



Centre for Energy and  
Environmental Markets

**UNSW**  
THE UNIVERSITY OF NEW SOUTH WALES  
SYDNEY • AUSTRALIA



## **Kyoto to Paris: Same, same but different**

**Dr. Regina Betz**

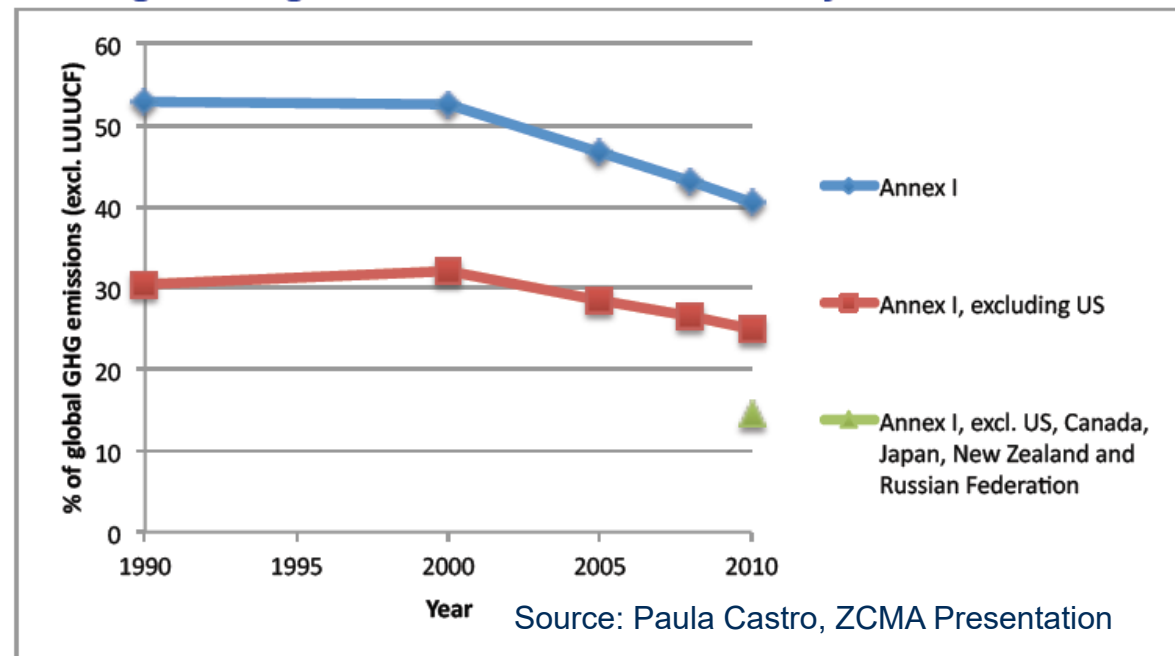
AARES, Canberra 5<sup>th</sup> of February 2016



## 1997 Kyoto Protocol celebrations

### Burden sharing and mitigation effectiveness

#### Coverage of mitigation commitments under the Kyoto Protocol:



### 2009 Copenhagen: Pledges

### 2015 Paris:

Intended National Determined Contributions: 178 of 196 Parties provided INDCs



# Major Differences I



## Kyoto Protocol

### Top-down approach

- List of **Annex B countries** (developed countries) with quantified emissions limitations or reduction commitments
- Accounting based on Assigned Amount Units with flexibility (e.g. banking)
- **Clean Development Mechanism** (Art. 12) to achieve emission reductions in Non-Annex I countries

## Paris Agreement

### mainly Bottom-up approach

- **Overall target** of keeping global average temperature 1.5 -2 °C (Art. 2.1a)
- **Global peaking** asap and **balance between emissions and removals** by second half of century (Art. 4.1)
- **National Determined Contributions** (NDCs) for **all countries** (not binding, since not part of Agreement)





# Major Differences II



## Kyoto Protocol

- **Entering into force** when at least 55 Parties covering 55% of 1990 CO<sub>2</sub>-emissions of Annex I have ratified
- US did not ratify and Russia took a while
- **Compliance** (Art. 18) includes binding consequences (based on Marrakesh Accords stricter target in next commitment period)

## Paris Agreement

- **Entering into force** when at least 55 Parties covering 55% of global greenhouse gas emissions have ratified
- US can ratify without Congressional ratification, given that greenhouse gases are pollutants with health implications
- **Compliance Committee** (Art. 15) but non-punitive



# Major Similarities



## Kyoto Protocol

- **Withdrawal** 3 years after entered into force, with one year notice (Art. 27)
- **Emissions trading** (Art. 17)
- **Joint Implementation** (Art. 6)
- **Share of proceeds** on CDM to finance administrative expenses and support adaptation (Art. 12.8), later in Doha as well on ETS, JI

