

Plenary Session: Climate Policy

- Chair: Herman Vollebergh (NEAA – Tilburg University)

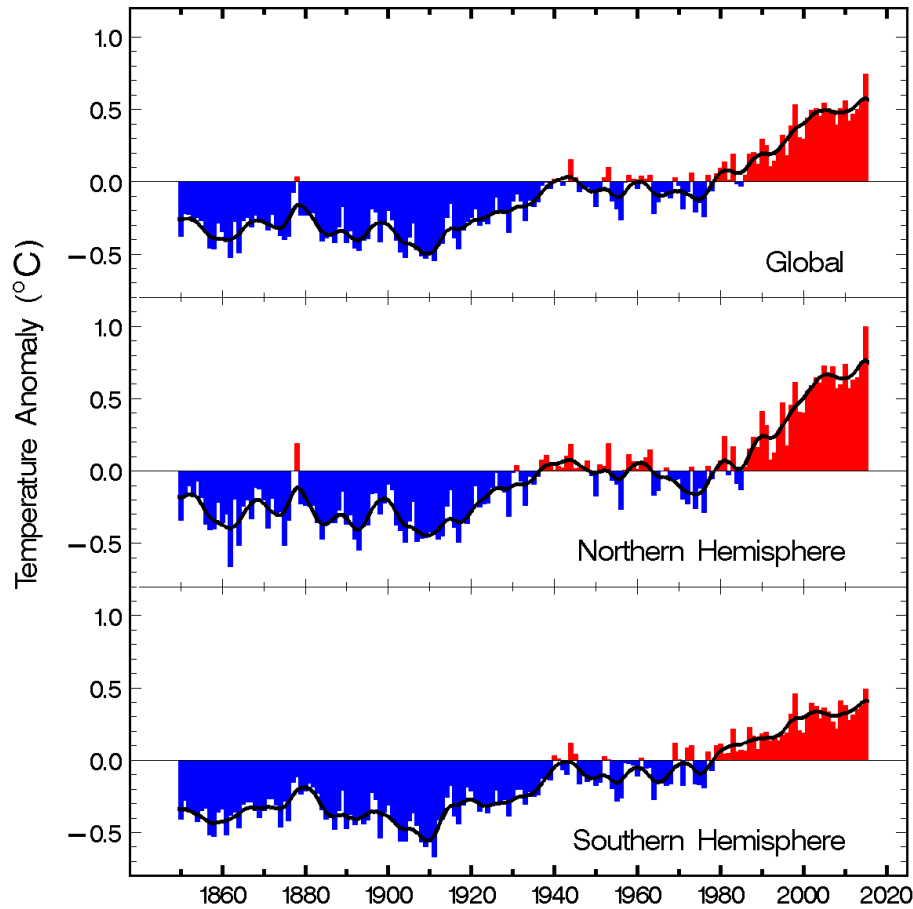


Come to Florida

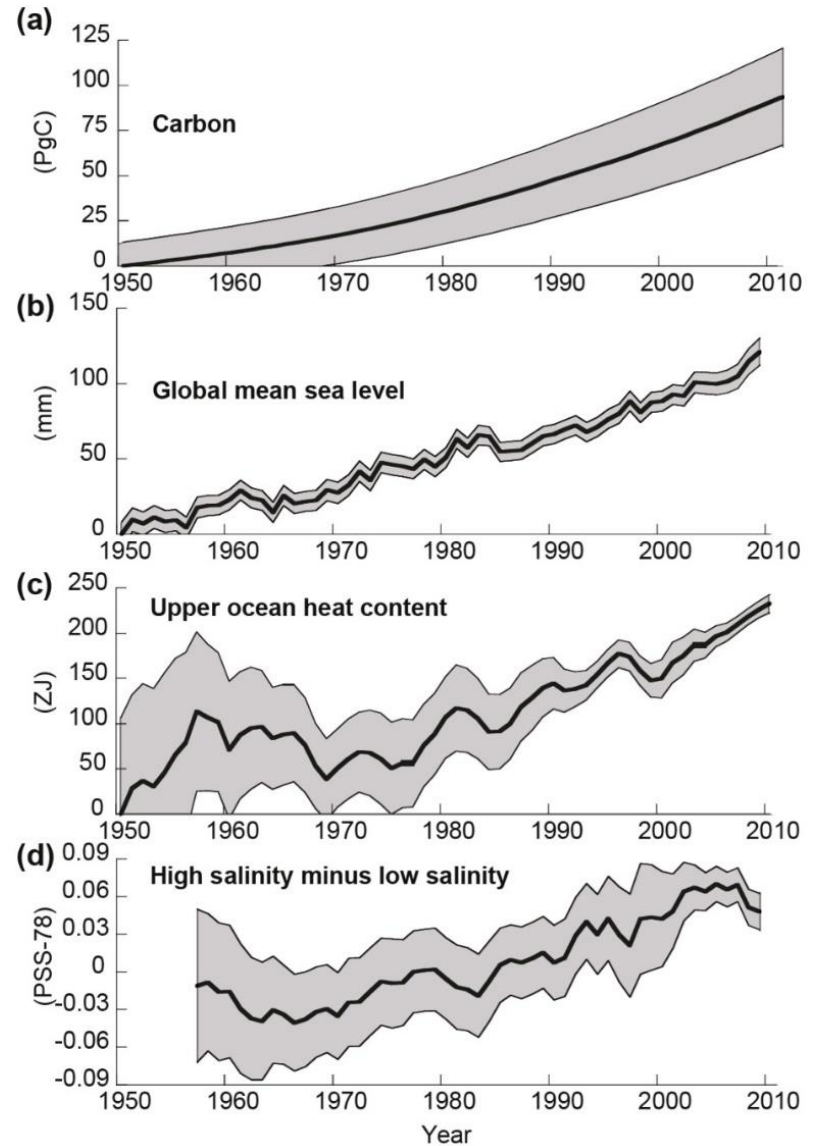


Fake or real?

