

Pre-SBSTTA Workshop Program

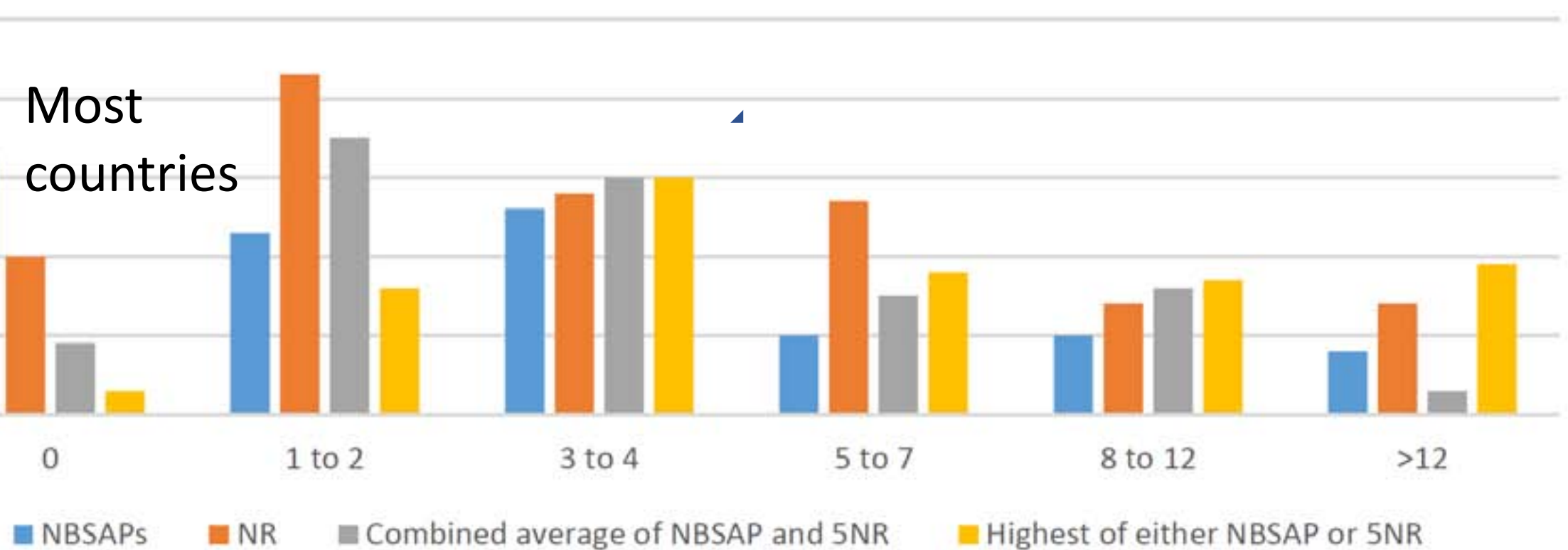


Spatial Data for 6th National Reports

6 NATIONAL REPORTS: Key issues