## Paris Agreement

- **Withdrawal** 3 years after entered into force, with one year notice (Art. 28)
- **Internationally transferred mitigation outcomes** (Art. 6.2)
- **Mechanism** (Art. 6.4)
- **Share of proceeds** on Mechanism to cover administrative expenses and support adaptation (Art. 6.6)



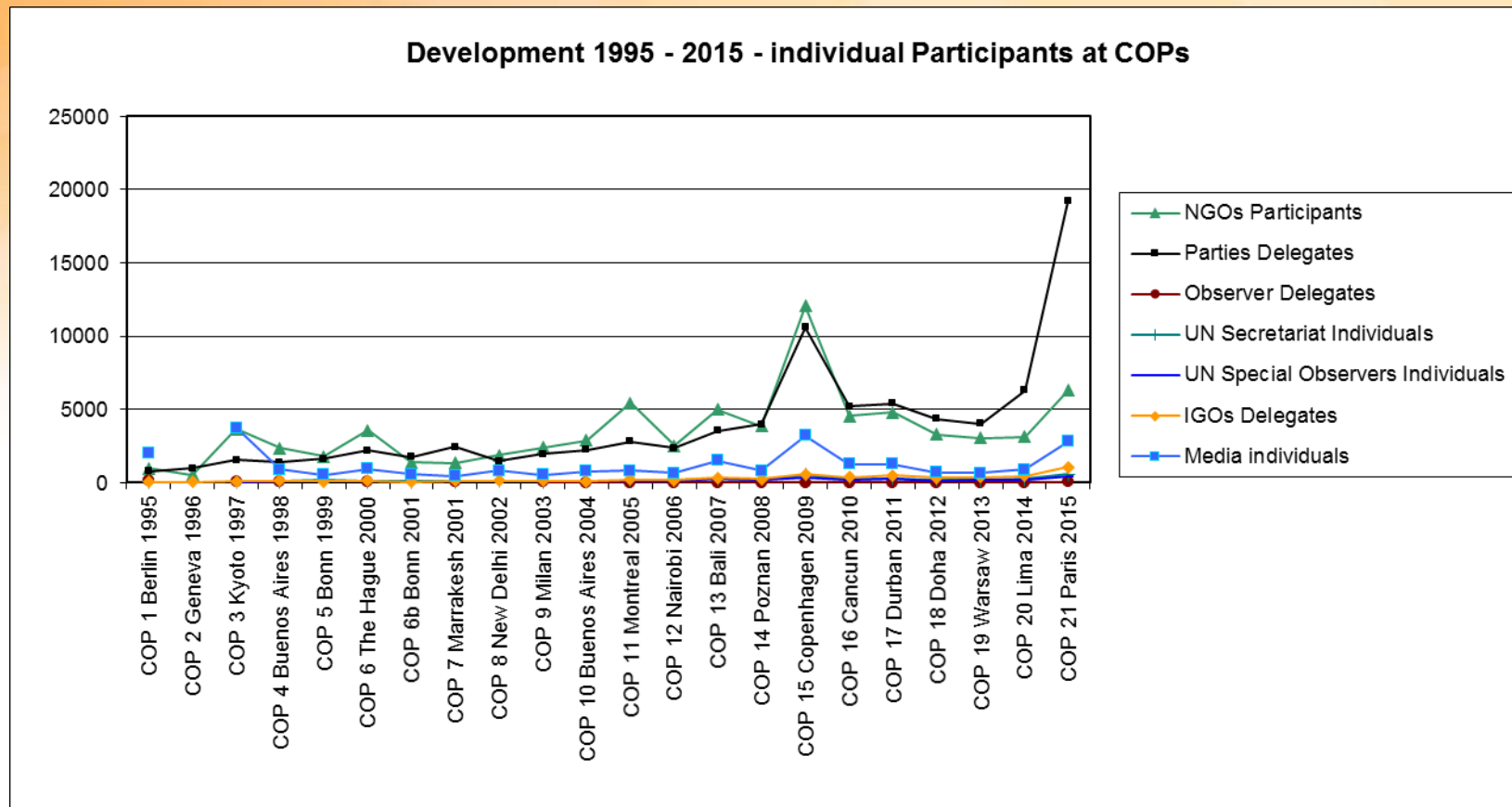
# New elements

- Emphasis on balance between **Mitigation and Adaptation** (NDCs include Adaptation)
- **Loss and damage** (Warsaw Mechanism continues)
- **Non-market approaches** (Art. 6.8)
- **Transparency on action and support** with flexibility for developing countries (Art. 13)
- **Global Stocktake** every 5 years starting in 2023 (Art. 14)
- **Non-State Actor:** Zone for Climate Action Platform (Decision text 118)





# Paris climate conference biggest ever...





# Thank you for your attention... questions?