HadCRUT4 Global and Hemispheric
Annual Temperature Anomalies, 1850–2015

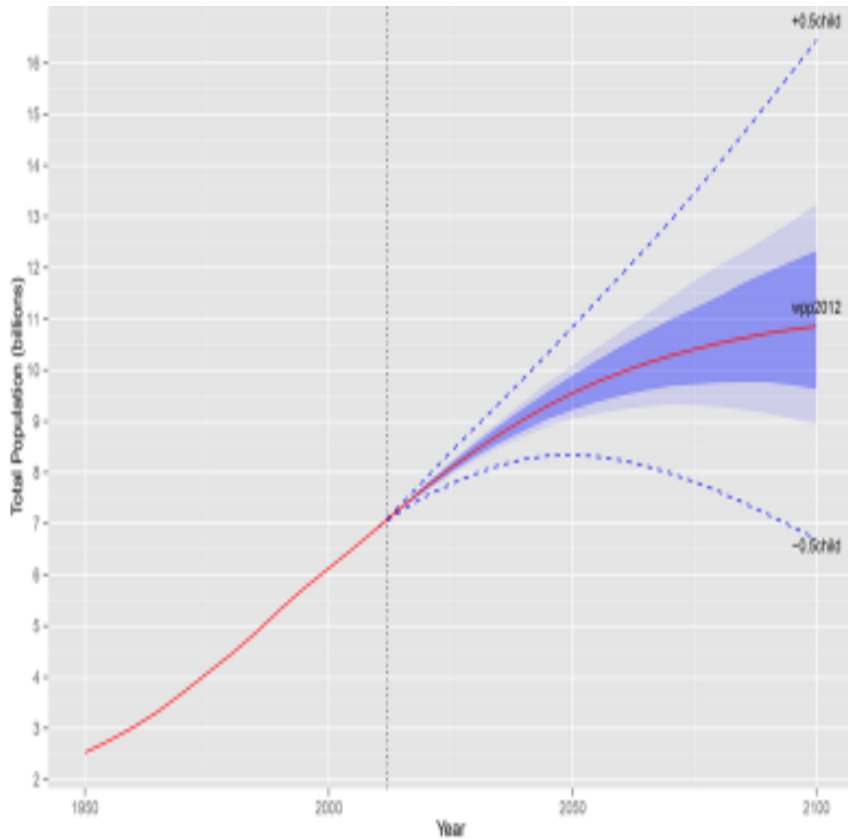


Source: P. D. Jones, T. J. Osborn, and K. R. Briffa
University of East Anglia, Norwich, UK
D. E. Parker, Met. Office, Bracknell, Berkshire, UK



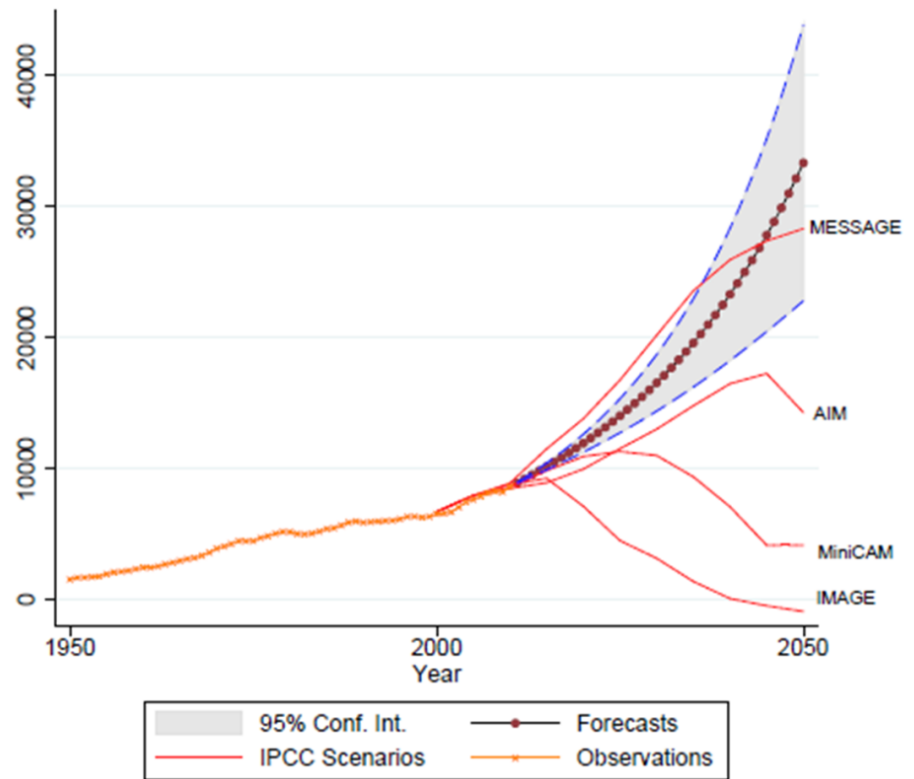
The enormous challenge.....