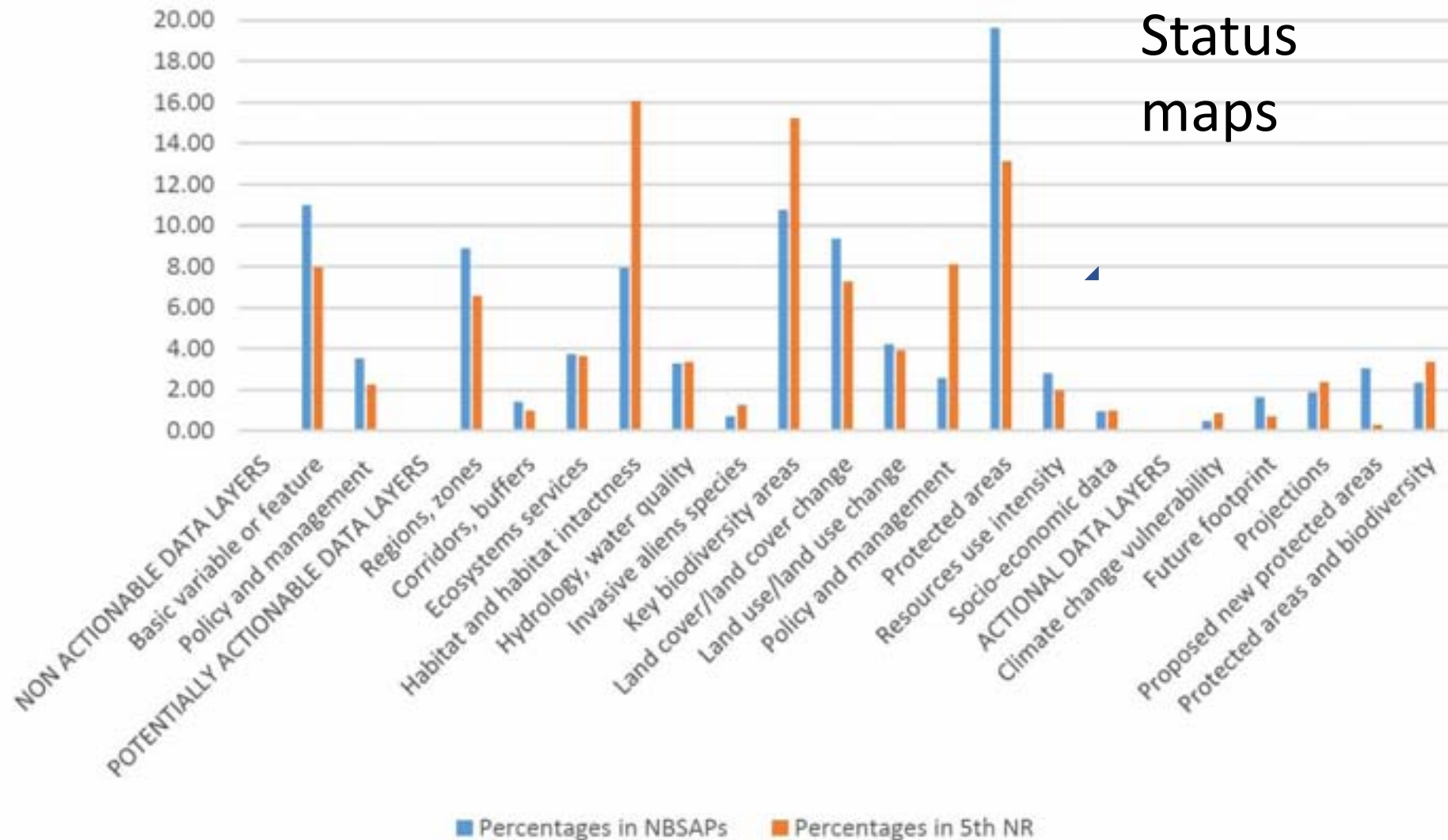
Number of Maps within post-2010 NBSAPs
and 5th National Reports per Country

