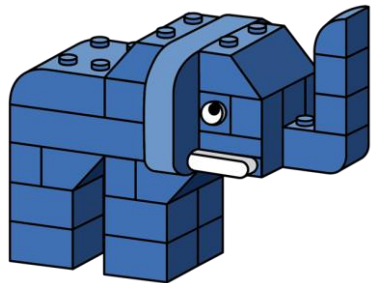
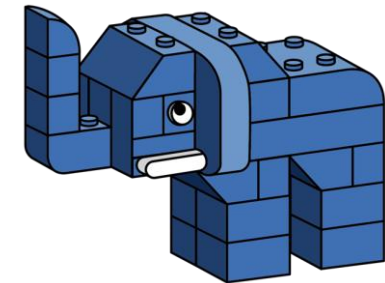




TEMBO Africa: Transformative Environmental Monitoring to Boost Observations in Africa



Mark Noort
HCP international





Ambition & Objectives

Our ambition is to close the environmental in situ data gap in Africa

General objective: to have cost effective innovative sensor networks that can be financed by the climate services we develop using these sensors

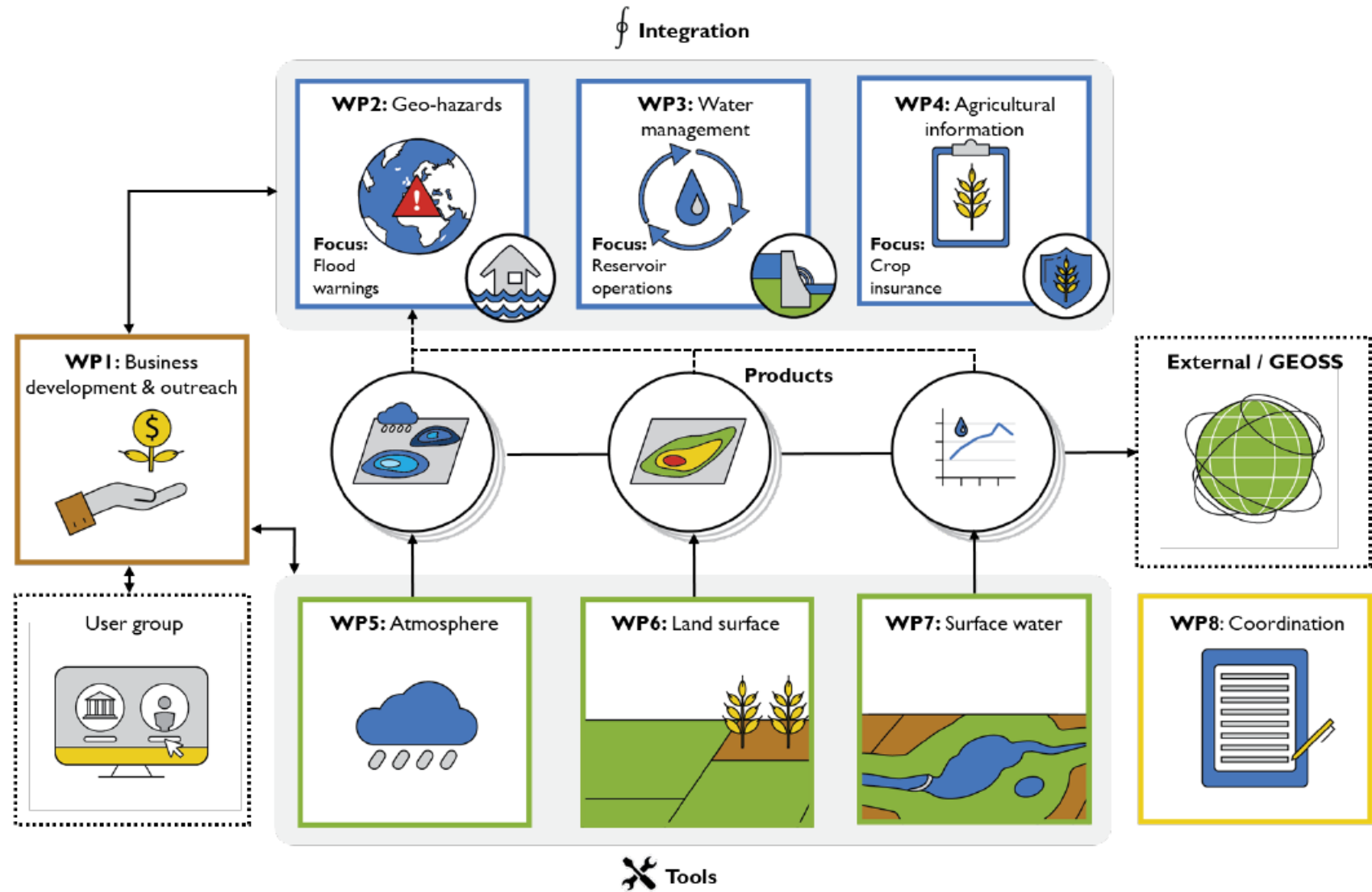
- Operationalise the use of cost-efficient innovative in situ sensors in Africa;
- Make African data available through GEOSS and external parties in (near-)real time;
- Create socio-economic value by developing services using new sensors plus satellites and models;
- Market these new services to harvest resources to maintain sensors and services.

