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Organization of the
United Nations

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Side Event

A photograph showing four farmers in a field, each using a manual sprayer. They are silhouetted against a bright, hazy background, likely due to the spray or a bright sky. The field is green, and there are palm trees in the distance.

Finding alternatives to highly hazardous pesticides (HHPs)- Experiences from African, Caribbean and Pacific countries

Baseline study on the number and type of highly hazardous pesticides registered in African, Caribbean and Pacific countries

Online segment of the meetings of the BRS COP
29 July 2021, h 2-3 pm Geneve time



SOUND CHEMICAL MANAGEMENT

Importance of sound management of chemicals in contributing to the 2030 Agenda for Sustainable Development

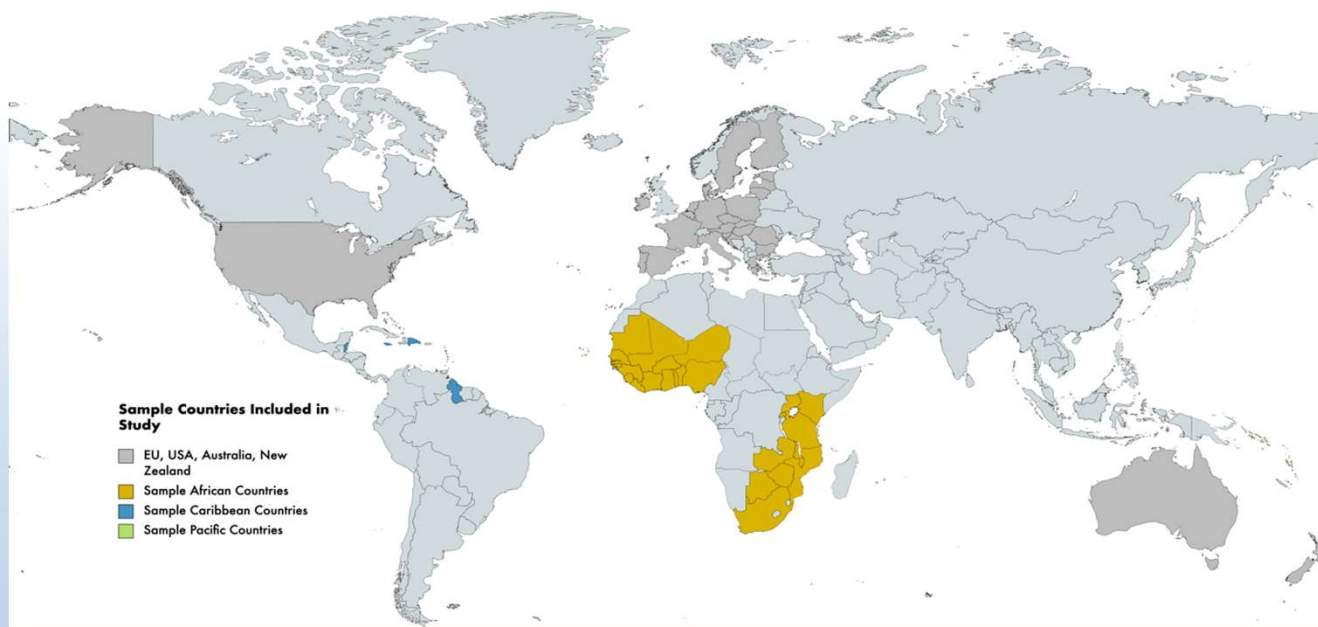
- specific target under SDG 12
- referred to under SDG 3 and SDG 6
- contributes to many others, if not all, SDGs





BASELINE STUDY

49 ACP COUNTRIES



STUDY OBJECTIVE:

