pathways compatible with 1.5°C in the context of sustainable development

**Chapter 3:** Impacts of 1.5°C global warming on natural and human systems

**Chapter 4:** Strengthening and implementing the global response to the threat of climate change

**Chapter 5:** Sustainable development, poverty eradication and reducing inequalities



# The report in numbers

91 Authors from 40 Countries

133 Contributing authors

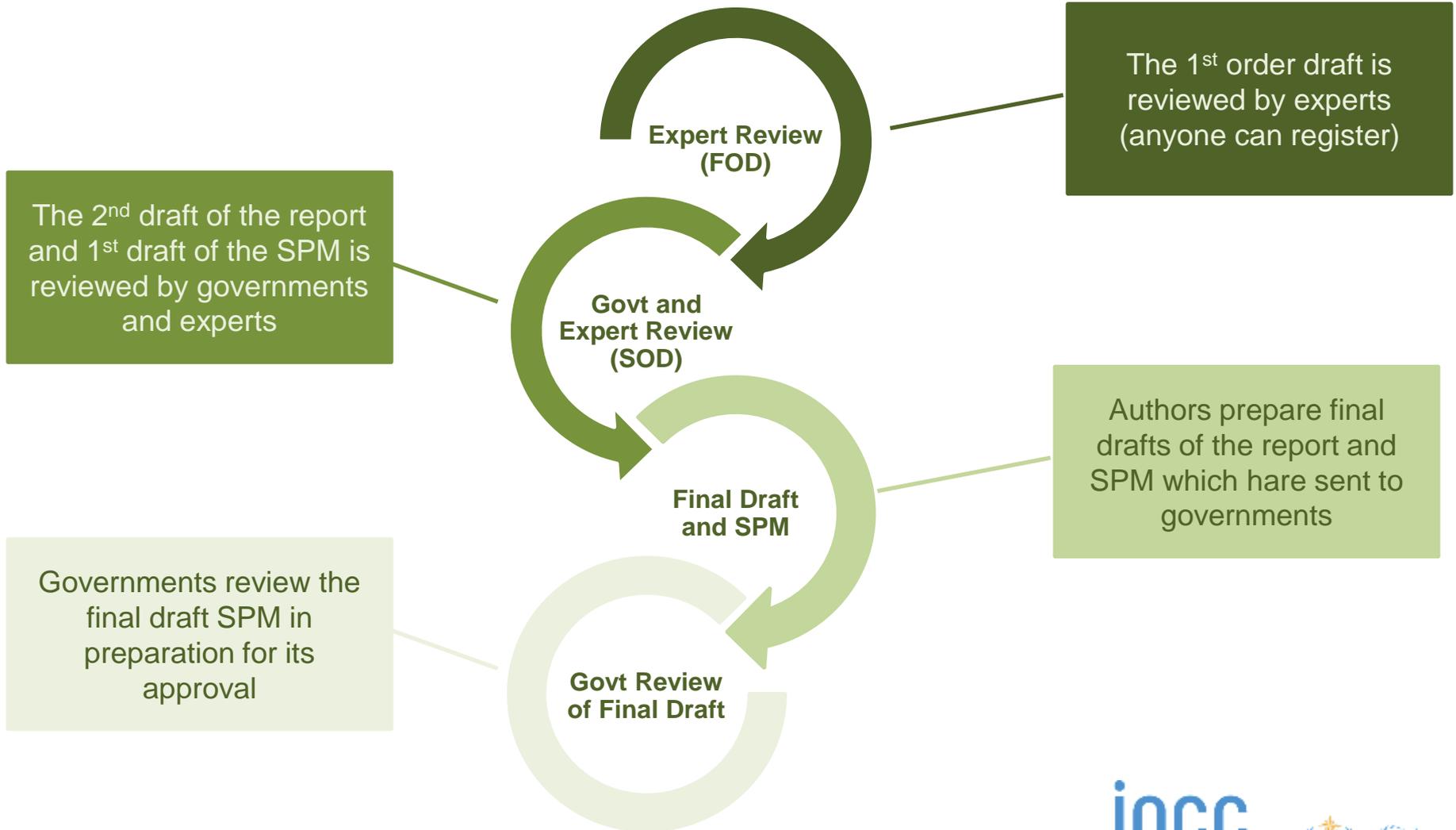
6000 Studies

1 113 Reviewers

42 001 Comments



# Drafts



# Review Process



## First Order Draft

### Expert Review:

12 895 comments