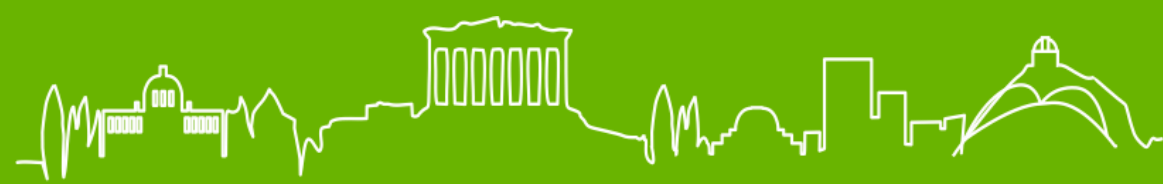


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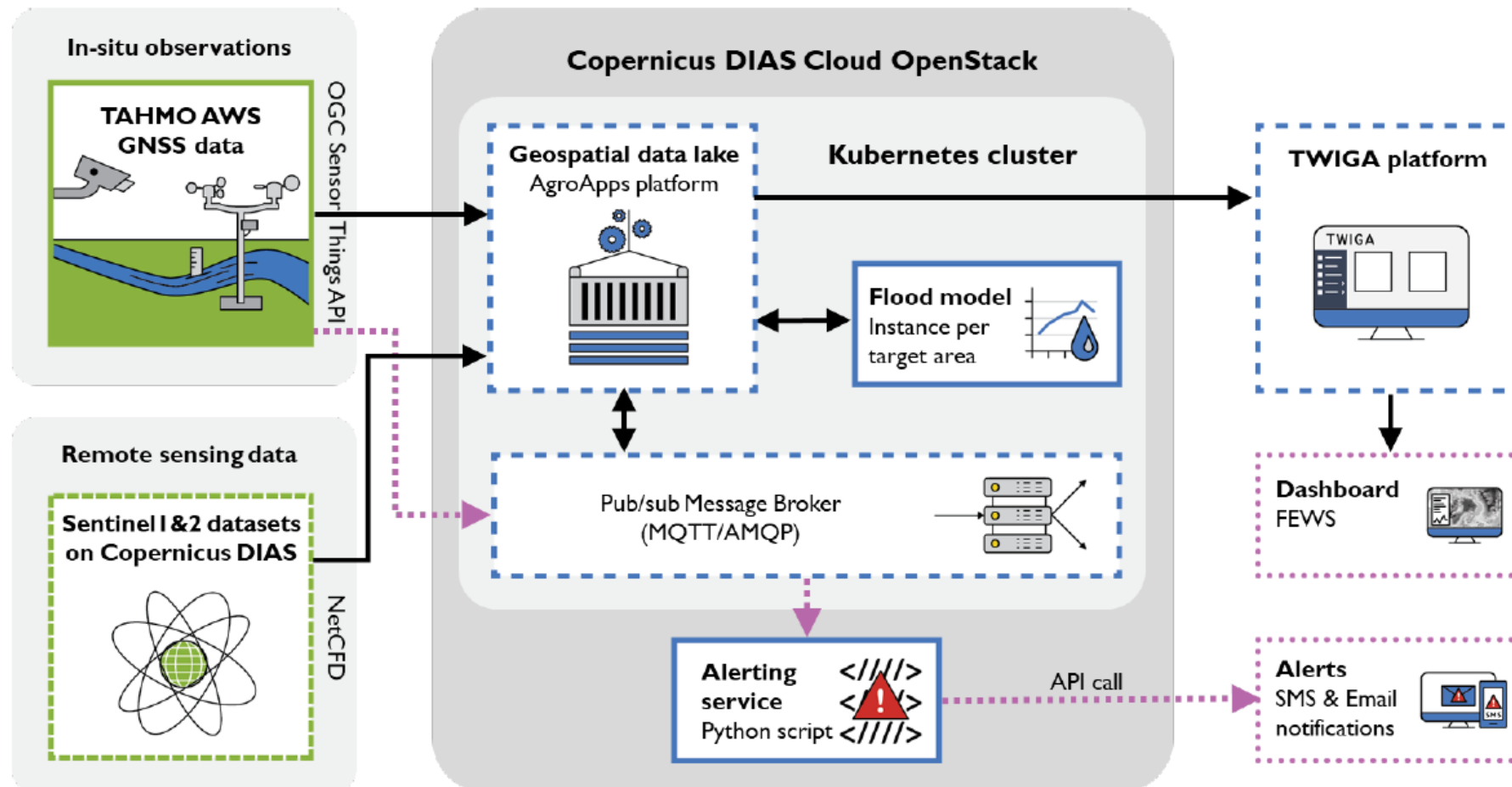


