

# Climate Observations in 22 African Countries at 550 locations: the TAHMO Network

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## SENSOR DESIGN



From many parts to **all-in-one station** with no moving part & redundant sensors



## WEATHER & CLIMATE



Schools from the **West and Global South** get to learn from each other's **climate and culture** and both use the TAHMO data to improve their **STEM education**



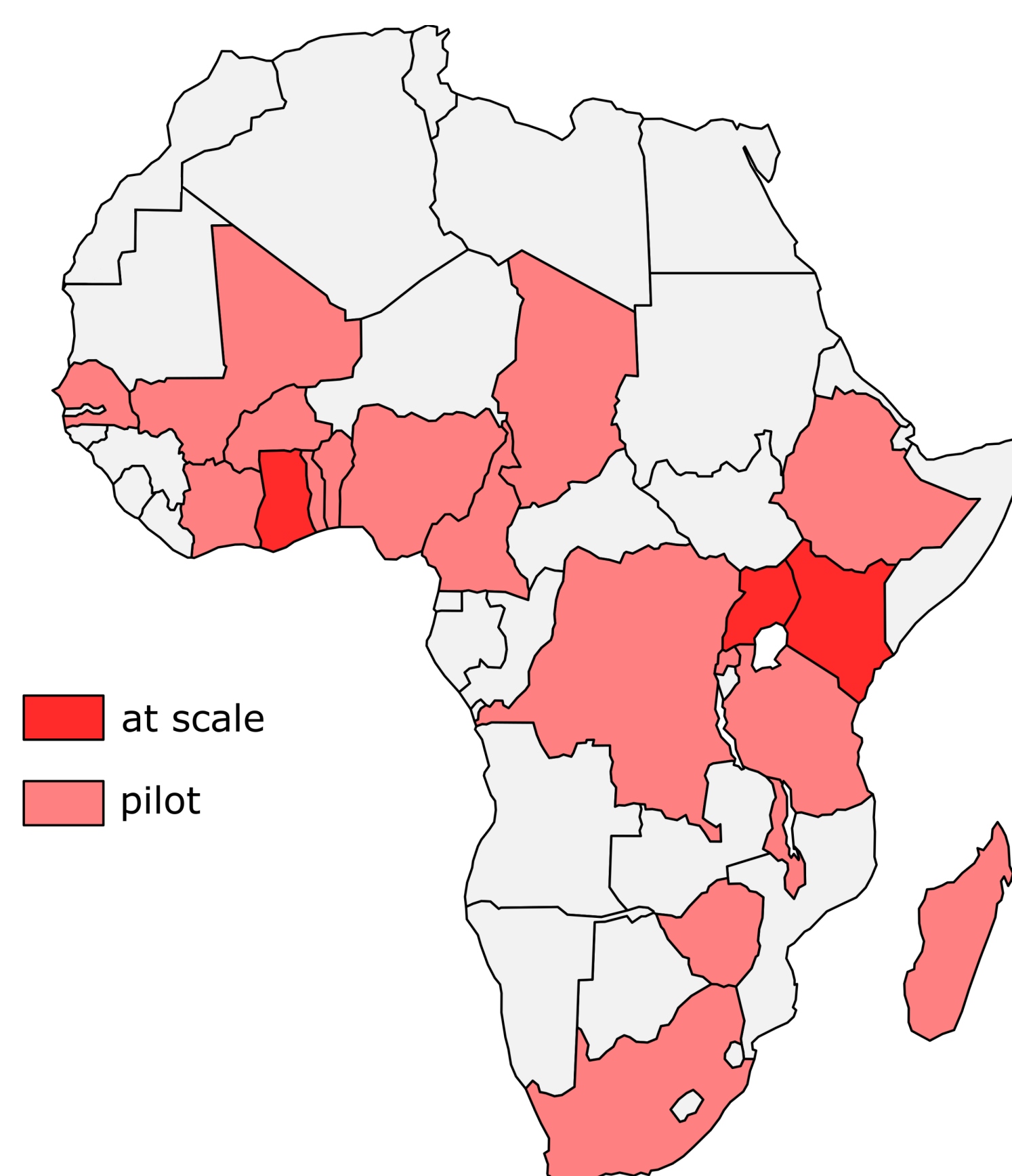
## ENTREPRENEURSHIP



[Watch a short documentary on TAHMO](#)

