

# An overview of the IPCC Process: finding the entry points

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# IPCC

## Creation

**1988:** UN General Assembly endorsed the action by UNEP and WMO in jointly **establishing** the IPCC



## Today

Oct. **2015:** IPCC elected **new Bureau** in charge of the **Sixth Assessment cycle**, April 2016: first **session** since election



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# Policy/Science Interface

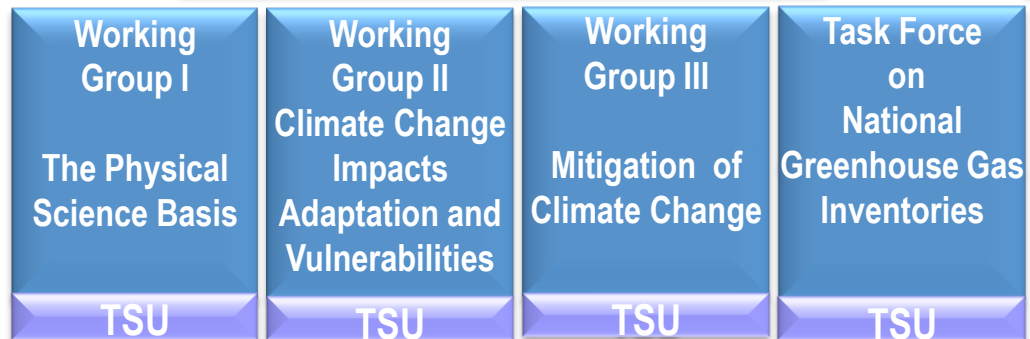
- UN body .....

- Intergovernmental Panel  
(195 member States) .....

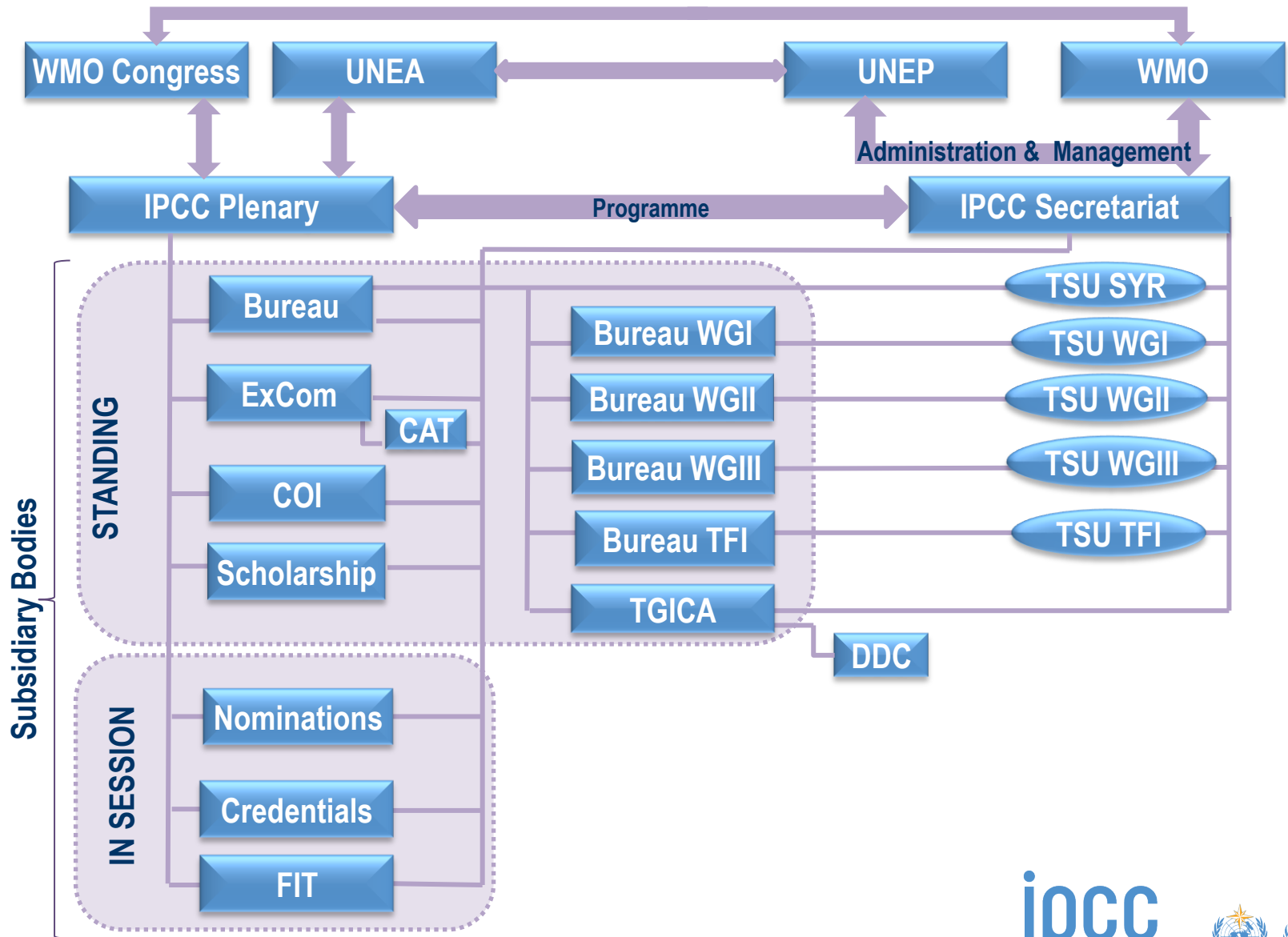
- International scientists and  
experts .....



