

# Global Research Council

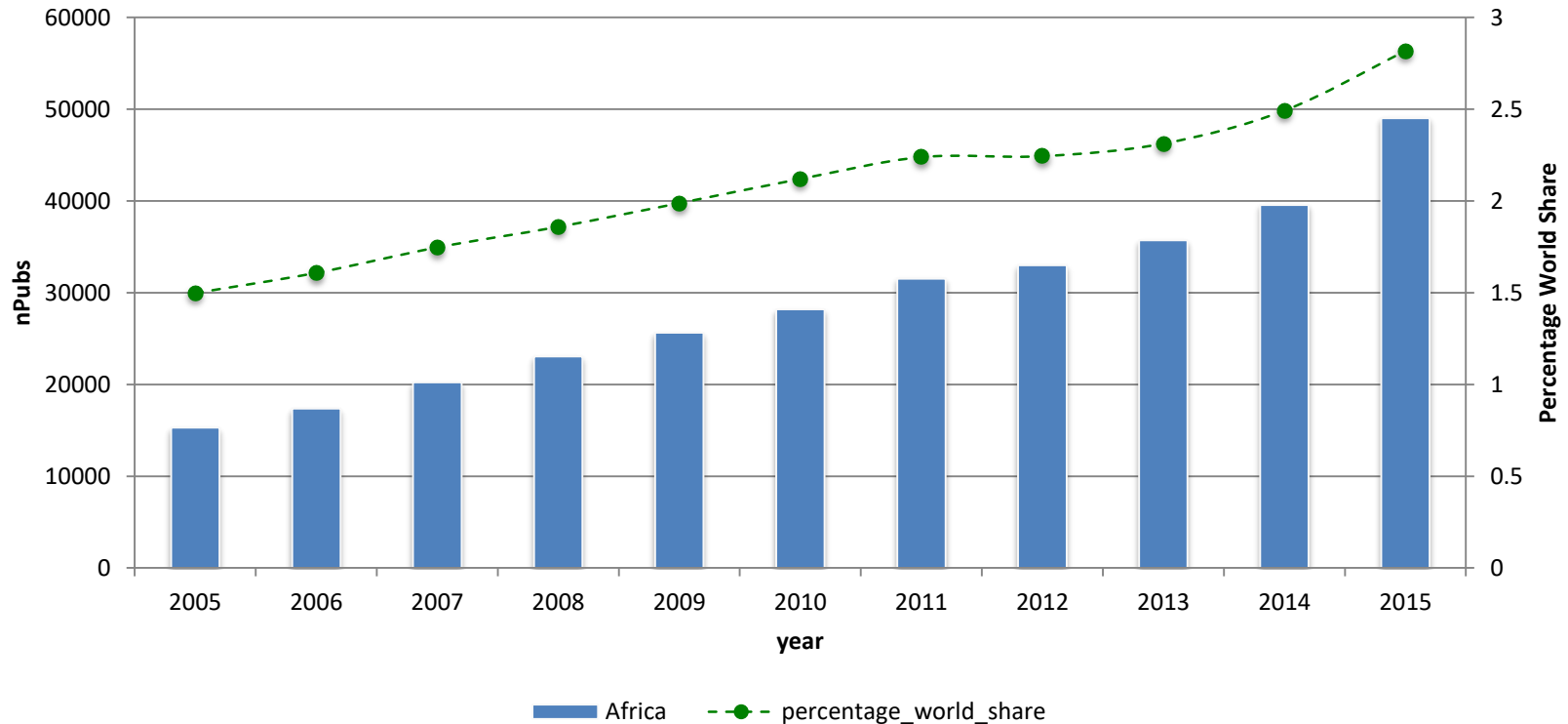
Africa Regional Meeting

Livingstone, Zambia

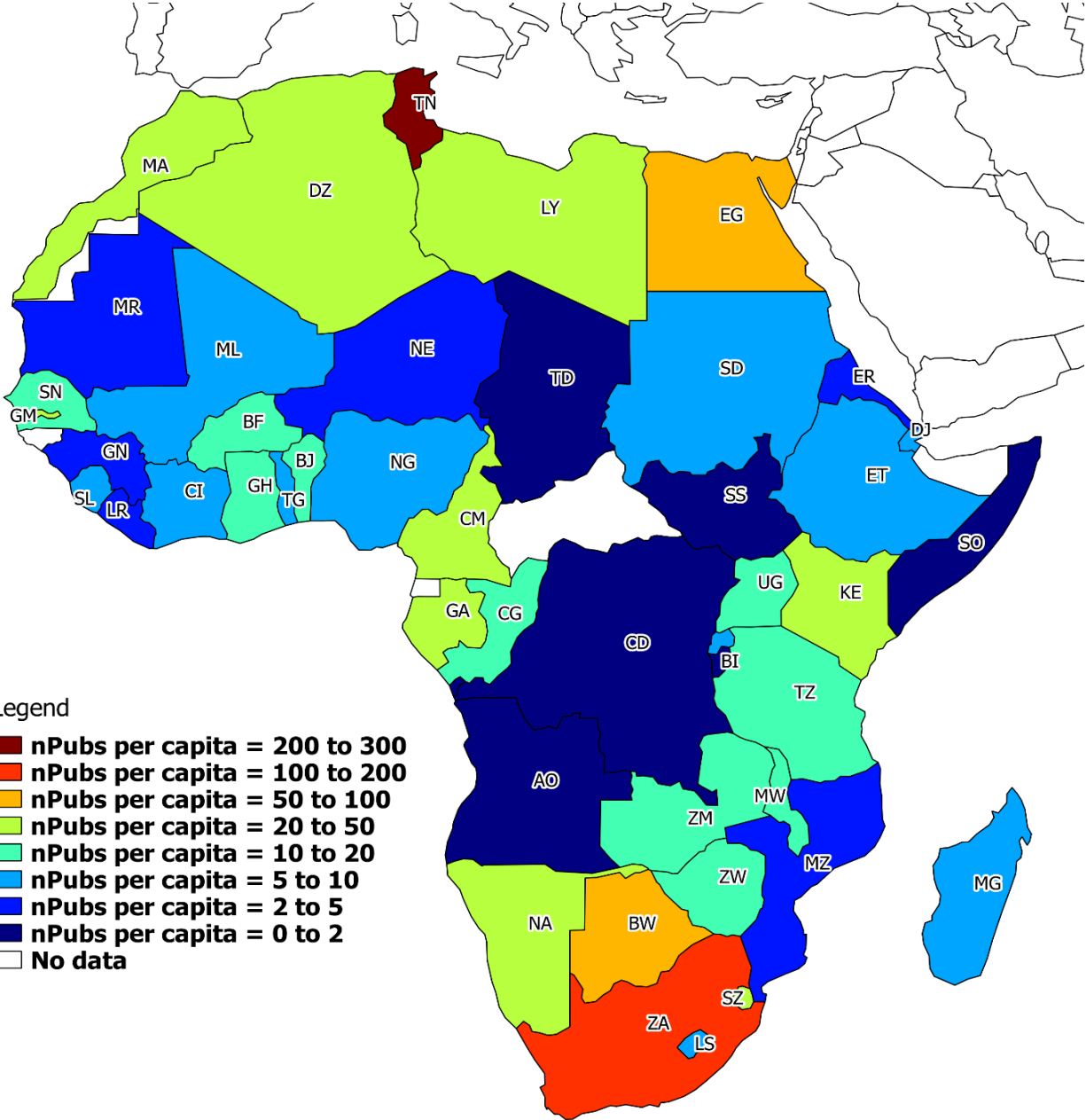
22 – 24 November, 2017

# Output of scientific papers

Africa's **annual output of scientific articles** has been steadily increasing over the past decade: from 15,285 in 2005 to 49,015 in 2015. This rate of increase exceeds the world average over the same period, with the result that Africa's share of world publication output nearly doubled from 1.5% in 2005 to 2.8% in 2015