Project set-up





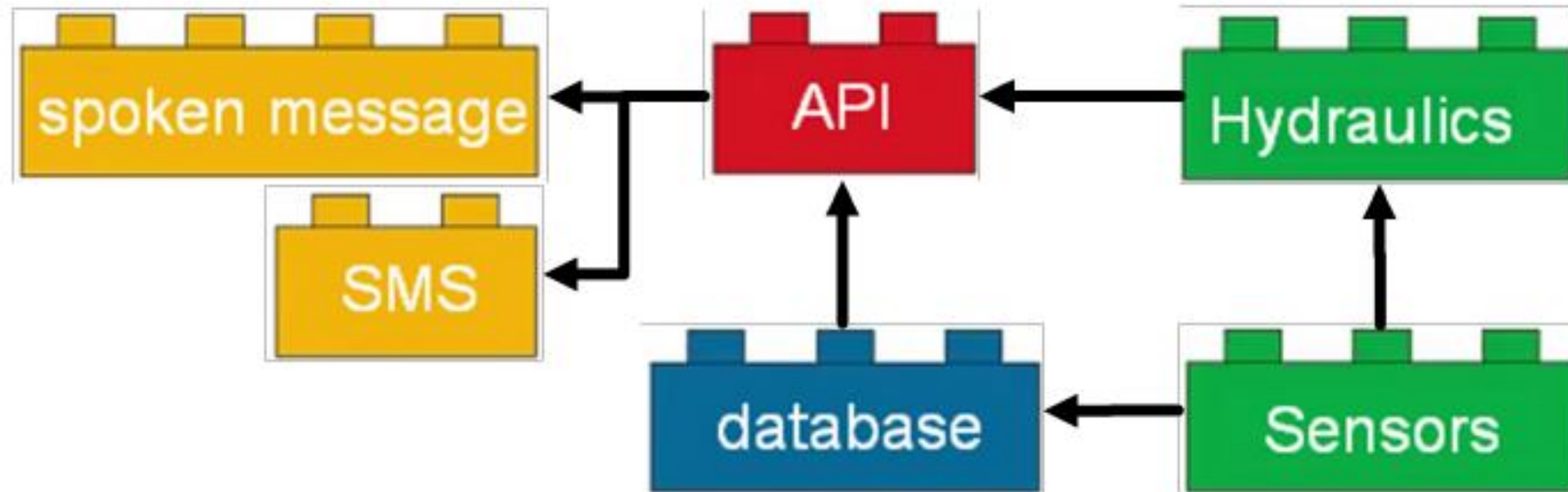
Example flood early warning service





Making use of building blocks & service-in-a-service

SOLUTION: LEGO[®]-ISATION





Example of a non-trivial problem:

Africa's high insect pressure is one of many challenges that will be tackled for network sustainability





Thank you!

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