Most
countries



6 NATIONAL REPORTS: Key issues – spatial data

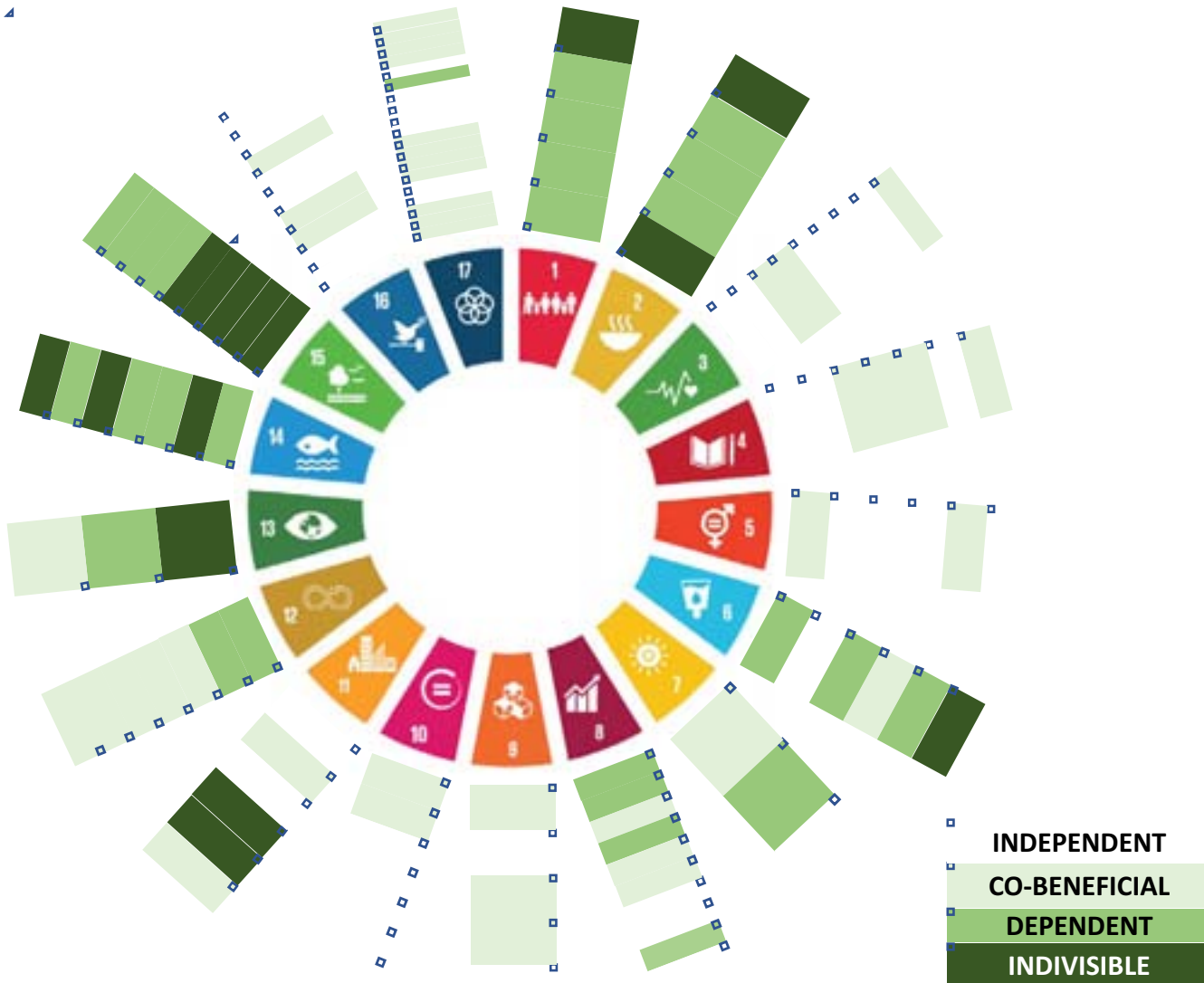
Percent of non-actionable, potentially actionable, and actionable data layers in NBSAPs and 5th National Reports