IPCC Secretariat



# IPCC Structure



# 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 Reports

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

1992 supplementary report and 1994 special report

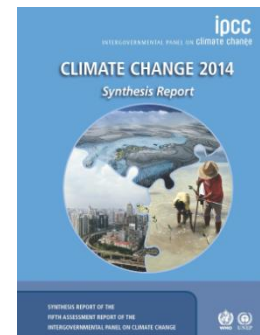
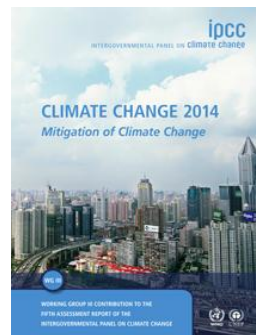
Nine special reports (1997, 1999, 2000, 2005, 2011, 2012)

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

Six technical papers (1996-2008)



# Achievements: 2013/2014 Fifth Assessment Report



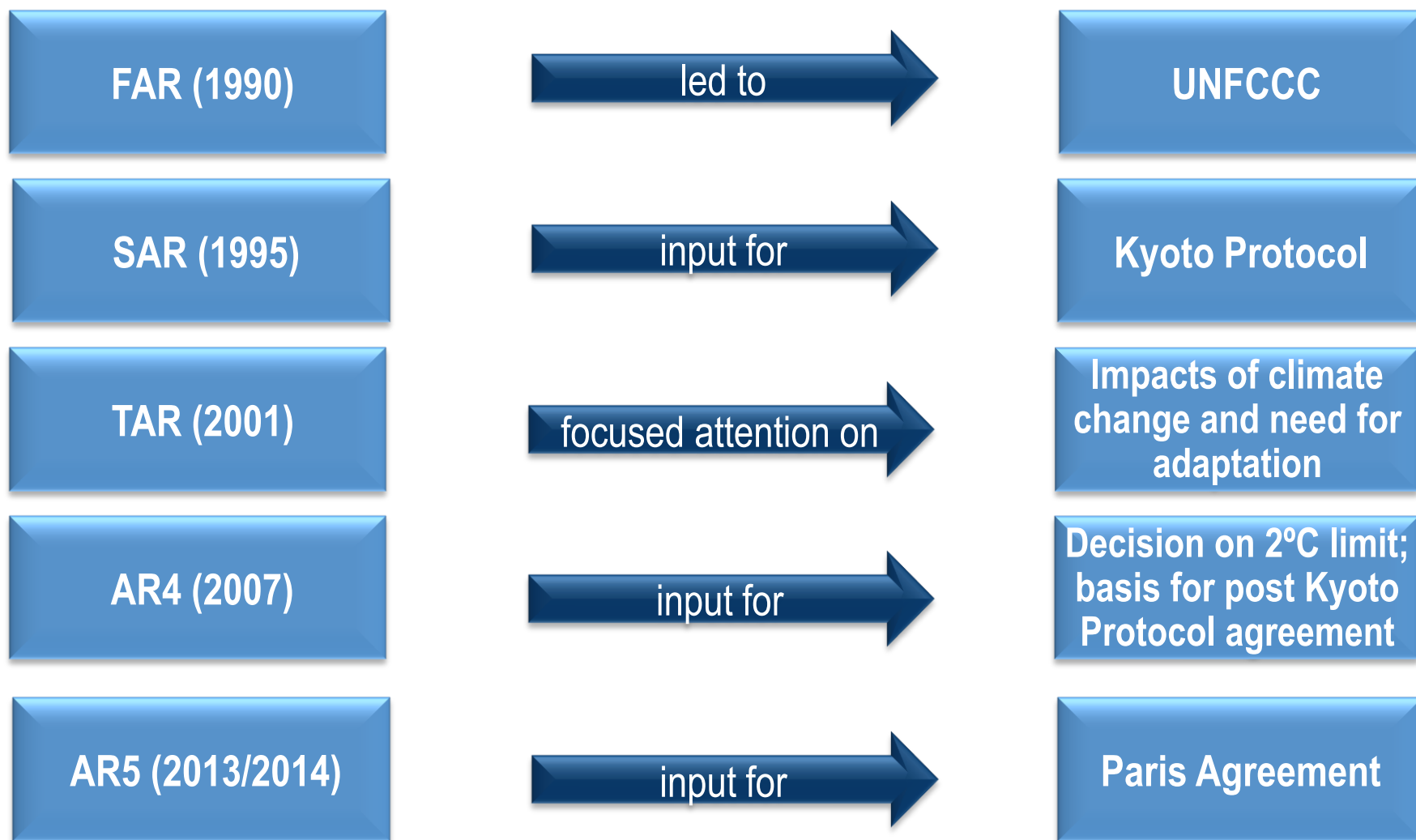
## Key messages

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: The Assessment Reports





# IPCC and the Paris Agreement 2015



Some decisions of COP-21 and CMP-11 and conclusions of SBSTA-43 mention the IPCC explicitly

Several other decisions of COP-21 are relevant to the work of the IPCC



IPCC has an institutional role in the implementation of the Paris Agreement

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# IPCC and the Paris Agreement 2015 (cont.)

## Paragraph 21 of the UNFCCC CoP Decision adopting the Paris Agreement

The Conference of the Parties (CoP):

“21. Invites the Intergovernmental Panel on Climate Change to provide a special report in 2018 on the impacts of climate warming of 1.5 °C above pre-industrial levels and related global greenhouse gas emissions pathways”

# IPCC and the Paris Agreement 2015 (cont.)

## Art 13.7 of the Paris Agreement

“Each Party shall regularly provide the following information:

- (a) A national inventory report of anthropogenic emissions by sources and removals by sinks of greenhouse gases, prepared using good practice methodologies accepted by the Intergovernmental Panel on Climate Change and agreed upon by the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement;
- (b) Information necessary to track progress made in implementing and achieving its nationally determined contributions under Article 4.”

# IPCC and the Paris Agreement 2015 (cont.)

## Paragraph 31 of the UNFCCC CoP Decision adopting the Paris Agreement

The CoP:

“31. Requests the Ad Hoc Working Group on the Paris Agreement to elaborate....guidance for accounting for “nationally determined contributions”...which ensures that:

