

# What can GCOS contribute to achieve the Paris Agreement?

How to reduce the carbon footprint of GCOS?

For the SC-26 2018: Michael Zemp



WORLD  
METEOROLOGICAL  
ORGANIZATION

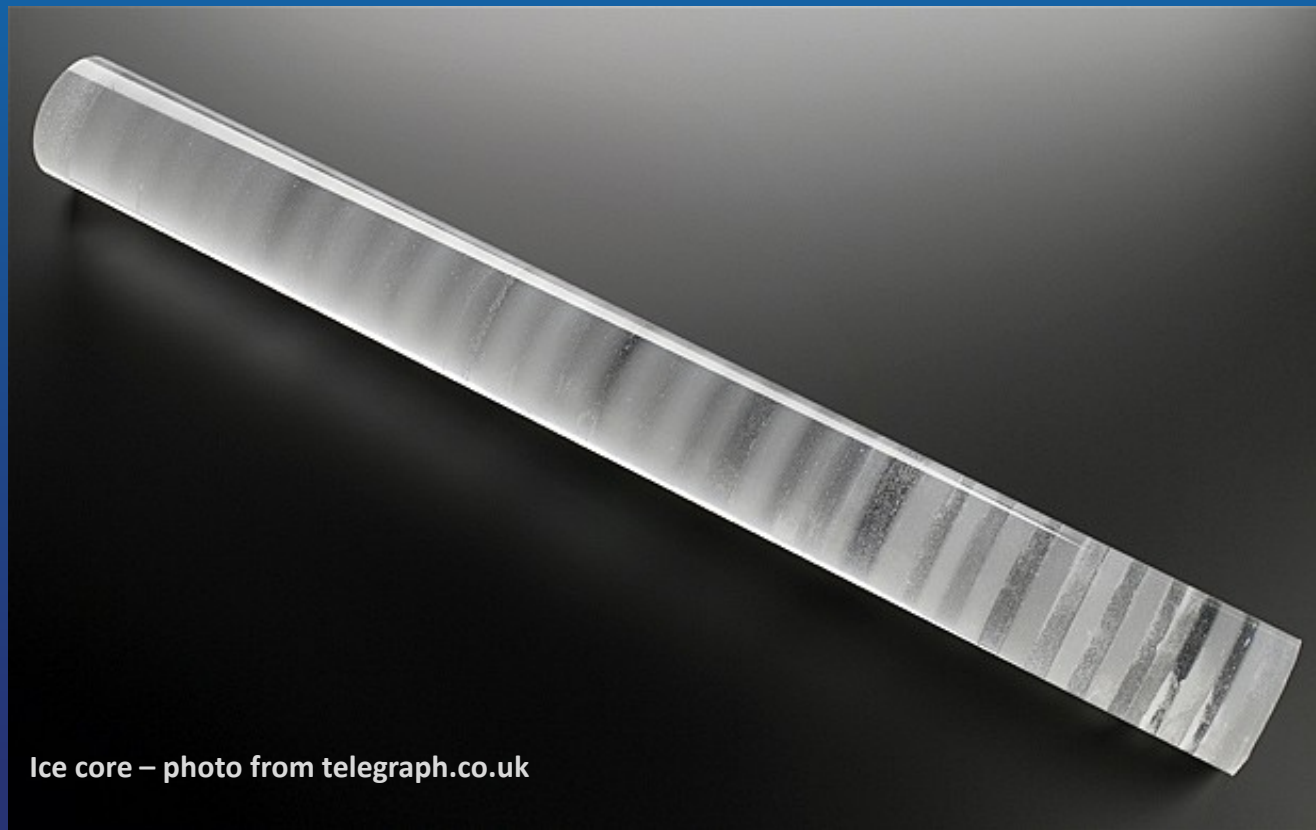


IOC

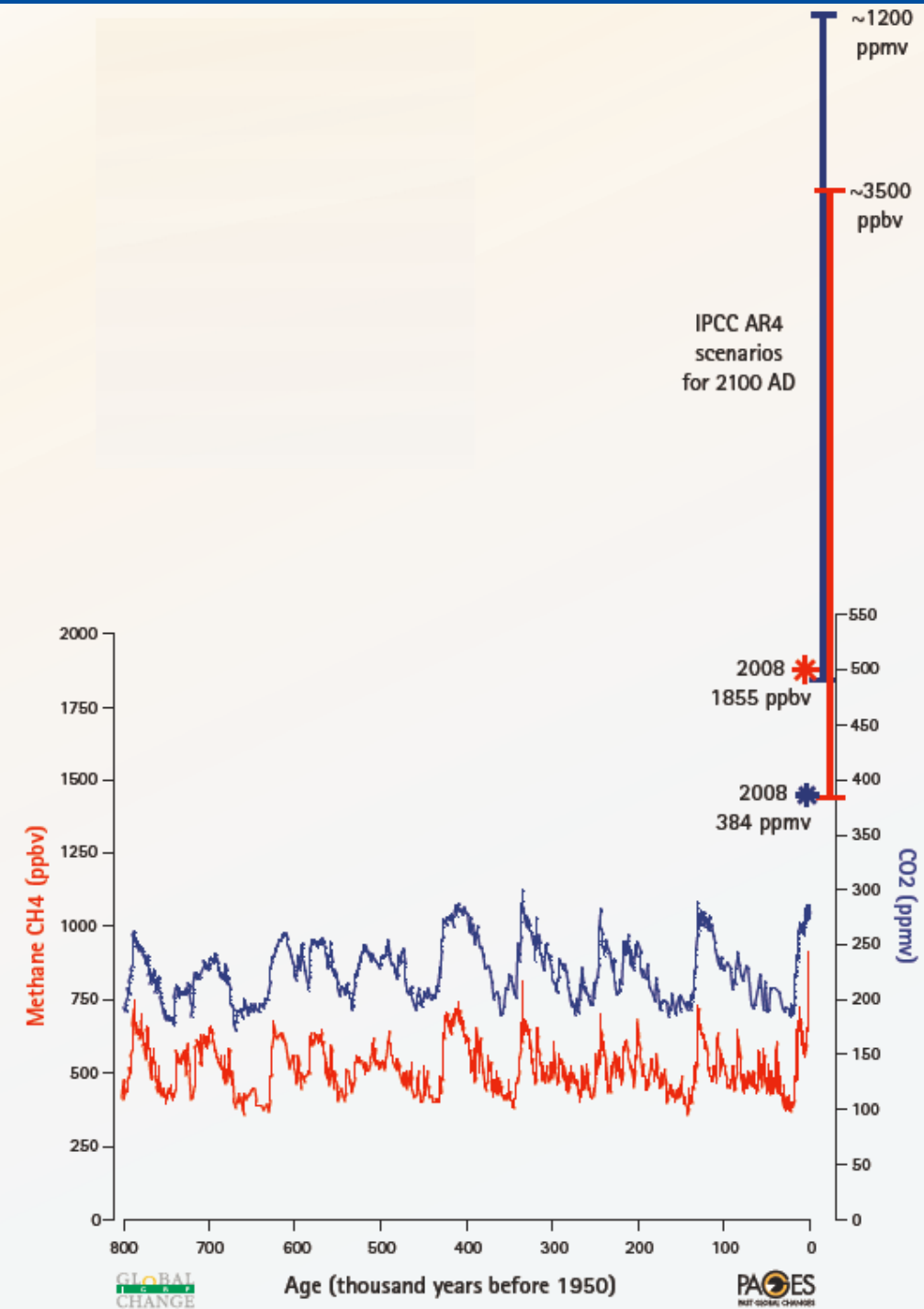
International  
Science Council



**UN**  
environment



Ice core – photo from telegraph.co.uk





# How to reduce our carbon footprint?



- Start monitoring
- Set reduction goals
- Take reduction measures
  - Implement 2000-watt office
  - Reduce air miles
  - Develop new meeting culture
  - ...
- Offset baseline emissions
- Communicate good examples