Status
maps

Actionable
maps

6 NATIONAL REPORTS: Key issues – spatial data



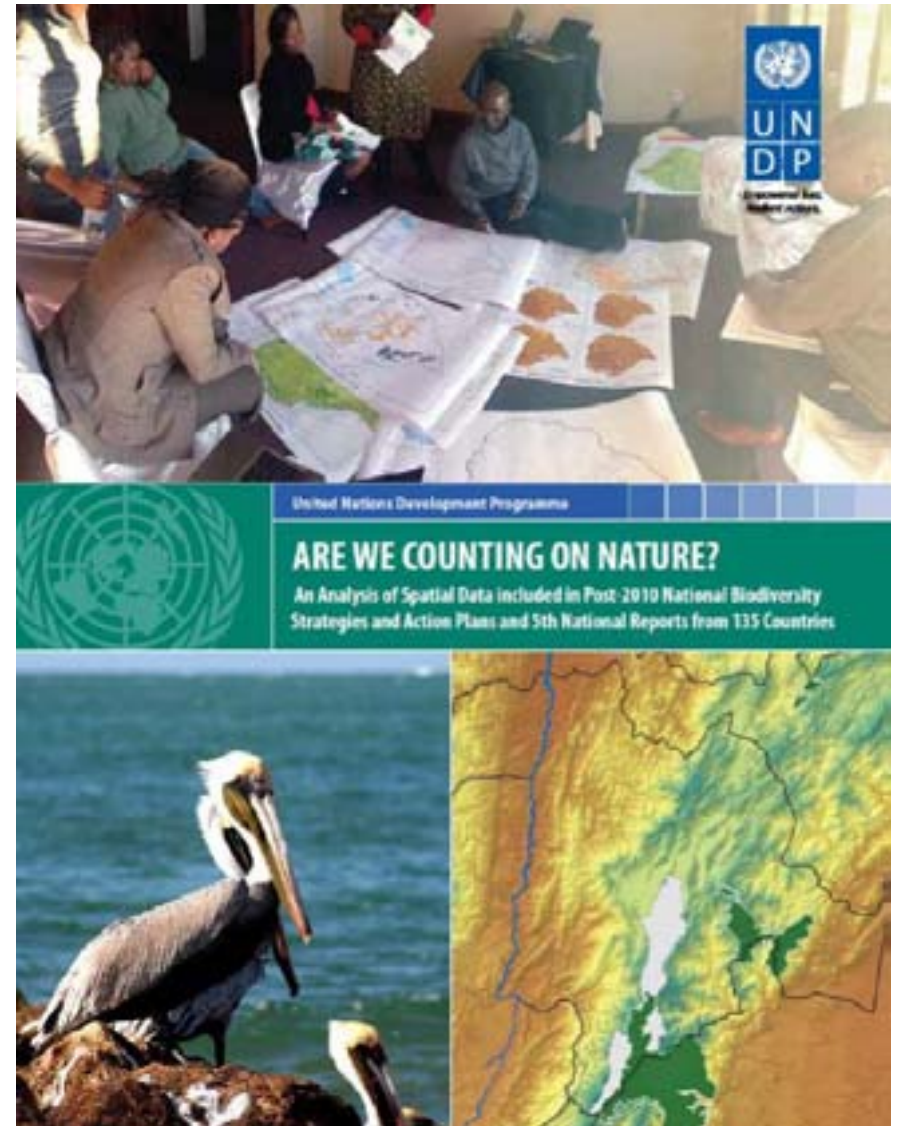
Value of Nature for SDGs

- Food security
- Water security
- Livelihoods and jobs
- Disaster risk reduction
- Health and medicine
- Renewable energy
- Climate

6 NATIONAL REPORTS: Key issues

KEY ISSUES WITH 5NR – Spatial planning

- Average # maps = <5
- Excluding 6 countries, @4
- 90 5NR had <4 maps
- 80% of all NRs had no actionable maps
- <3% of all maps focused on future
- 1% focused on socio/economic
- <4% focused on ecosystem services
- 0% addressed all Aichi Targets fully



SPATIAL DATA

“Where”
matters!