(a) Parties account for anthropogenic emissions and removals in accordance with common methodologies and metrics assessed by the Intergovernmental Panel on Climate Change and adopted by the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement”

# IPCC and the Paris Agreement 2015 (cont.)

## Art 14 of the Paris Agreement, Global Stocktake

“1. The Conference of the Parties serving as the meeting of the Parties to the Paris Agreement shall periodically take stock of the implementation of the Agreement to assess the collective progress towards achieving the purpose of this Agreement and its long-term goals referred to as the “global stocktake”). It shall do so in a comprehensive and facilitative manner, considering mitigation, adaptation and the means of implementation and support, and in the light of equity and the best available science.

2. The Conference of the Parties serving as the meeting of the Parties to the Paris Agreement shall undertake its first global stocktake in 2023 and every five years thereafter unless otherwise decided by the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement.

3. The outcome of the global stocktake shall inform Parties in upgrading and enhancing, in a nationally determined manner, their actions and support in accordance with the relevant provisions of this Agreement, as well as in enhancing international cooperation for climate action.”

# IPCC and the Paris Agreement 2015 (cont.)

## Paragraph 99 of the UNFCCC CoP Decision adopting the Paris Agreement

The CoP:

“100. Requests the Ad Hoc Working Group on the Paris Agreement to identify the sources of input for the global stocktake referred to in Article 14 of the Agreement and to report to the Conference of the Parties, with a view to the Conference of the Parties making a recommendation to the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement for consideration and adoption at its first session, including, but not limited to:  
(b) The latest reports of the Intergovernmental Panel on Climate Change”

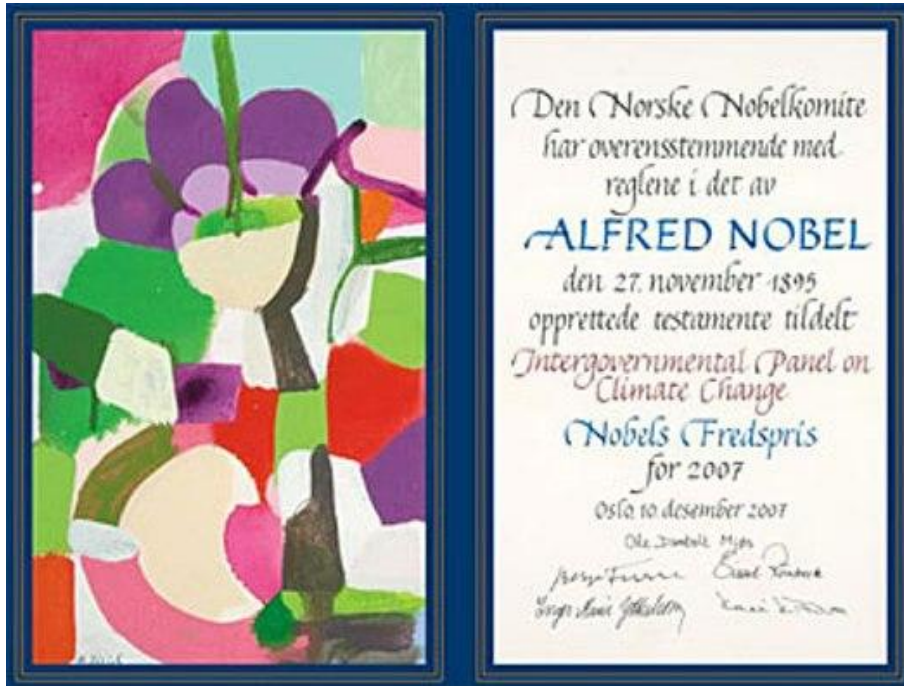
## Paragraph 100 of the UNFCCC CoP Decision adopting the Paris Agreement

