

# Metrology and standards in practice



Annette Koo  
Chief Metrologist

Pacific Islands Standards Week, 2024

# Exercise – Snake lollies

- 7  
- 6  
- 5  
- 4  
- 3  
- 2  
- 1



- 7  
- 6  
- 5  
- 4  
- 3  
- 2  
- 1



- 2  
- 1

- 7  
- 6  
- 5  
- 4  
- 3  
- 2  
- 1



- 2  
- 1

— 5  
— 4  
— 3  
— 2  
— 1



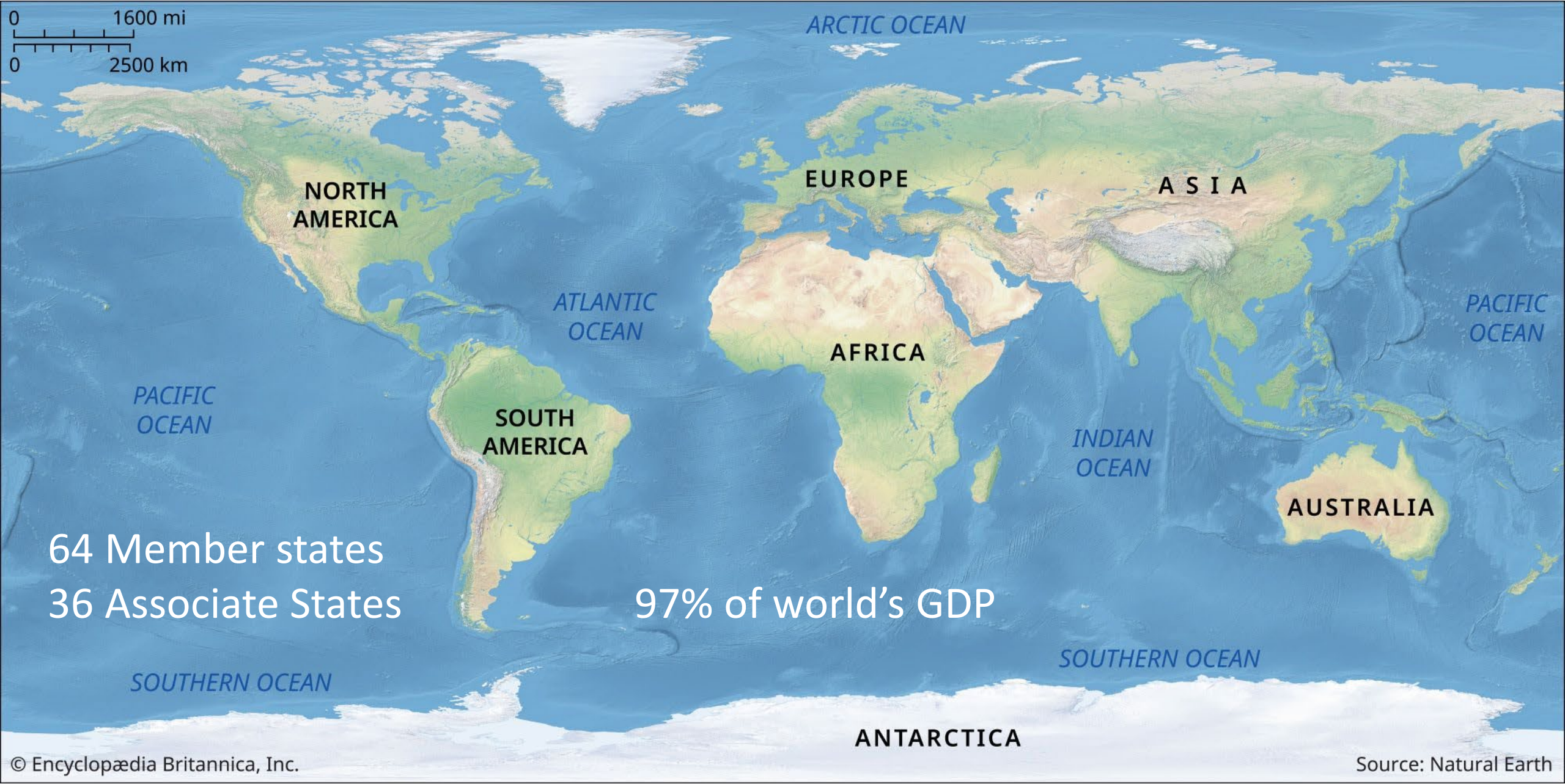
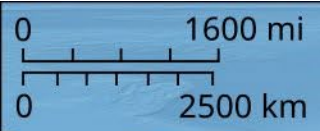
Art: 14

La présente convention sera ratifiée suivant les lois constitutionnelles particulières à chaque État ; les ratifications en seront échangées à Paris dans le délai de six mois ou plus tôt, si faire se peut. Elle sera mise à exécution à partir du 1<sup>er</sup> janvier 1876.

En foi de quoi, les Plénipotentiaires respectifs l'ont signée et y ont apposé le cachet de leur Armée.

Fait à Paris, le 20 Mai 1875.

De Carat  
C. de Meaux  
Mamag



64 Member states  
36 Associate States

97% of world's GDP





"Dairy Farm Irrigation, Lake Ruataniwha" flickr photo by flyingkiwigirl <https://flickr.com/photos/flyingkiwigirl/28065191676> shared under a Creative Commons (BY-NC-ND) license



"Side of Laura's house" flickr photo by KatieTT <https://flickr.com/photos/katiett/8351766451> shared under a Creative Commons (BY-NC) license



"Measuring the Carapace." flickr photo by smilla4 <https://flickr.com/photos/smilla4/6116678034> shared under a Creative Commons (BY-NC) license



"Evening Drills" flickr photo by sunface13 <https://flickr.com/photos/sunface13/2240141064> shared under a Creative Commons (BY-NC-ND) license



IMG00125 by John M CC BY SA 2.0





# Exercise – Fishing competition

# When measurements are included in a standard

Make sure

- Traceability to suitable references is specified
- Accredited calibration services are available for the required measurements
- Training in measurement best practice is available
- Measurement conditions are correctly specified