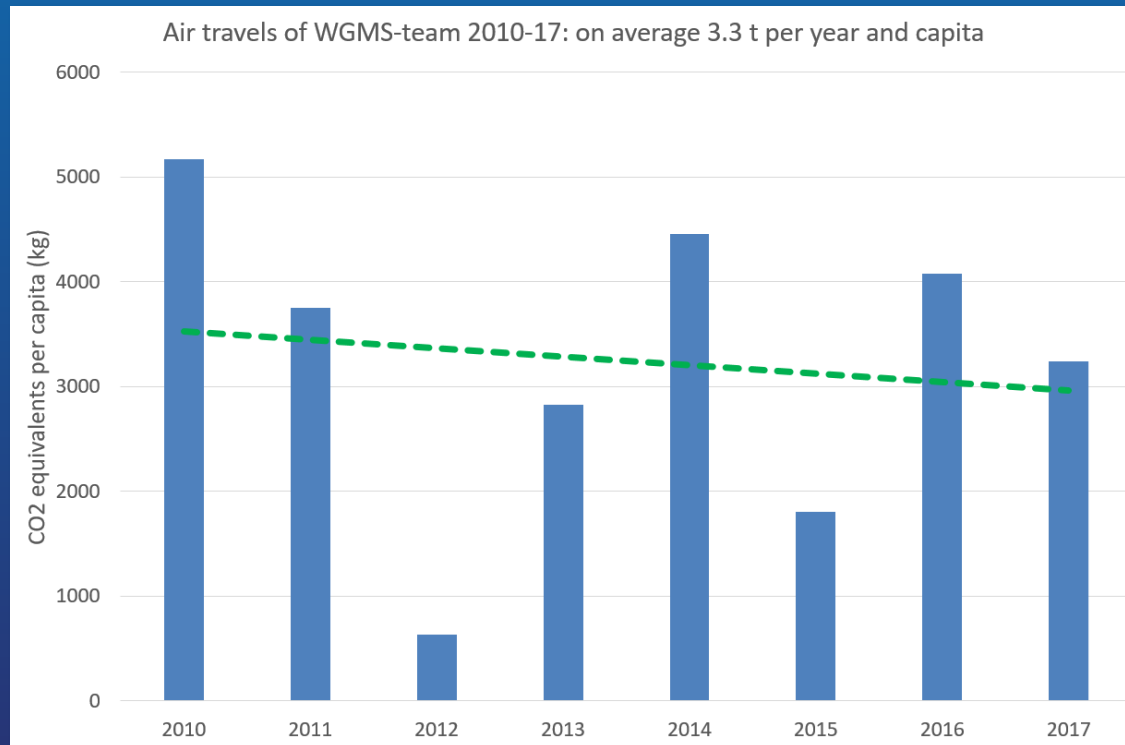




# How to reduce our carbon footprint?



## Example: air miles monitoring & reduction goals

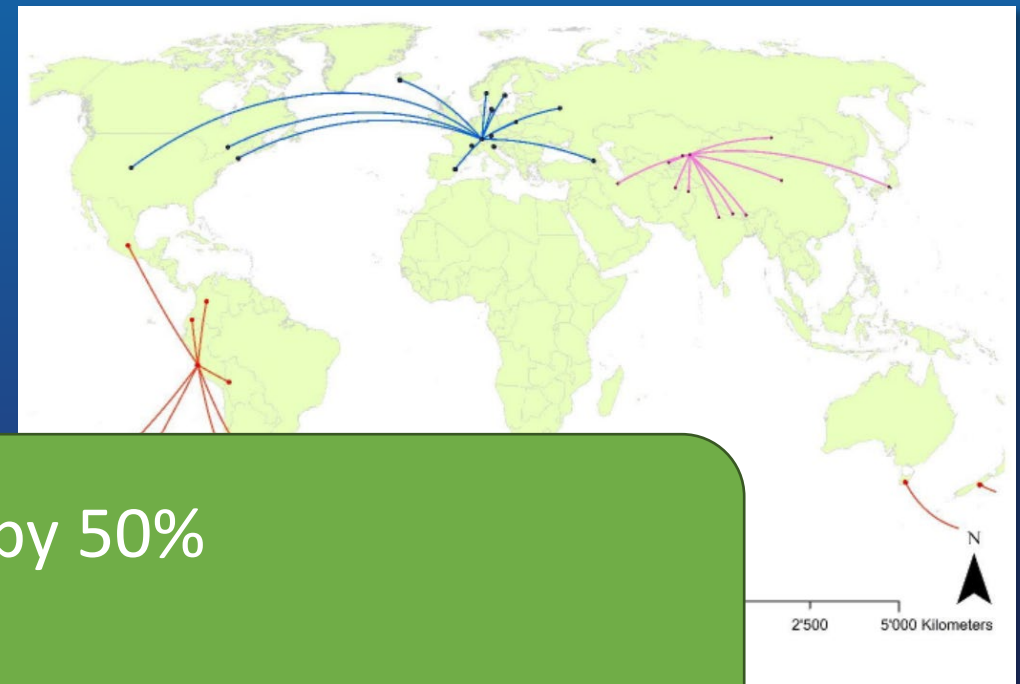




# How to reduce our carbon footprint?



## Example: general assembly of national correspondents



- => air miles reduction by 50%
- => same budget
- => better focus on regional issues



# How to reduce our carbon footprint?



## Example: WMO air travel policy



Zurich – Beijing, Beijing – Hangzhou  
 Hangzhou – Beijing, Beijing – Zurich  
 Travel time: **32 hours**  
 Costs: **1,400 CHF**  
 CO2-emissions: **1,924 kg**



Zurich – Shanghai, bullet train Shanghai - Hangzhou  
 bullet train Shanghai – Hangzhou, Shanghai - Zurich  
 Travel time: **26 hours**  
 Costs: **1,940 CHF**  
 CO2-emissions: **791 kg**

Reimbursement regulations need to consider ecological criteria and get rid of current «cheap flight» obsession.



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