489 experts

61 countries

## Second Order Draft

### Governement and Expert Review

25 590 comments

570 experts

71 countries

## Final Government Draft

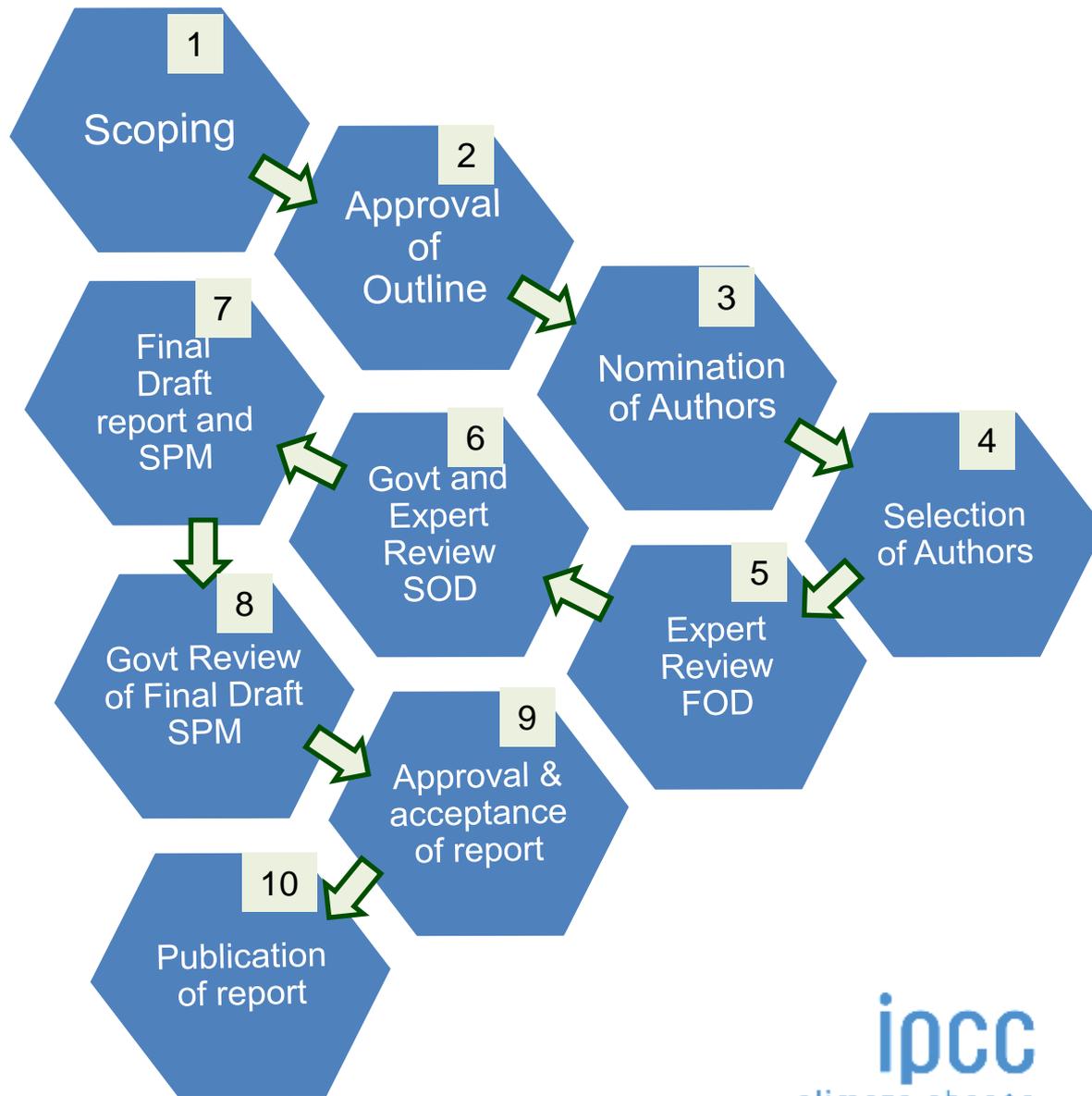
### Governement Review

3630

**Total Comments: 42001**

## Final Report Summary for Policy Makers

# 10 Steps in creating IPCC reports

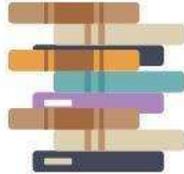


# How you can contribute

# Getting involved



1



## Contribute to existing literature

IPCC assessments are as good as the literature available. Look out for the various cut off dates for literature for the different reports.