The CoP:

“101. Also requests the Subsidiary Body for Scientific and Technological Advice to provide advice on how the assessments of the Intergovernmental Panel on Climate Change can inform the global stocktake of the implementation of the Agreement pursuant to its Article 14 of the Agreement and to report on this matter to the Ad Hoc Working Group on the Paris Agreement at its second session”



# 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".

# Some IPCC Outreach Activities

Argentina, September 2015



Mexico, August 2015



Thailand, August 2015



Kenya, February 2015



Russia, September 2015



Paris, December 2015



Turkey, September 2015



Nicaragua, August 2015



Tanzania, February 2015



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# CLIMATE CHANGE 2013

## THE PHYSICAL SCIENCE BASIS IPCC WGI AR5

PACIFIC LAUNCH of The First Working Group (WGI) Report  
of the Intergovernmental Panel on Climate Change (IPCC)

**TUESDAY 5TH NOVEMBER 2013, JAPAN - PACIFIC ICT CENTRE THEATRE, 8AM - 1PM**

**OPENING CEREMONY & PUBLIC LECTURES, ALL WELCOME**

For enquiries email: [pacesd@usp.ac.fj](mailto:pacesd@usp.ac.fj)



TOWARDS EXCELLENCE IN LEARNING AND KNOWLEDGE CREATION

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# What is next for the IPCC?

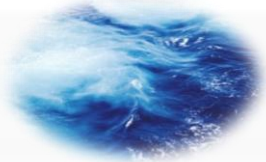
## IPCC Decision XLIII-5

“To take the outcomes of the 21st Conference of the Parties to the United Nations Framework Convention on Climate Change (UNFCCC) into consideration when determining the IPCC programme of work and products for the sixth IPCC assessment cycle”

## AR6 cycle Special Reports on



impacts of global warming of **1.5 °C** above pre-industrial levels and related global greenhouse gas emission pathways by 2018



Climate change and **oceans** and the **cryosphere**



Climate change, **desertification**, **land degradation**, **sustainable land management**, **food security**, and **greenhouse gas fluxes in terrestrial ecosystems**

# What is next for the IPCC? (cont.)

## AR6 Main Report



Expected to be released in **three working group contributions** in 2020/2021 and a **Synthesis Report** in 2022

## Methodology Report update



Methodology Report on National Greenhouse Gas Inventories by **2019**

## Cities



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

# What is next for the IPCC? (cont.)



Provide **IPCC library facility** to assist the work particularly of authors from developing countries



Update the **IPCC Communications Strategy**



Further enhance **outreach activities**



# Why your contribution to the AR6 matters?

## AR5 in Statistics:

Total number of Coordinating Lead Authors, Authors and Reviewers: **+ 830**

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

■ Developed Countries

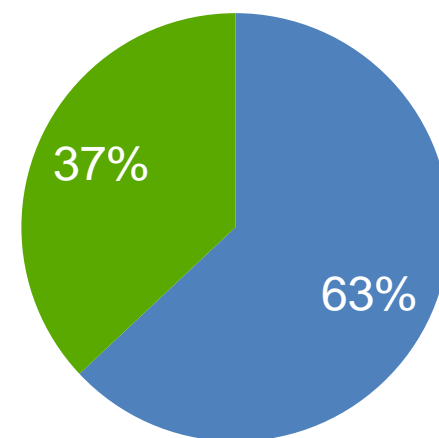
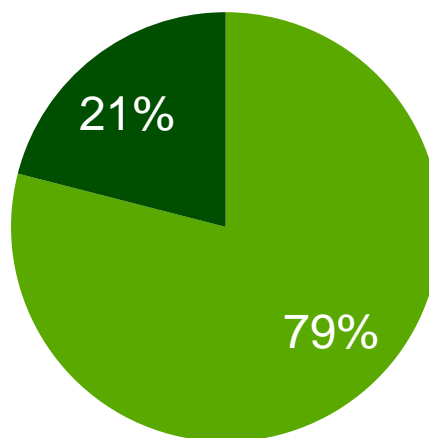
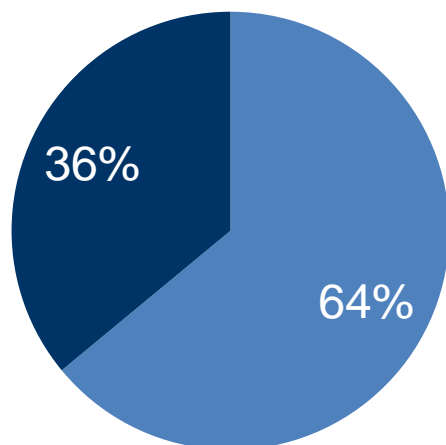
■ Developing Countries & Economies in Transition