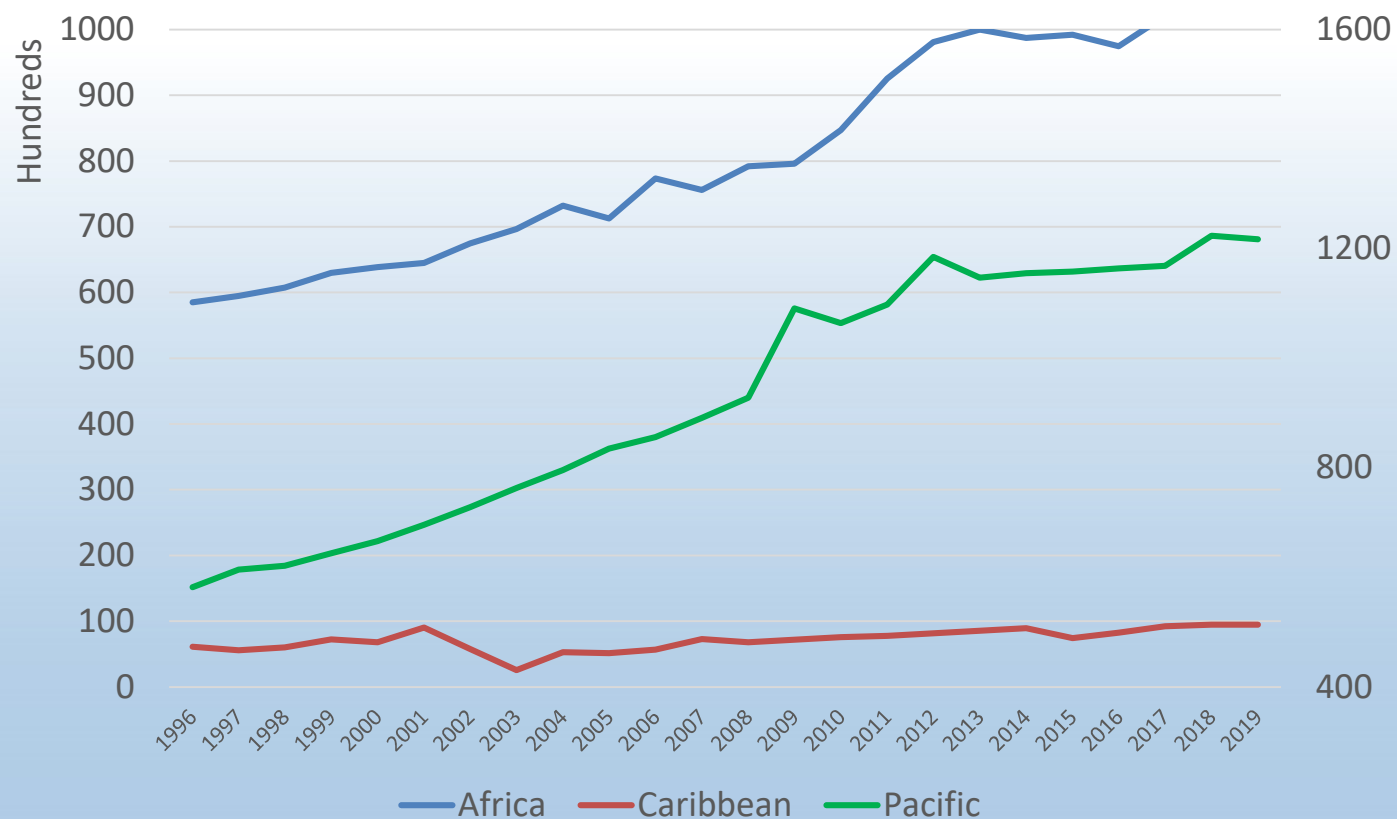
Establish a baseline on the number and type of highly hazardous pesticides registered for crop protection in selected African, Caribbean and Pacific countries) to inform national planning and regional strategies on pesticide risk reduction under ACP MEAs3



TOTAL PESTICIDE USE IN ACP REGIONS (tonnes)

Africa and Caribbean

Pacific





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Highly hazardous pesticides
(HHPs)

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FAO/WHO Guidelines on HHPs



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World Health
Organization



International Code of Conduct
on Pesticide Management

Guidelines on Highly Hazardous Pesticides



Identification



Assessment



Mitigation



DATASET

- Active ingredient
- CAS Registry Number
- Registration status
- Type of pesticide
- FAO/WHO JMPM criteria 1-7
- Environmental and health concern

