

Mapping Nature for People and Planet

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Enrique Paniagua

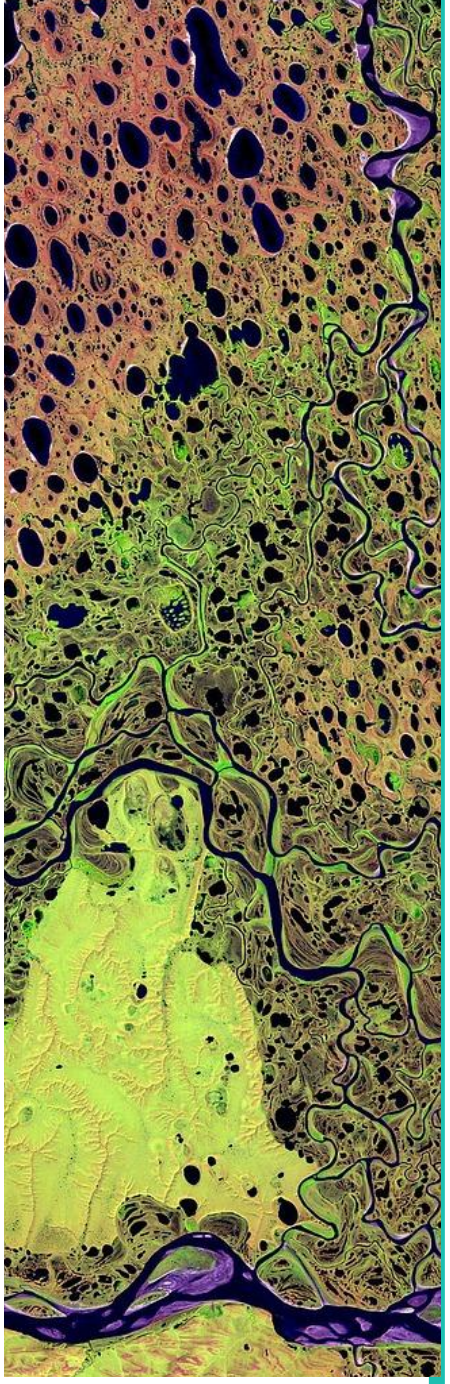
Climate Adaptation Planning Specialist at the Ministry of Environment of Costa Rica. He is currently leading the creation of the National Adaptation Plan, and he is the link between this Plan and ELSA project on climate adaptation. In the past, he led the climate adaptation efforts of the NDC 2020 of Costa Rica



Cornelia Miller

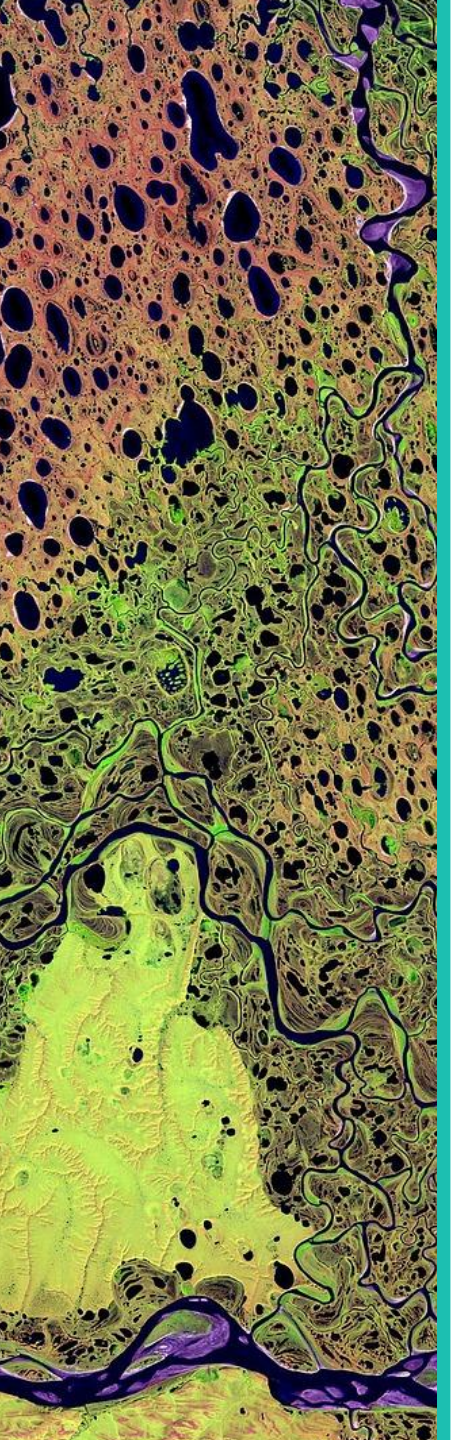
Director of PRIAS Lab, a leading geomatic lab in Costa Rica. She has more than 25 years of experience in geomatics focusing in Earth Observations. As a STEAM woman leader, she has guided PRIAS to become an institute that offers technica-scientific solutions to national problems.