Anticipated hardware value - US\$200  
Current hardware value ~US\$2000

## TAHMO COUNTRIES



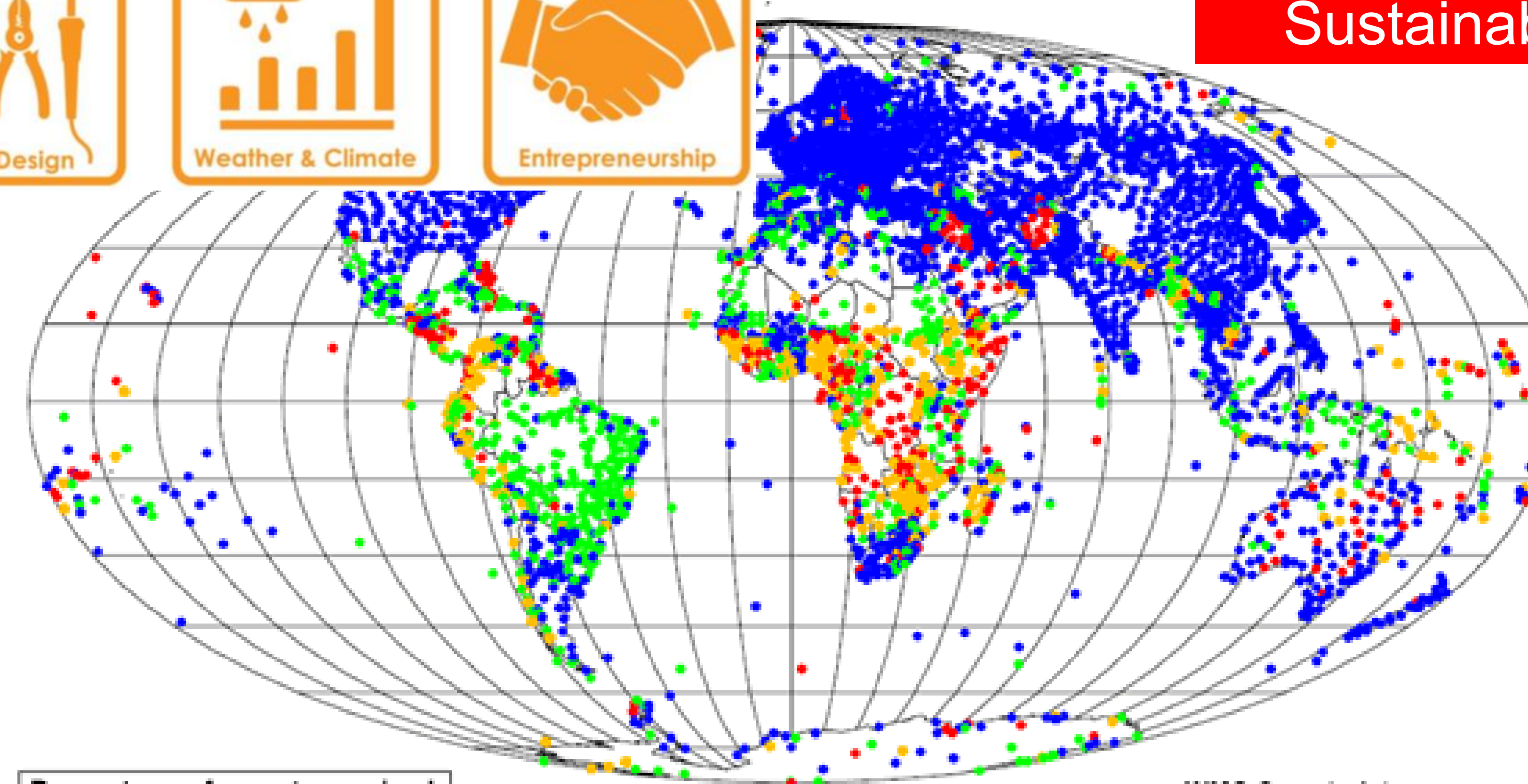
22 Countries and 550+ locations in Sub-Saharan Africa



Value & Financial Sustainability



1. How do we keep schools continuously motivated?
2. **When should we reduce dependency on donor funding?**
3. How can others contribute to or use our materials developed especially during COVID-19 online?
4. **What should we expect from researchers who use the data?**
5. **Can we avoid the value of the data being diffused?**
6. Who should pay for the maintenance of the stations?
7. How do we engage in more PPPs?



Percentage of reports received:

- 90 to 100% (2912 stations)
- 45 to 90% (697 stations)
- Less than 45% (325 stations)
- Silent stations (350 stations)

WMO Secretariat

The designation employed and the presentation of material in this publication do not imply the expression of any opinion whatsoever on the part of the WMO Secretariat concerning the legal status of any country, territory, city or area.

TAHMO's aim is to **add 20,000** to the **no. of blue** (reporting) stations in Africa - we are at **~600** so far



METER



Oregon State University