■ Male writing team members

■ Female writing team members

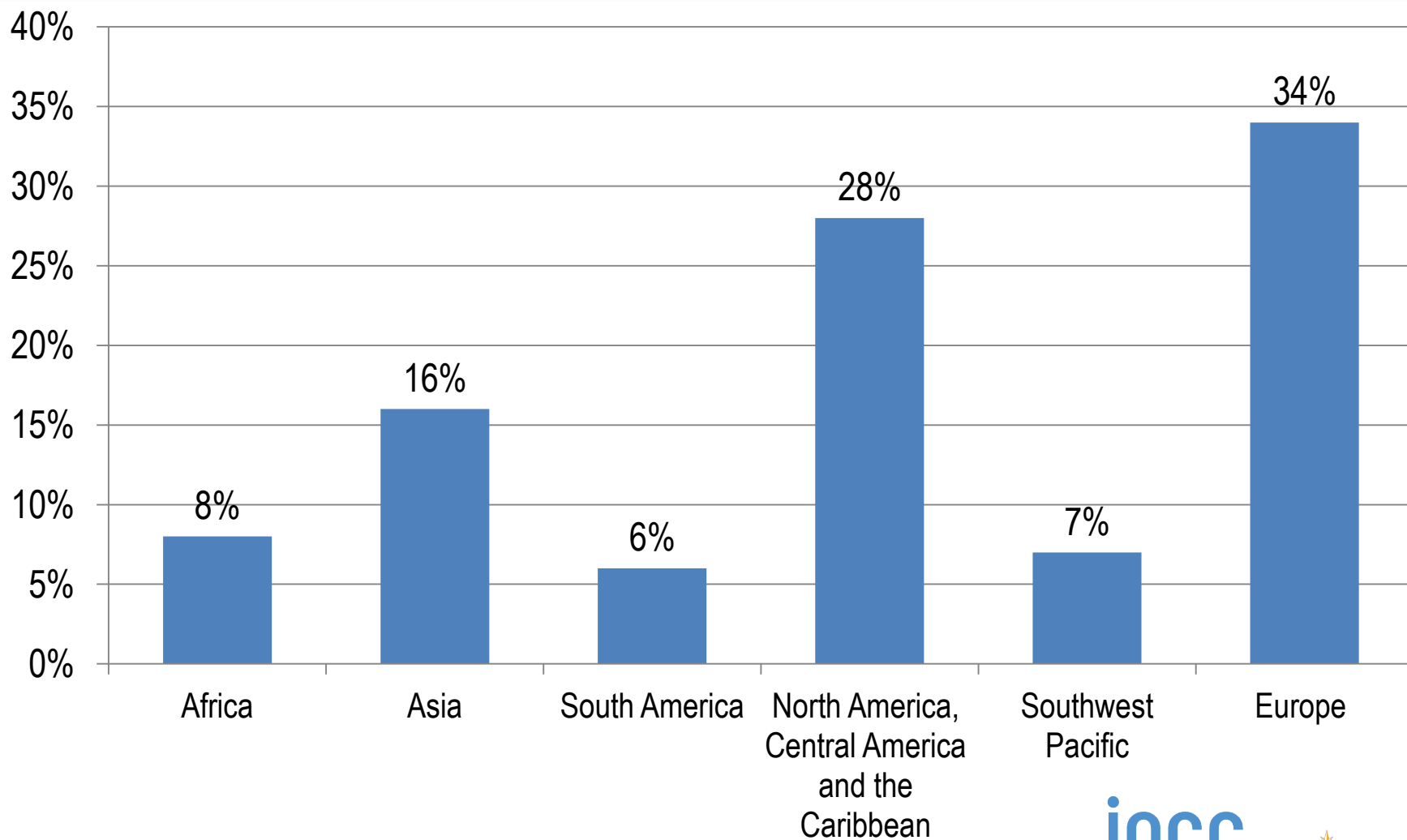
■ New to the IPCC process

■ Previously involved

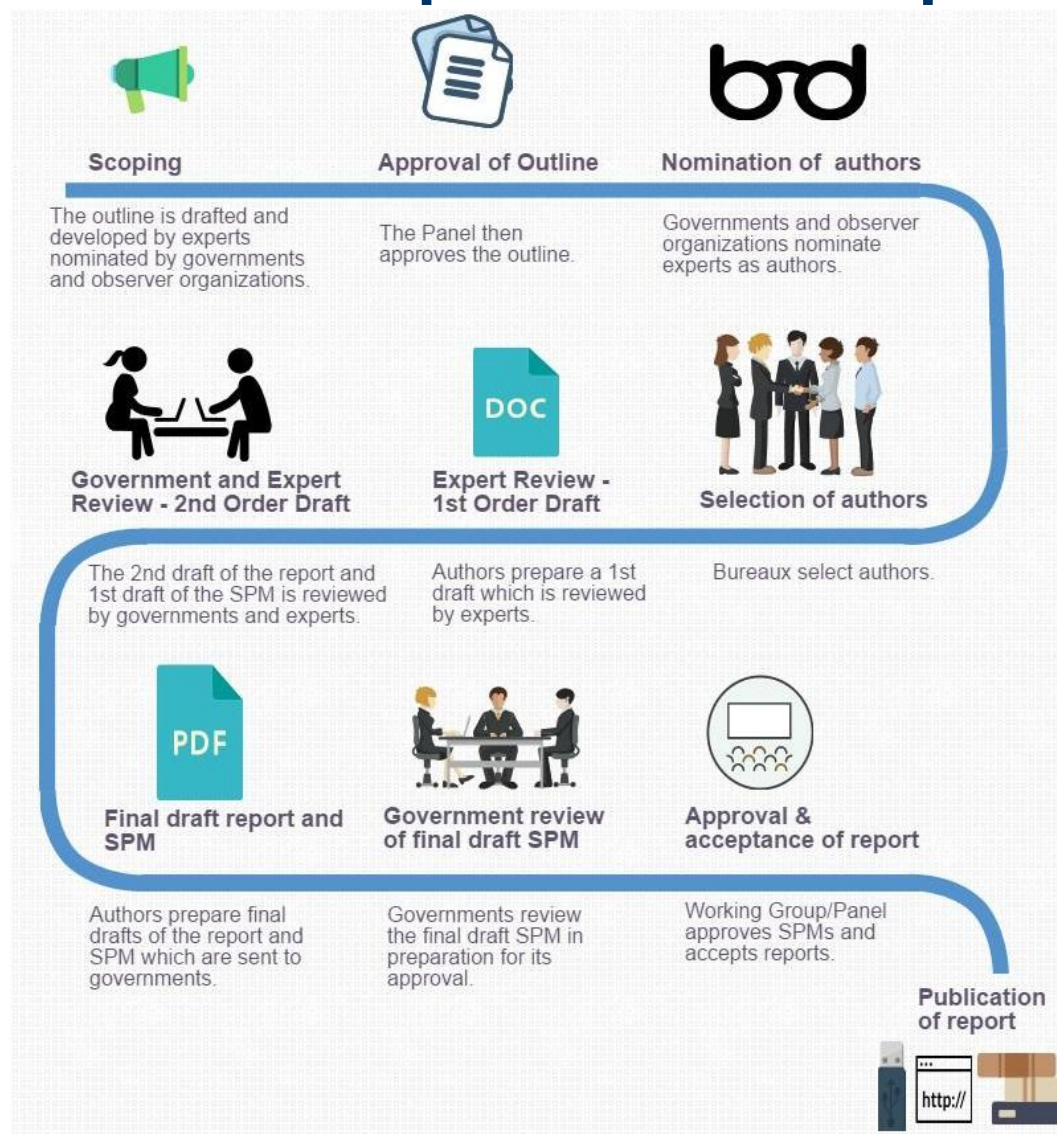


# Why your contribution to the AR6 matters? (cont.)

AR5 in Statistics: Regional Distribution: all authors teams by WMO regions



# How the IPCC produces its reports?



# How could the IPCC work better for you?

## Work with IPCC Focal Points from your country



Each IPCC Member country has a National Focal Point (NFP) which has been identified by the relevant authorities in the country. You can find their details on the IPCC website: [www.ipcc.ch](http://www.ipcc.ch)

## Become an Observer Organization to the IPCC



Any non-profit body or agency, whether national or international, governmental or intergovernmental may be admitted as an observer organization (subject to acceptance by the Panel). See the "IPCC Policy and Process for Admitting Observer Organizations": [www.ipcc.ch](http://www.ipcc.ch)

## Participate in IPCC Sessions



Participation of Government representatives in IPCC sessions ensures that your country's voice is heard (nomination is by NFP). Representatives of observer organizations may also attend. Contact: [ipcc-sec@wmo.int](mailto:ipcc-sec@wmo.int)

## Organize and Participate in Outreach Events



Outreach events create awareness about the work of the IPCC and its findings and are carefully tailored to the specific regional, national and stakeholders' needs. Contact: [ipcc-media@wmo.int](mailto:ipcc-media@wmo.int)

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# How can you be involved in the IPCC process?