PROTECTED AREAS



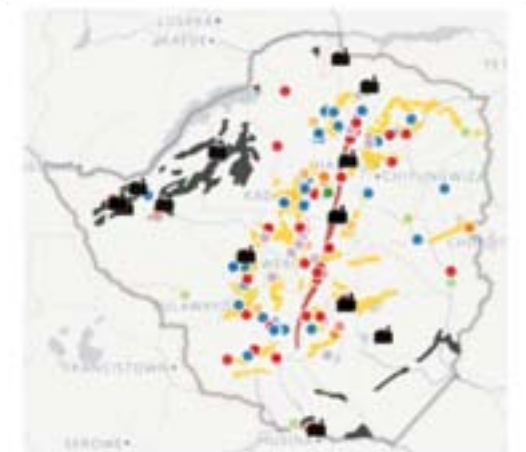
THREATS: A = FIRE; B = POACHING; C = INVASIVE ALIEN SPECIES; D = WETLAND DEGRADATION



KEY BIODIVERSITY AREAS



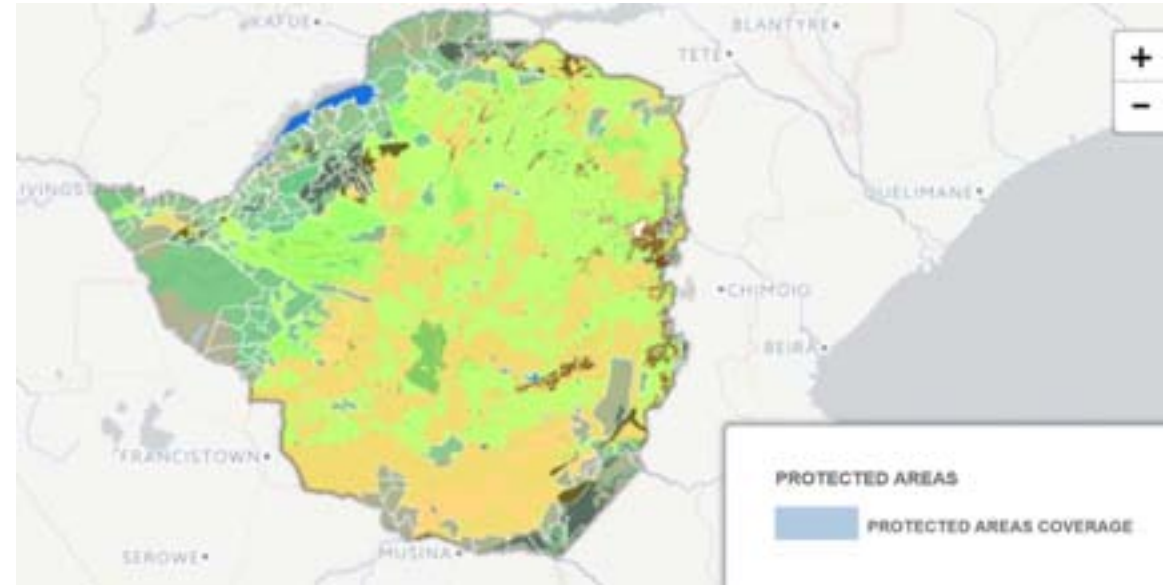
MINING DEPOSITS (SHAPES), MINING OPERATIONS (DOTS) MINES IN PROTECTED AREAS (BUILDINGS)



SPATIAL DATA

SPATIAL DATA PORTAL

- We built a [demo tool](#) for adding 60+ data layers relevant to biodiversity
- We have a partnership with multiple data providers
- We have funds to globalize the tool
- No GIS is required
- Allows national users to add data sets and download relevant analyses



Exercise

PROTECTED AREAS



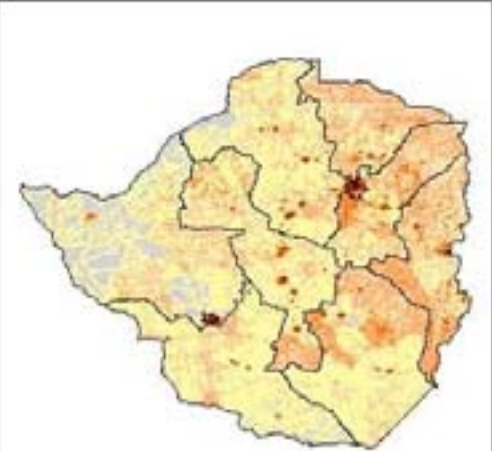
THREATS: A = FIRE; B = POACHING; C – INVASIVE ALIEN SPECIES; D = WETLAND DEGRADATION