Source of data: pesticide registries and approved national pesticide lists

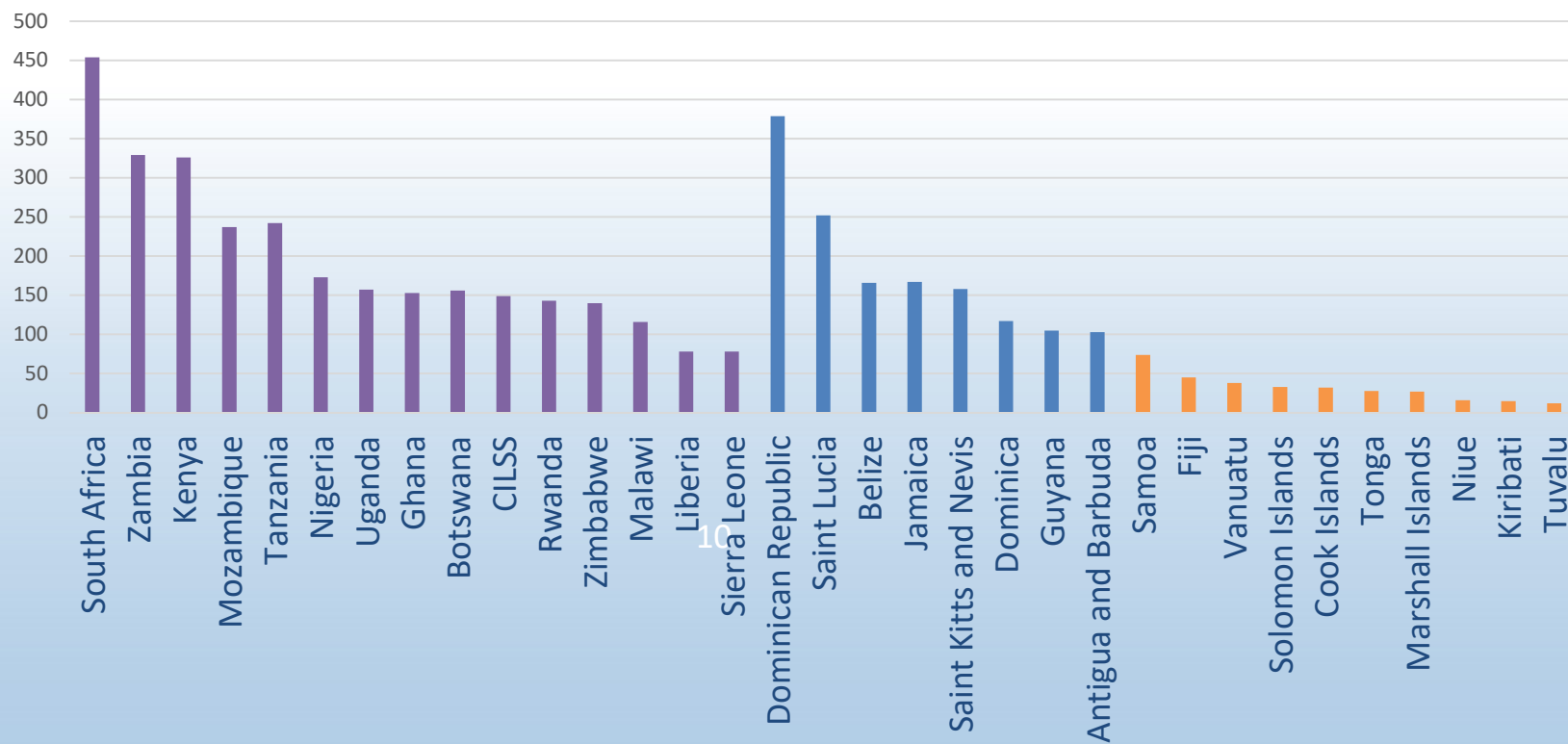


DATASET LIMITATIONS

- **Pesticide registries are continuously updated**
- **Some figures are being cross-checked**
- **Just a first step: registration does not mean use**



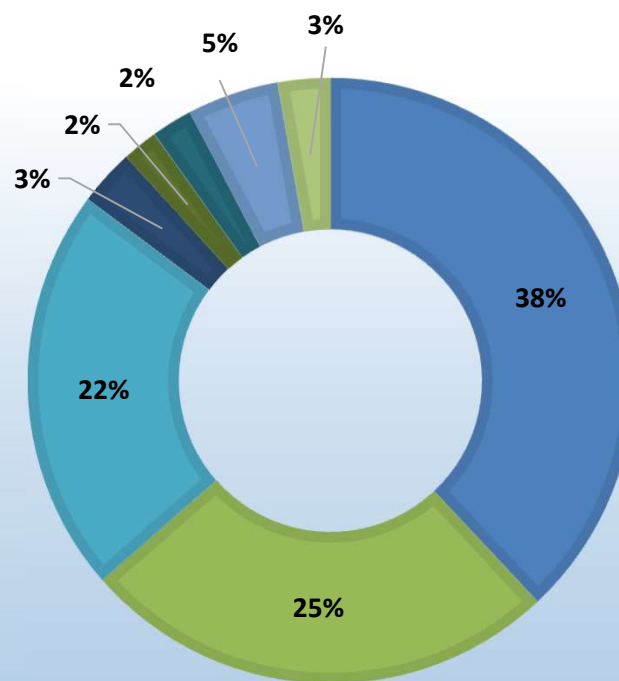
ACTIVE INGREDIENTS REGISTERED (crop protection)





ACTIVE INGREDIENTS REGISTERED

- Insecticides
- Herbicides
- Fungicides
- Biopesticides
- Rodenticides
- Acaricides
- Plant growth regulators
- Others





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A relatively small group of pesticides (active ingredients) are HHPs

About 6% in some SADC countries

Around 10% in the other regions (provisional figure)