## Nominate Pacific scientists to the SCOPING of Special Report and the AR6



Communicate your interest and qualifications to the National Focal Point. Each IPCC Member country has a National Focal Point (NFP) which has been identified by the relevant authorities in the country. You can find their details on the IPCC website: [www.ipcc.ch](http://www.ipcc.ch)

## Nominate Pacific Researchers to Be Authors for the Special Reports and the AR6



Communicate your interest and qualifications to the National Focal Point. Each IPCC Member country has a National Focal Point (NFP) which has been identified by the relevant authorities in the country. You can find their details on the IPCC website: [www.ipcc.ch](http://www.ipcc.ch)

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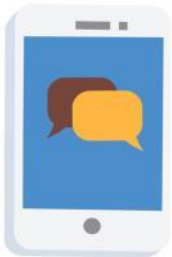
# What can you do?



Learn about the **IPCC processes** and how the IPCC produces its reports



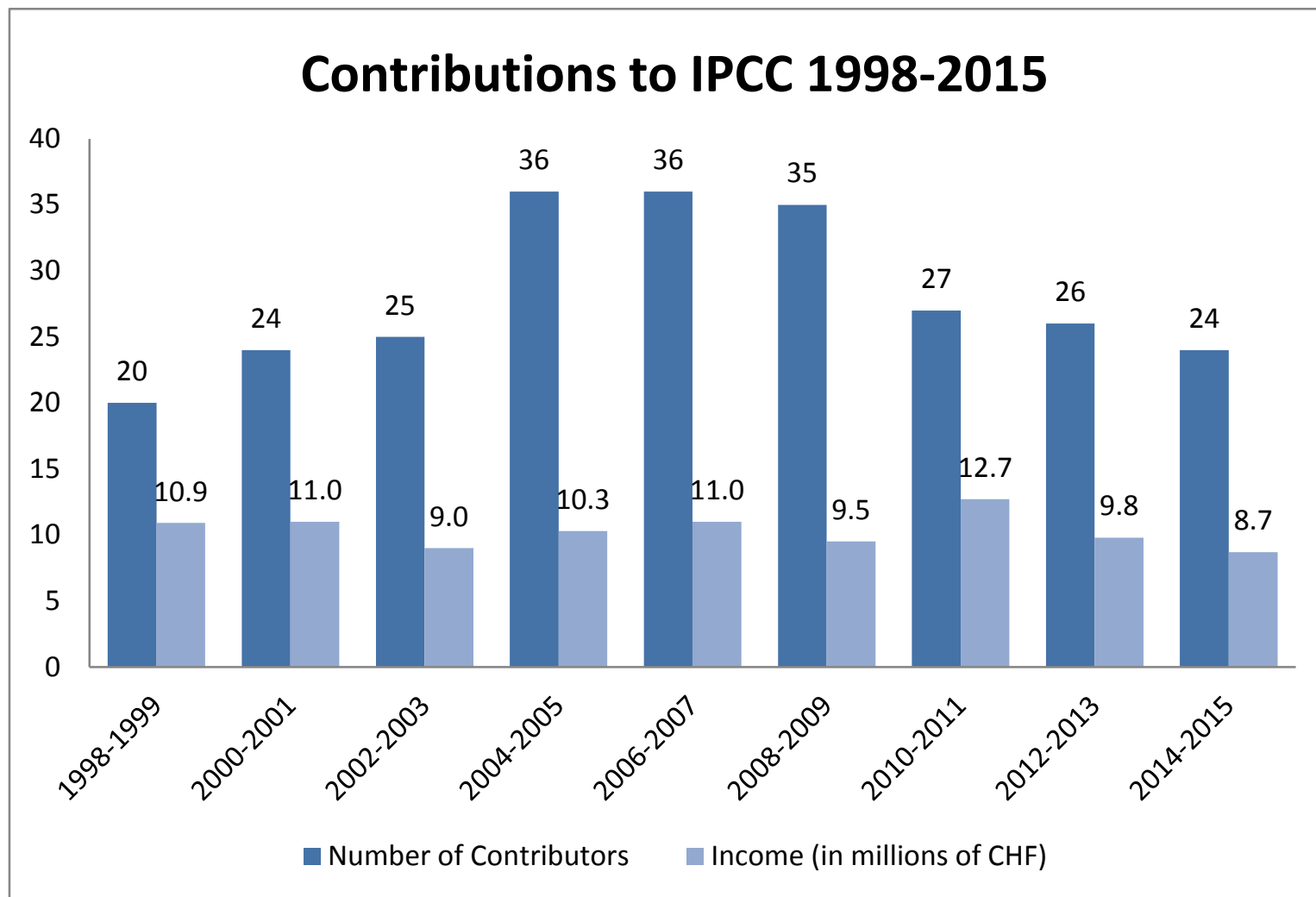
Check the **IPCC website** regularly for an up-to-date information: [www.ipcc.ch](http://www.ipcc.ch)