2

## As Authors or Review Editors

Bureaux selects Authors and Review Editors from lists of nominations provided by governments and observer organizations. Look out for the calls for nomination of authors and contact your IPCC Focal Point if you are interested in being nominated.



3

## As Expert Reviewers



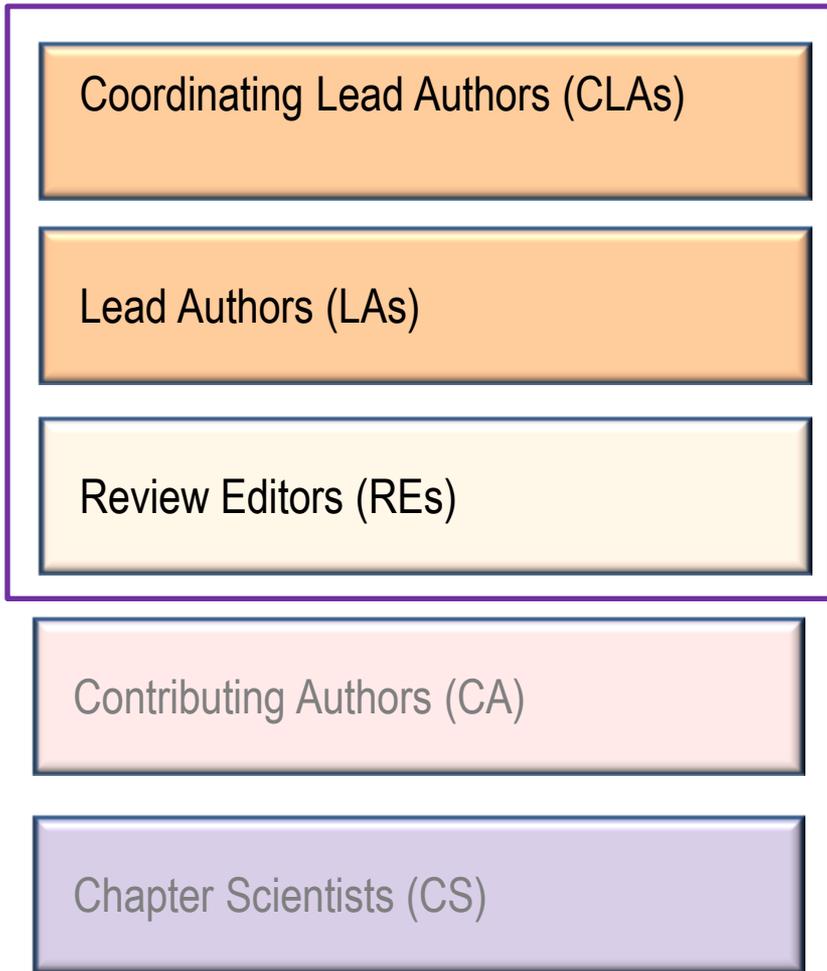
To be involved in the two review stages: Expert Review of the First Order Draft and Government and Expert Review of the Second Order Draft

ipcc

INTERGOVERNMENTAL PANEL ON climate change



# Author teams – CLAs, LAs, REs



Usually more experienced scientists and practitioners

- CLAs and LAs develop the chapter content
- REs ensure comments from the review process are taken into consideration by the team

Selected following a call for nominations

- Proposed by IPCC focal Points from governments and observer organisations, and the IPCC Bureau
- Selected by the Bureau of the relevant IPCC Working Group or Task Force

Call for nominations are published on the IPCC website:

<http://ipcc.ch/>

# Author teams – CAs

Coordinating Lead Authors (CLAs)

Lead Authors (LAs)

Review Editors (REs)

Contributing Authors (CA)

Chapter Scientists (CS)

Prepare technical information in the form of text, graphs or data

## Contributions

- Solicited by LAs
- Fill gaps in expertise and regional knowledge

# Author teams – CS

Coordinating Lead Authors (CLAs)