What is ELSA project?

- UNDP project since 2019. MINAE and PRIAS as national partners.
- ELSAs: Essential Life Support Areas.
- Areas that, if conserved, restored and sustainably managed, can offer benefits related to food security, water security, climate change, etc.
- Mapping ELSAs to promote science-based policies and decision-making
- Take nature out of the “conservation silo”

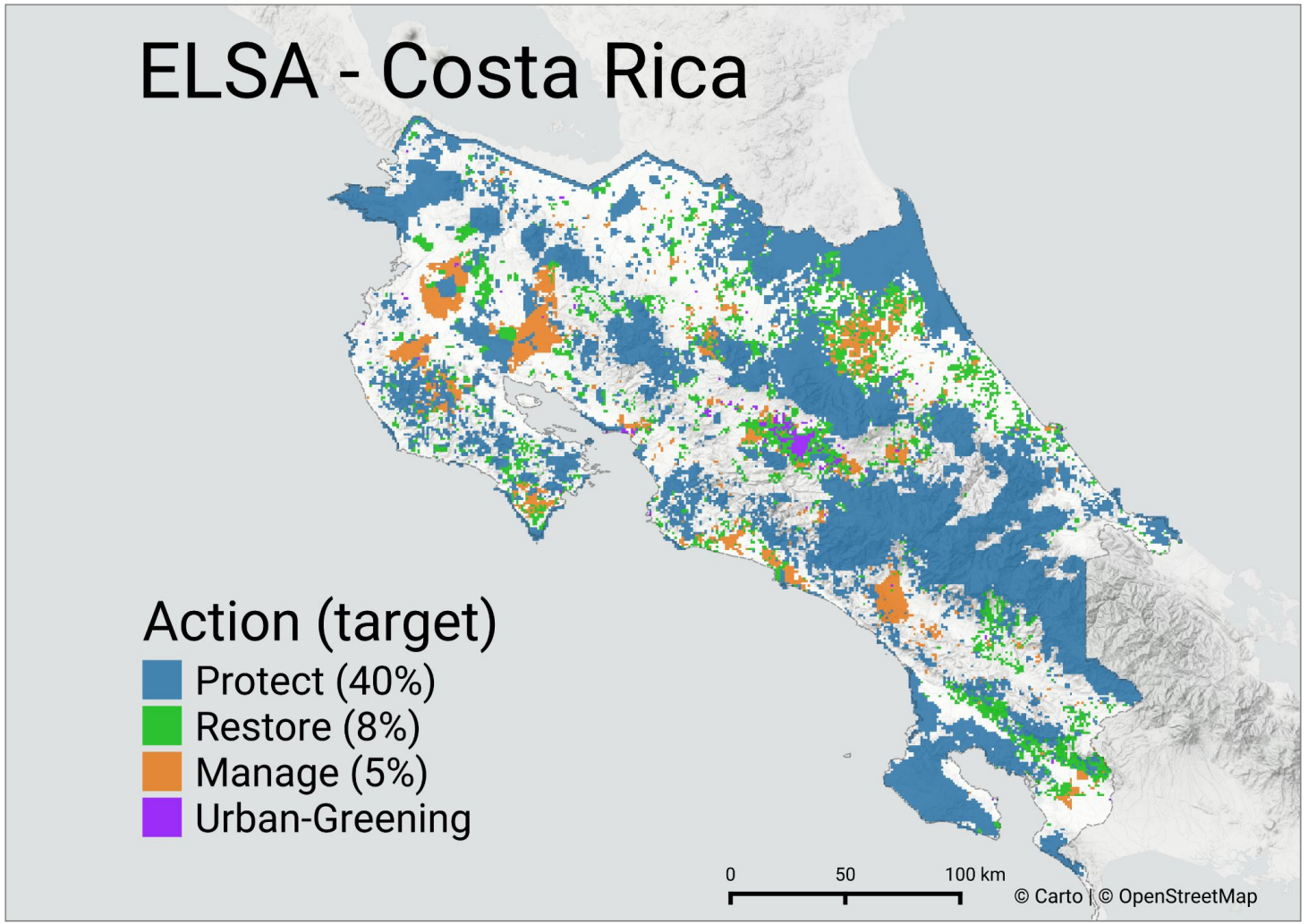


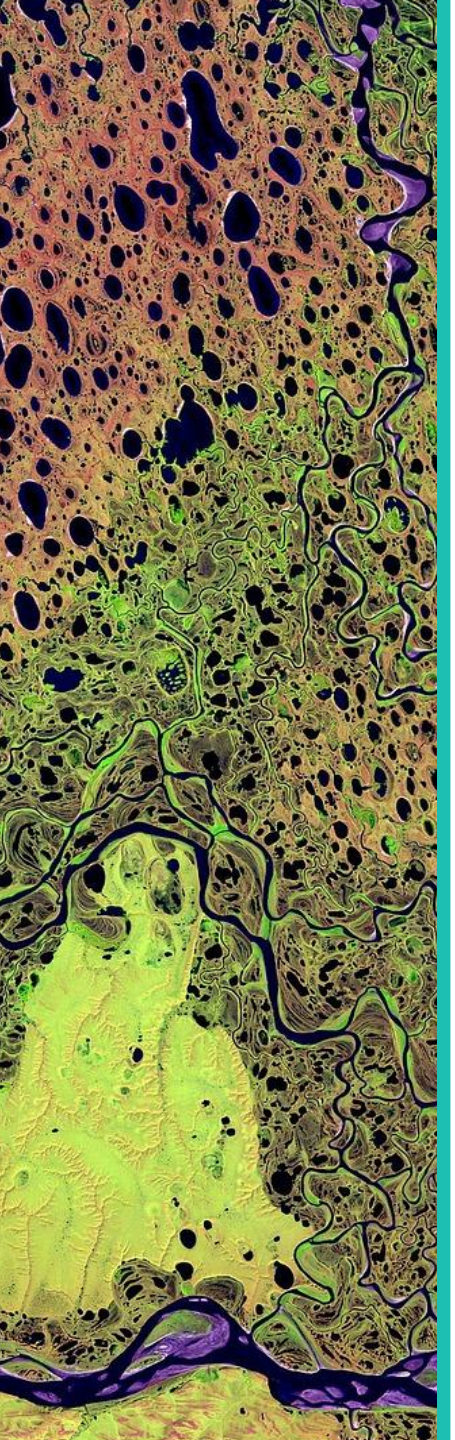
Main Steps

- Identify national priorities
- Collect related data sources
- Combine the data layers with the policy priorities
- Produce ELSA maps