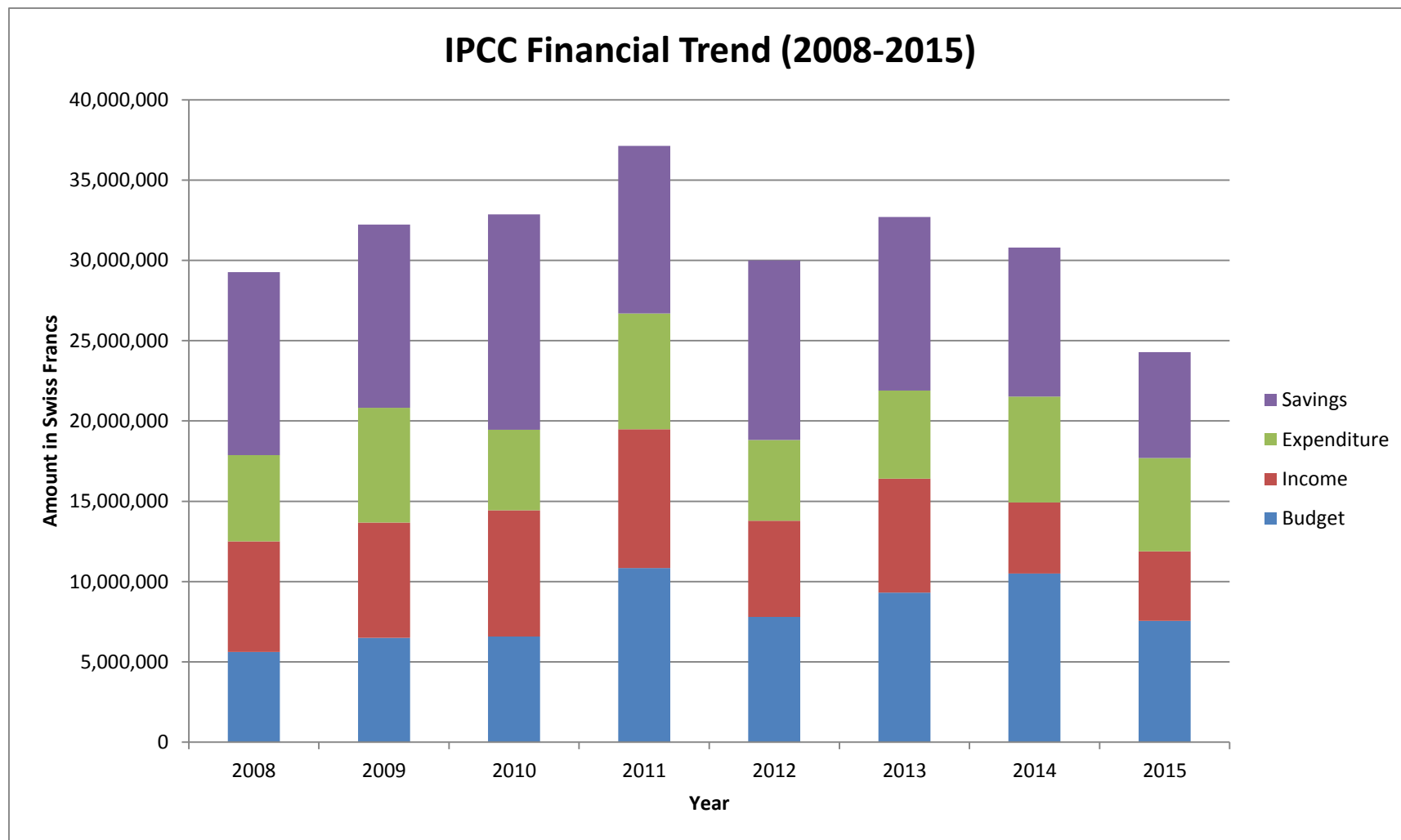
Follow IPCC on **social media**; send questions and interview requests to [ipcc-media@wmo.int](mailto:ipcc-media@wmo.int)



# IPCC work relies on voluntary contributions



# IPCC work relies on voluntary contributions (cont.)



# IPCC schedule of activities

IPCC calendar of activities for 2016

[http://ipcc.ch/scripts/\\_calendar\\_template.php?wg=8](http://ipcc.ch/scripts/_calendar_template.php?wg=8)

IPCC Sixth Assessment Report schedule of activities:

[http://ipcc.ch/activities/pdf/ar6\\_schedule.pdf](http://ipcc.ch/activities/pdf/ar6_schedule.pdf)

# 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)

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