WATERSHEDS CRITICAL FOR WATER SECURITY FOR THE CAPITAL CITY



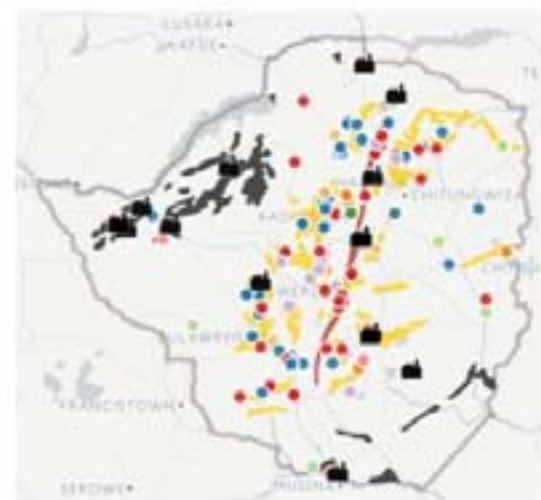
POPULATION DENSITY



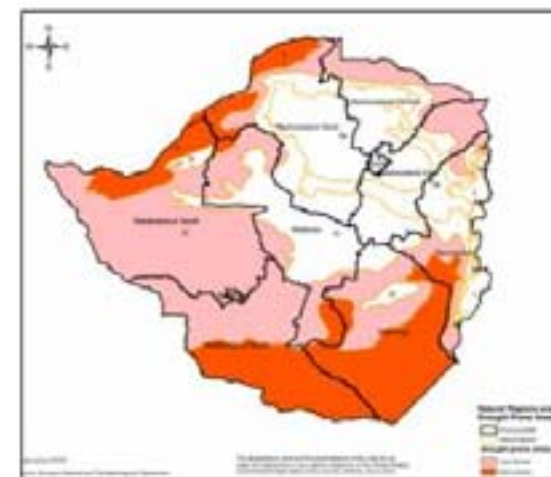
KEY BIODIVERSITY AREAS



MINING DEPOSITS (SHAPES), MINING OPERATIONS (DOTS) MINES IN PROTECTED AREAS (BUILDINGS)



DROUGHT: AREAS PRONE TO DROUGHT



FOOD INSECURITY (DARKER = MORE FOOD SCARCITY)



Exercise

Where would you make changes to protected area coverage and/or management effectiveness? Why?

-



ESSENTIAL QUESTIONS FOR 6NR, ABTS, SDGS

- Where to take biodiversity action to reduce poverty?
- Where is management exceeding safe ecological limits?
- Where are highest rates of loss?
- Where is sustainable ag, forestry and aquaculture most important?
- Where is pollution worst?
- Where are invasive alien species concentrated?
- Where are areas of coral reef and other ecosystems most vulnerable?
- Where are most important opportunities for protected areas?
- Where are opportunities to avoid extinctions?
- Where are most important opportunities for ecosystem services?
- Where are most important opportunities for climate action?

Exercise

Instructions: identify the most important spatial data layers required to answer the key questions

Key questions related to the Aichi Biodiversity Targets for which geospatial data are critical, and their relationship to the Sustainable Development Goals and Targets	What are the 3 - 4 most important spatial data layers required to answer these questions?
1. Where are the most important opportunities for managing biodiversity to reduce poverty ? (Aichi Biodiversity Target 2; SDG 1.1; 1.2; 1.5)	1) 2) 3) 4)