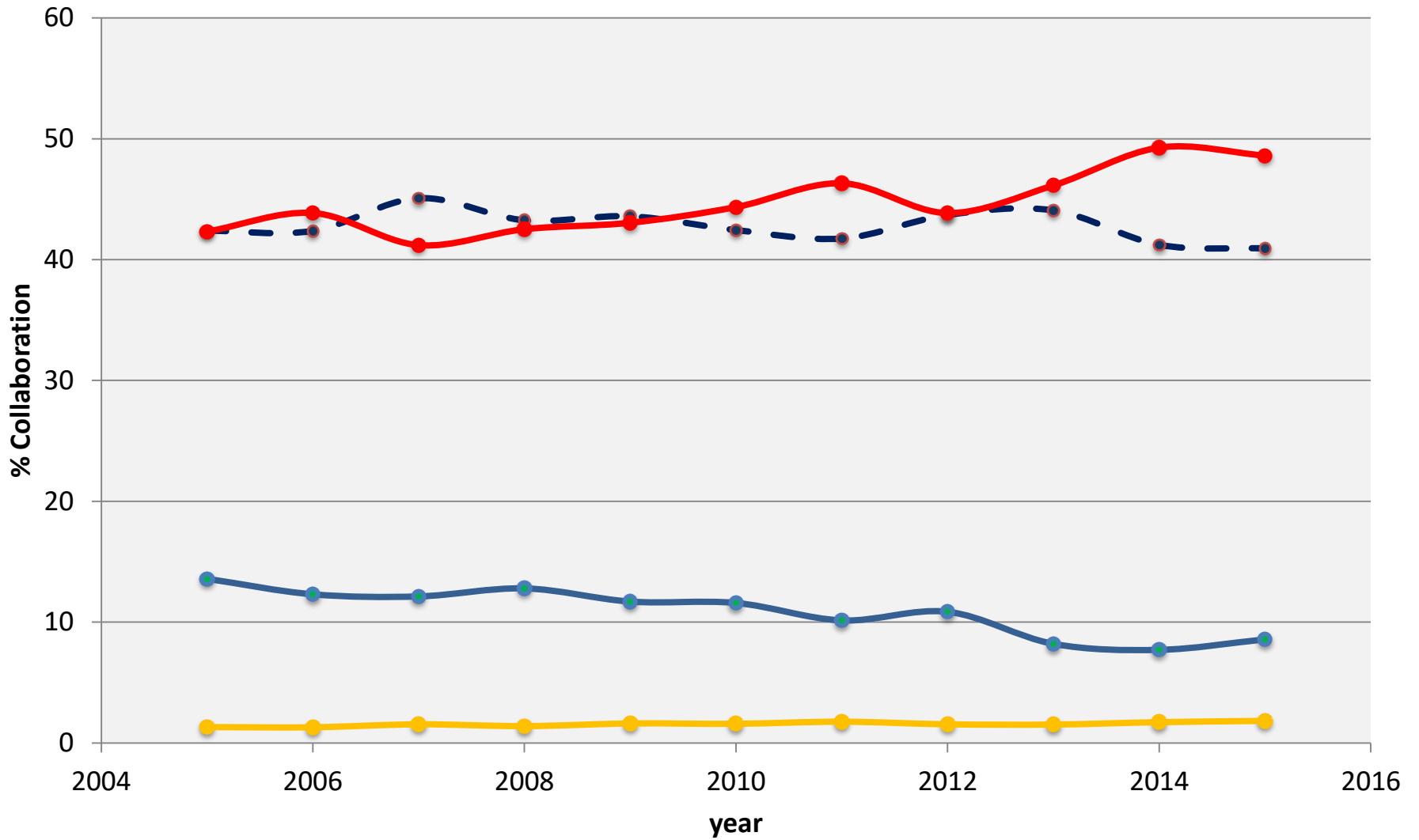


# Normalized output by country (2011 – 2015)



- Legend
- nPubs per capita = 200 to 300
  - nPubs per capita = 100 to 200
  - nPubs per capita = 50 to 100
  - nPubs per capita = 20 to 50
  - nPubs per capita = 10 to 20
  - nPubs per capita = 5 to 10
  - nPubs per capita = 2 to 5
  - nPubs per capita = 0 to 2
  - No data





- % No collaboration
- % National collaboration only
- % Collaboration between African countries
- % Collaboration between African and the rest of the world

# Research collaboration

- African scientists increasingly collaborate with scientists elsewhere in the world.
- Collaboration between countries on the continent only is negligible. In addition, less than 10% of papers are single institution (*no collaboration*) papers.
- The majority of Africa's papers fall into 2 categories:
  - *national collaboration* at about 40%
  - *international collaboration* is about 50%
- The trend is clearly in favour of the latter.