Global Population



Gerland et al, Science, Sept 2014

Global CO₂-emissions

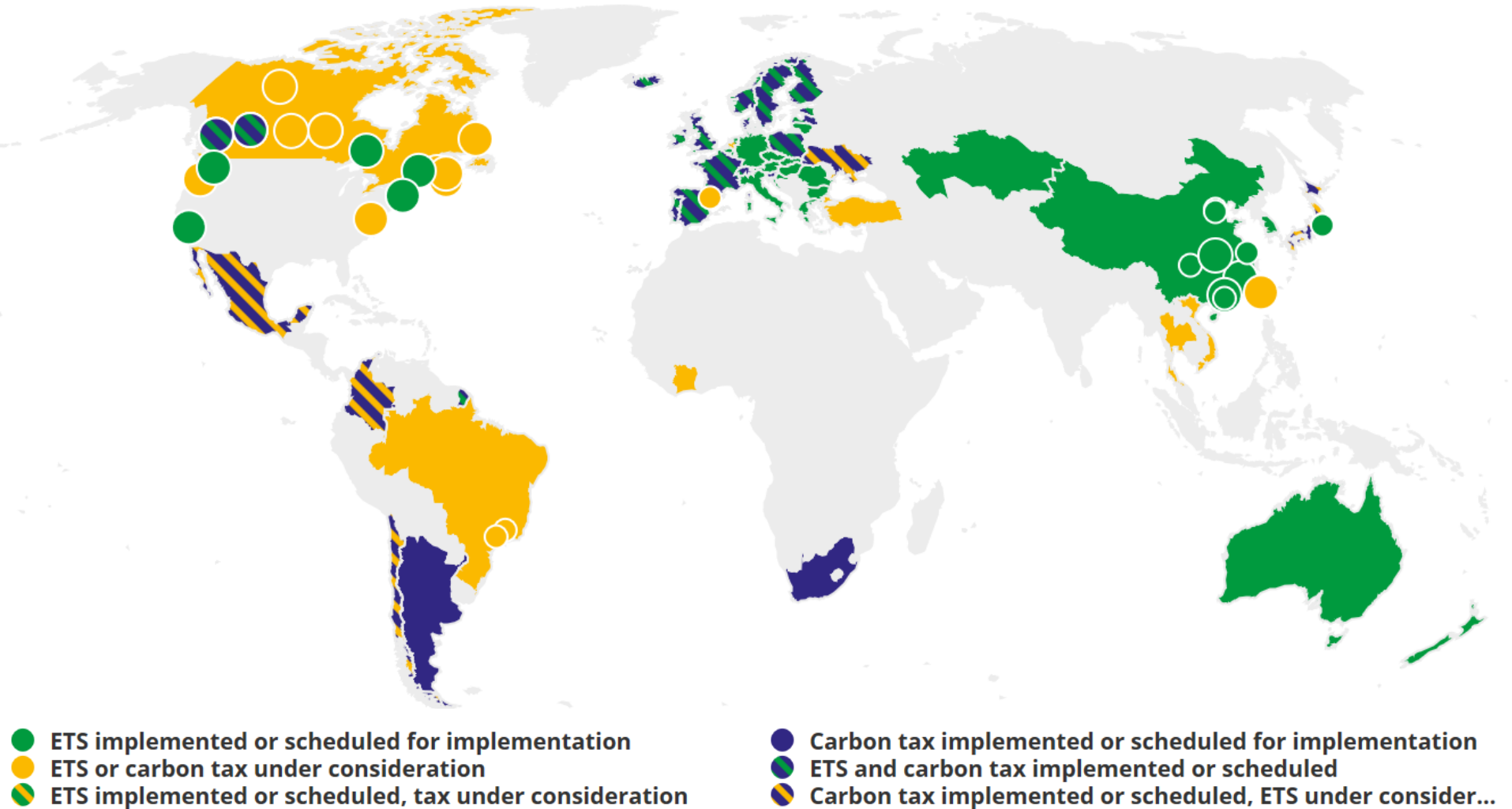


Melenberg, Sen & Vollebergh, 2015

Some Questions

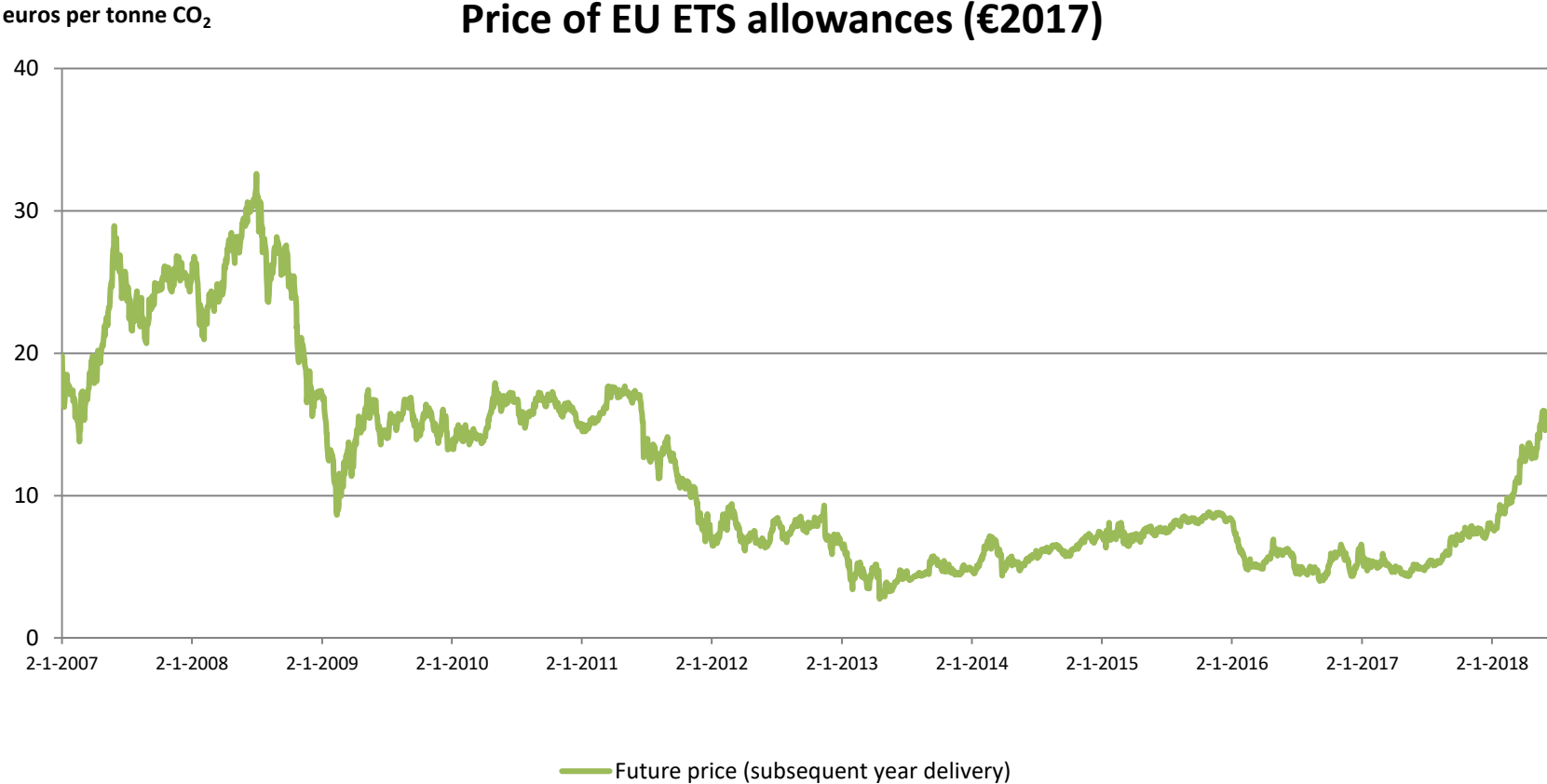
- Temperature goal of 2°C seems great
 - But carbon budget will be spent very soon....
- How to make Paris a success?
 - Does a procedural agreement produce the public good, i.e. more reduction than what pays off for individual countries?
 - Why would bottom-up process (with Nationally Determined Contributions) be self-enforcing?
- Another challenge: incentives!
 - Economists tend to be skeptical due to lack of binding incentives
 - Complexities such as timing of carbon abatement technologies and need for economy wide ('system') solutions

Carbon Pricing



Worldbank: carbon pricing watch

European Trading System



Climate Policy

- Ian Parry (Fiscal Affairs Department IMF)
Policies for implementing the Paris mitigation pledges
- Carolyn Fischer (VU Amsterdam and RFF)
Strategic clean technology policies
- Michael Grubb (Imperial College London)
Different therefore equal: theory and practice of
complementary policy instruments