ELSA Map

2nd iretation

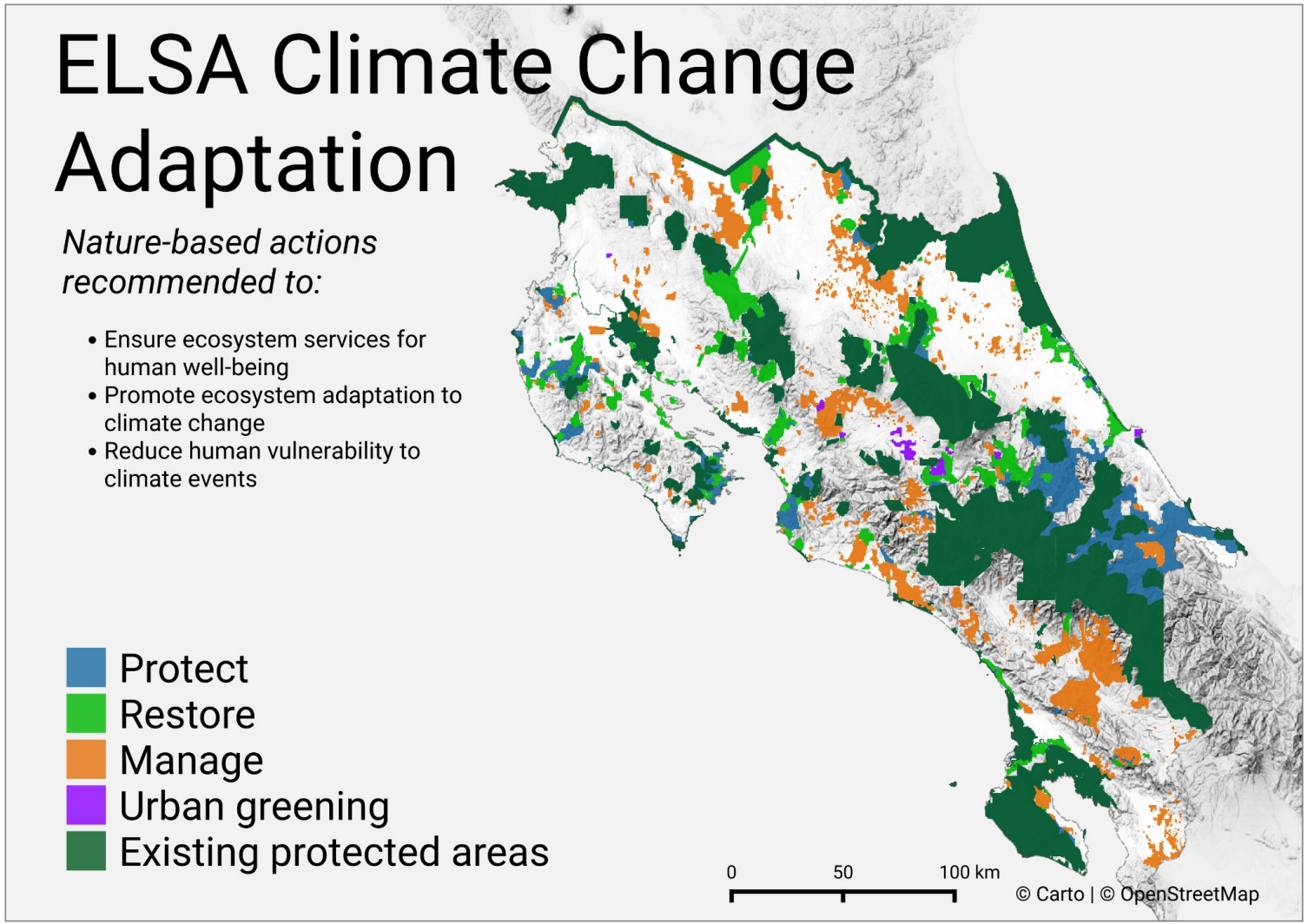




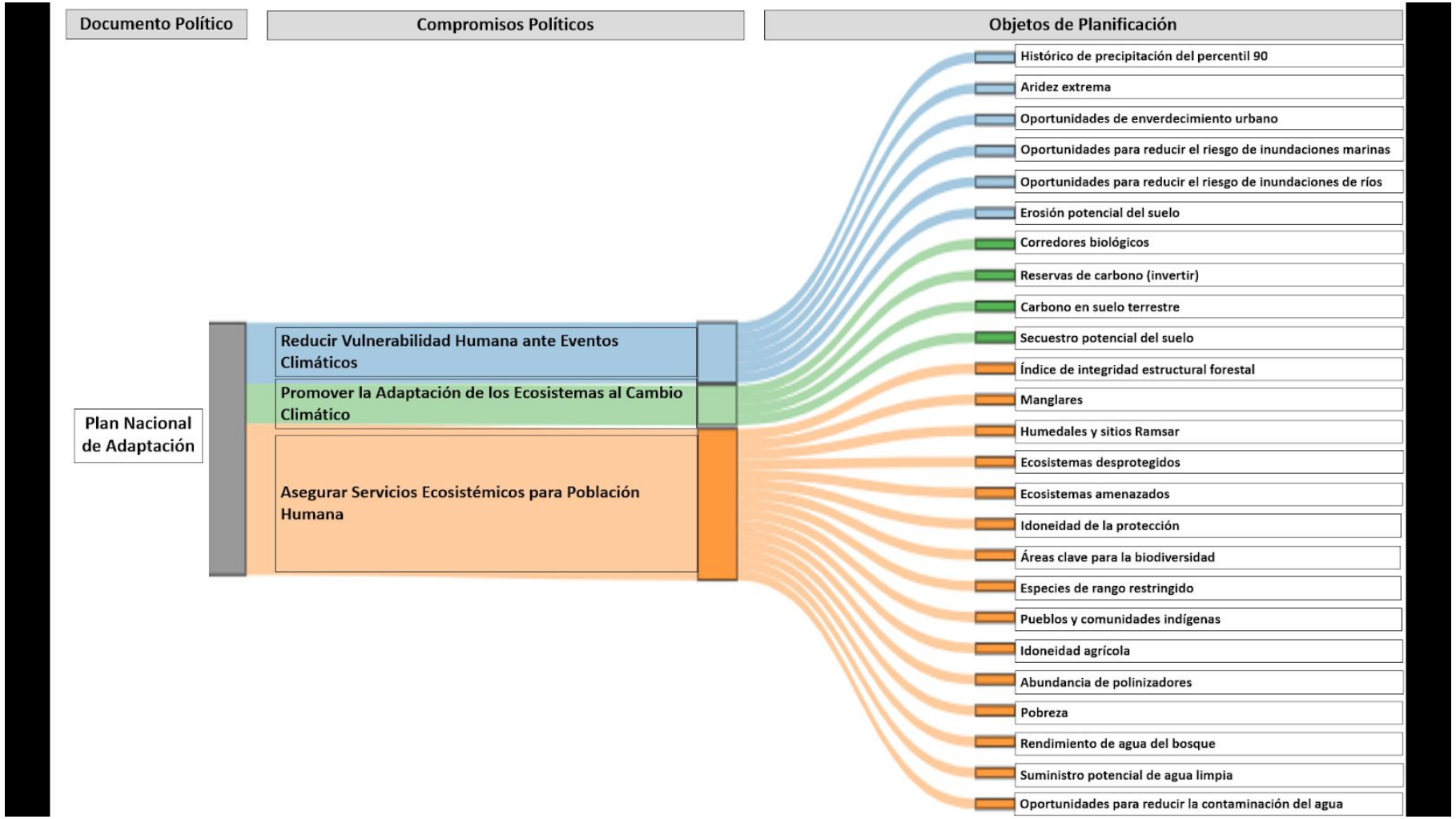
Emerging synergies

- Marine ELSA
- Strategic Environmental Evaluation
- Payment for Ecosystem Services Scheme
- National Strategy for Landscape Restoration
- State of the Environment Report
- Climate Adaptation National Plan (NAP)