Lead Authors (LAs)

Review Editors (REs)

Contributing Authors (CA)

Chapter Scientists (CS)

Scientific assistants who provide support to the author teams

- Technical aspects including cross-checking between findings in different parts of the report
- Additional fact-checking
- Reference management
- Are early career researchers who benefit from the experience

Recruited

- Directly by CLAs
- Through a call issued by the TSUs

<http://wg1.ipcc.ch/>

<http://www.ipcc-wg2.awi.de/>

<http://www.ipcc-wg3.ac.uk/>

<http://www.ipcc-nggip.iges.or.jp/>

# Products and Important Milestones



	SR15	SRCCL	SROCC	TFI MR	AR6
Call for nominations					
First Order Draft					
Second Order Draft		<b>Oct 18</b>	<b>Nov 18</b>		
Final Government Review	June 18	Apr 19	June 19	Jan 19	
Approval Plenary	Oct 18	Aug 19	Sept 19	May 19	

# How to Contribute?



SRCCCL  
SROCC



Expert Reviewer

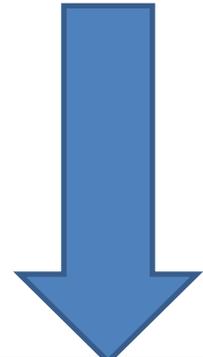
Contributing Author

SOD – Oct

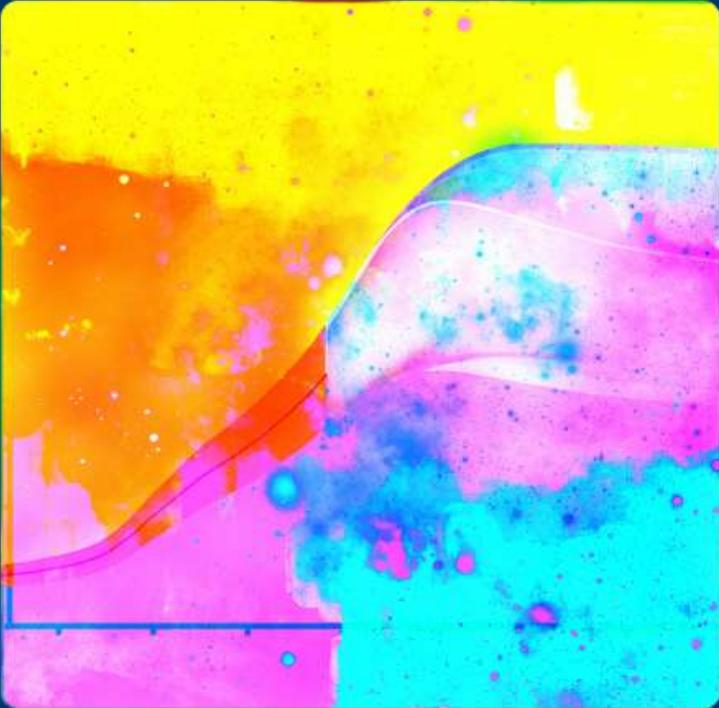
Approval – Aug

SOD – Nov

Approval – Sept



Outreach Activities

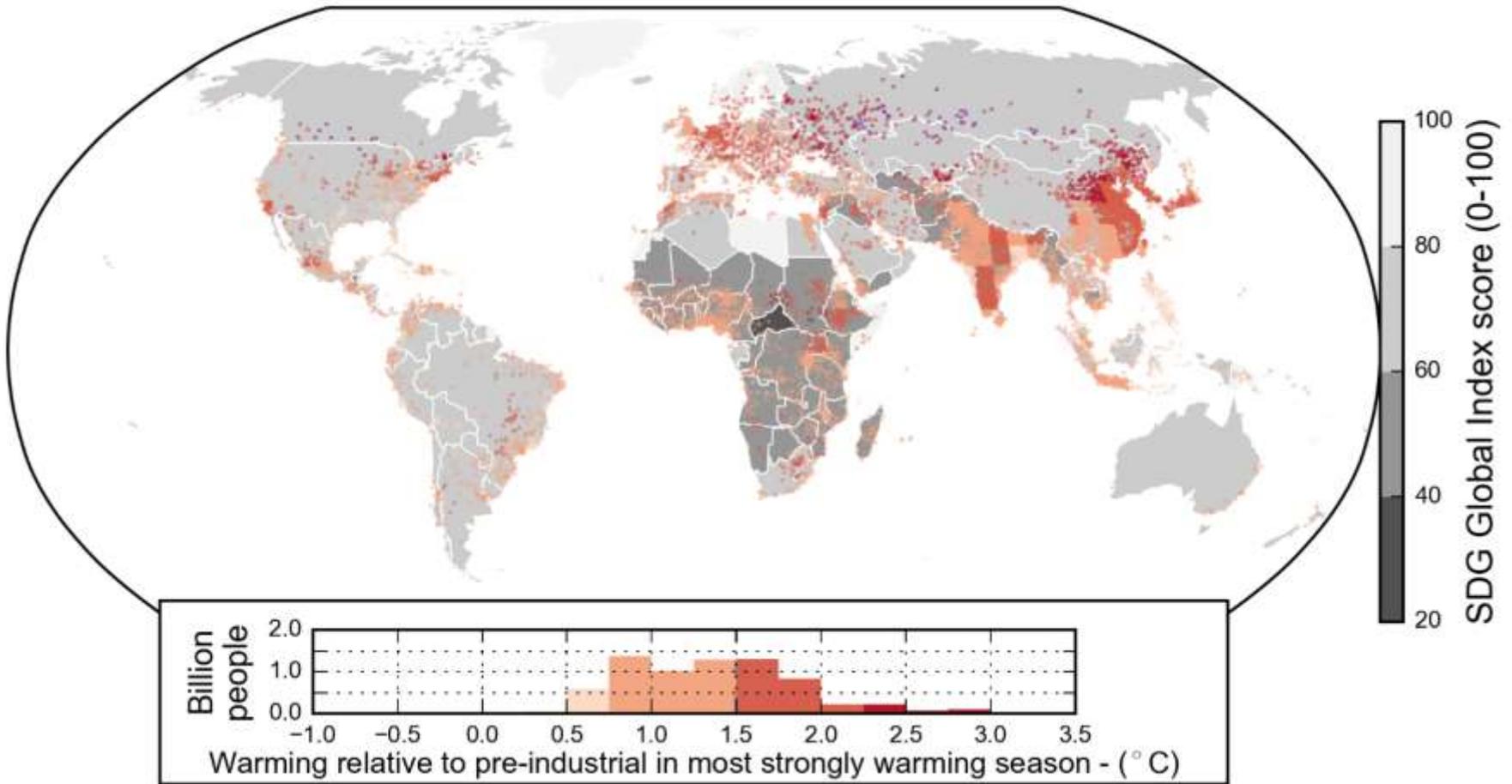


# IPCC Special Report SR1.5: Key findings Africa

Abdalah Mokssit  
IPCC Secretary

COP24, Katowice, Poland, 5 Dec 2018

Many regions of Africa have already experienced warming greater than the global annual average of 2006–2015 ( $0.87^{\circ}\text{C}$ )



# General messages

- **Avoided climate change impacts** on sustainable development, eradication of poverty and reducing inequalities would be greater at 1.5°C than at 2°C global warming, if mitigation and adaptation synergies are maximized while trade-offs are minimized.
- **Limiting the risks** from global warming of 1.5°C in the context of sustainable development and poverty eradication implies system transitions that can be enabled by an increase of adaptation and mitigation investments, policy instruments, the acceleration of technological innovation and behavior changes.
- Sustainable development supports and enables the societal and **systems transitions, and transformations** that help limit global warming to 1.5°C.
- Strengthening the capacities for climate action of national and sub-national authorities, civil society, the private sector, indigenous peoples and local communities can support the **implementation of ambitious actions** implied by limiting global warming to 1.5° C.
- **International cooperation** can provide an enabling environment for this to be achieved

# THANK YOU FOR YOUR ATTENTION!

## For more information:

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

IPCC Secretariat: [ipcc-sec@wmo.int](mailto:ipcc-sec@wmo.int)

IPCC Press Office: [ipcc-media@wmo.int](mailto:ipcc-media@wmo.int)

## Find us on:



ipcc

INTERGOVERNMENTAL PANEL ON climate change