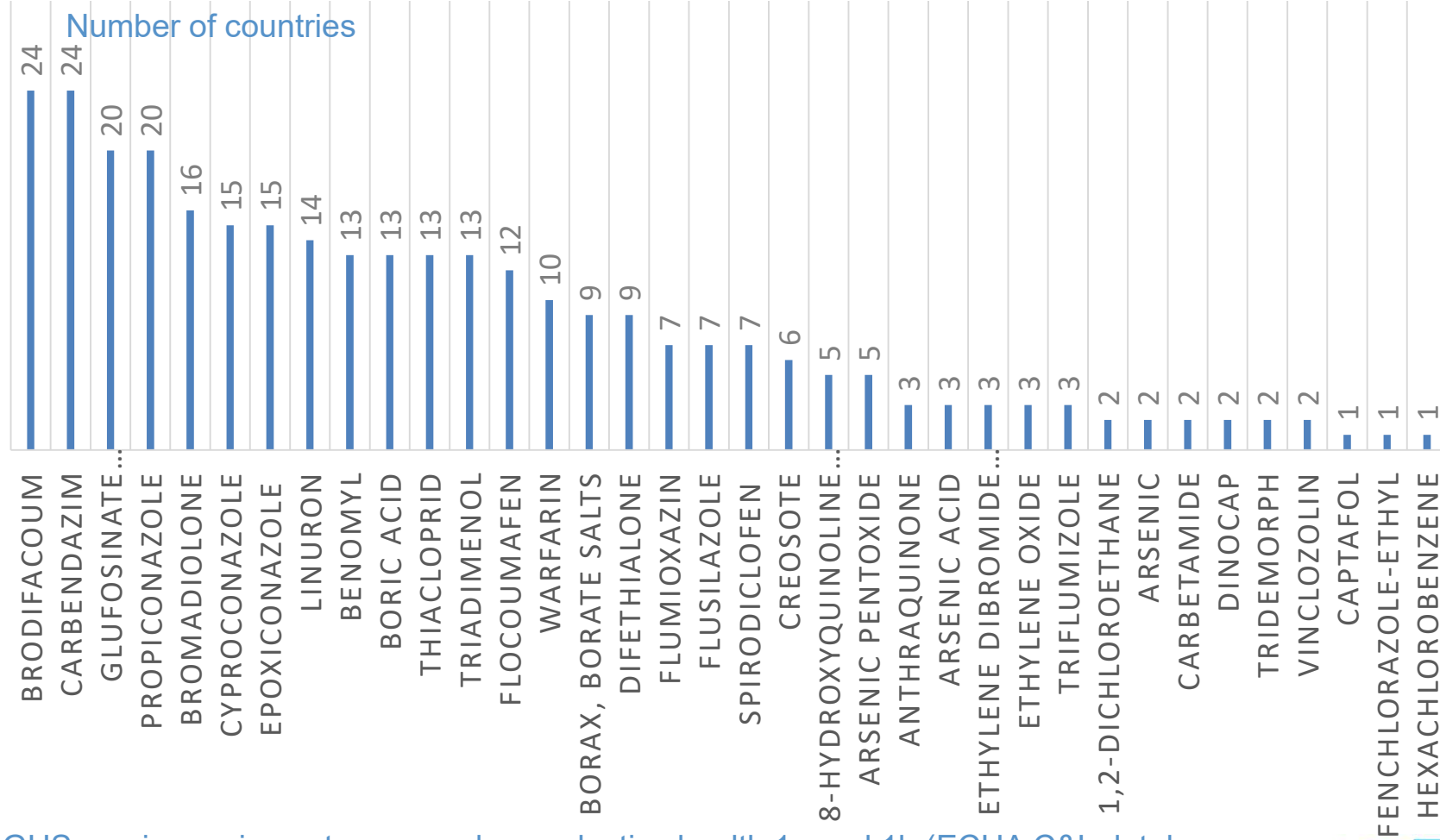


ACUTE TOXICITY

- ❑ 50 active ingredients in WHO hazard class Ia and Ib
- ❑ About 50% only registered in 1 or 2 countries
- ❑ A few registered in 20 to 33 countries: e.g. methomyl and oxamyl



CHRONIC TOXICITY



GHS carcinogenic, mutagenic and reproductive health 1a and 1b (ECHA C&L database (Classification & Labelling))



CONVENTIONS

- ❑ Dicofol
- ❑ Several highly hazardous pesticides listed under Annex 3 of the Rotterdam Convention are registered in Africa and a few in the three regions: e.g. alachlor, carbofuran...



NEXT STEPS

- Finalise the desk–based baseline
- National consultations to prioritize HHPs
- Focus on **ecological alternatives for priority HHPs to reduce risk**
- Identify challenges common to the regions
- Regional and inter-regional collaboration



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Thank you