ELSA - Climate Adaptation



Policy priorities & Data layers



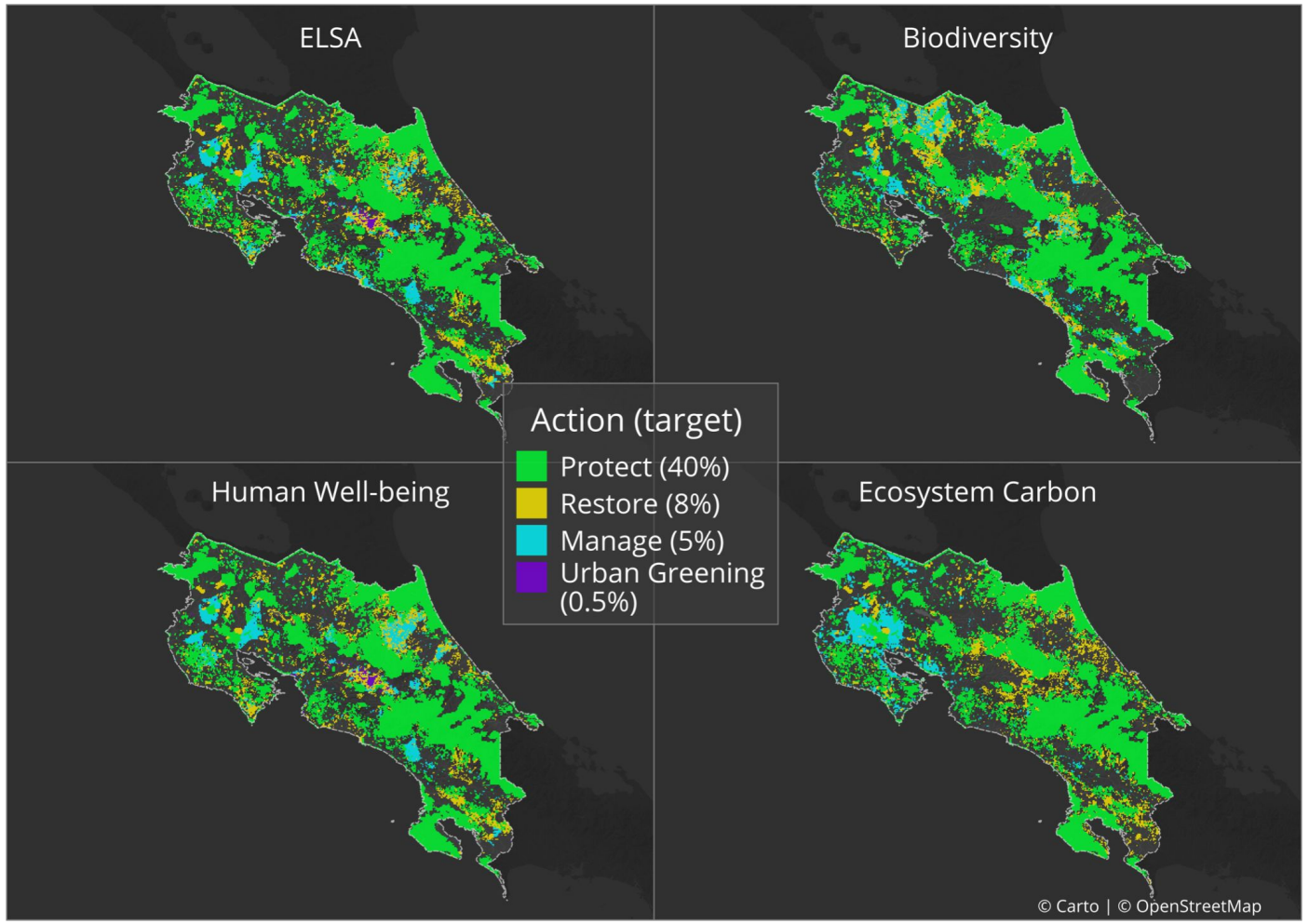
ELSA Map – 2nd Iteration

Data used for this project:

- GEOBON/Stanford University

- International layers

- National layers



Two groups

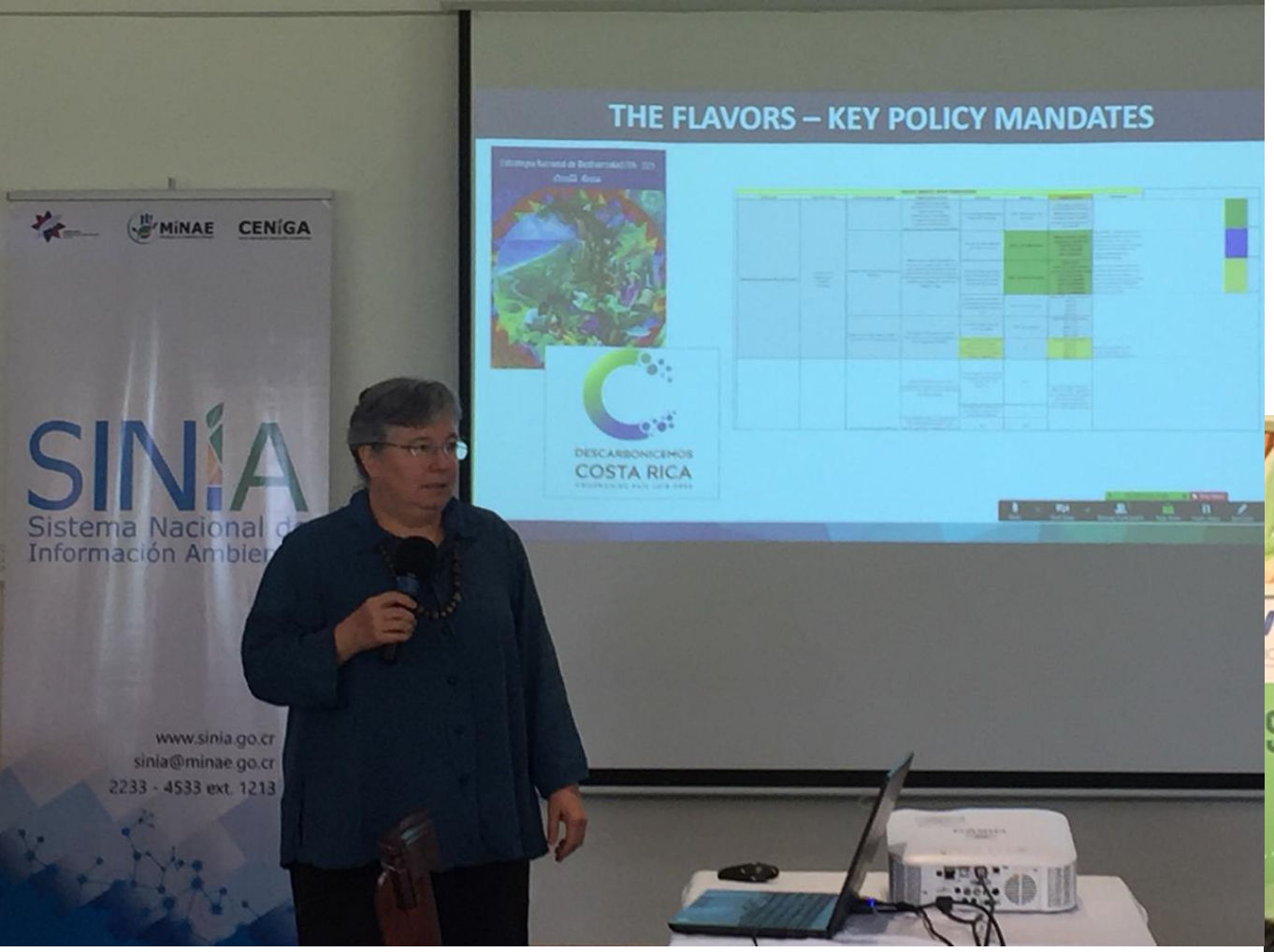
Features

- Reduce human vulnerability to climate events
- Promote ecosystems adaptation to climate change
- Secure ecosystem services for human population

Zones

- Actions to execute
- Blocking options

CONARE CeNAT PRIAS


THE FLAVORS – KEY POLICY MANDATES
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COOKING THE BIG COSTA RICAN ENCHILADA
COCINANDO LA GRAN ENCHILADA COSTARRICENCE
PRIAS
SINIA

Thank You!

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