

Global adaptation needs Local knowledge: what Lima needs next?



MUNICIPAL ADAPTATION MEASURES TO CLIMATE CHANGE

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Peru: Climate Governance

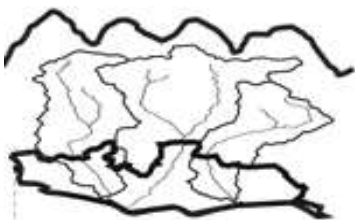
- Climate Change Law of Peru, Law No. 30754
- Environmental Ministry (MINAM) leads and coordinates
 - CC National Plan and CC National Strategy (approved both)*
 - National CC Commission (multi-actor)*
- NDC implementation plan: Permanent High Level Group
- NAMAS by strategic sectors
- Regional Governments: Regional Climate Change Strategies (majority already approved)
- Municipalities: adaptation and mitigation measures as part of Regional CC strategies
 - Introducing CC measures into their Plans (Development Plan, Territorial Plans, Investment Plans)*
 - Environmental Commission and CC Working Group*
- EIAs for any public and private investments with CC considerations

TERRITORIAL SCALES

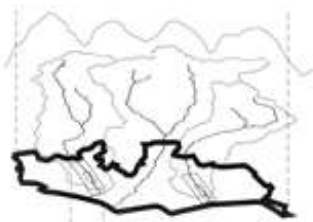
GOVERNMENT MULTI-SECTORS

GOVERNMENTAL LEVELS

REGIONAL
(MACRO)
SCALE



METRO-
POLITAN
(WHOLE
CITY)
SCALE



DISTRICT
(MESO)
SCALE



NATIONAL CC PLAN
AND STRATEGY
NDCS & NAMAS

REGIONAL
STRATEGIES
LIMA (MML),
GORE CALLAO
AND GORE LIMA

PROVINCIAL
MUNICIPALITIES
LIMA AND
CALLAO

52 DISTRICT
MUNICIPALITIES

LIMA

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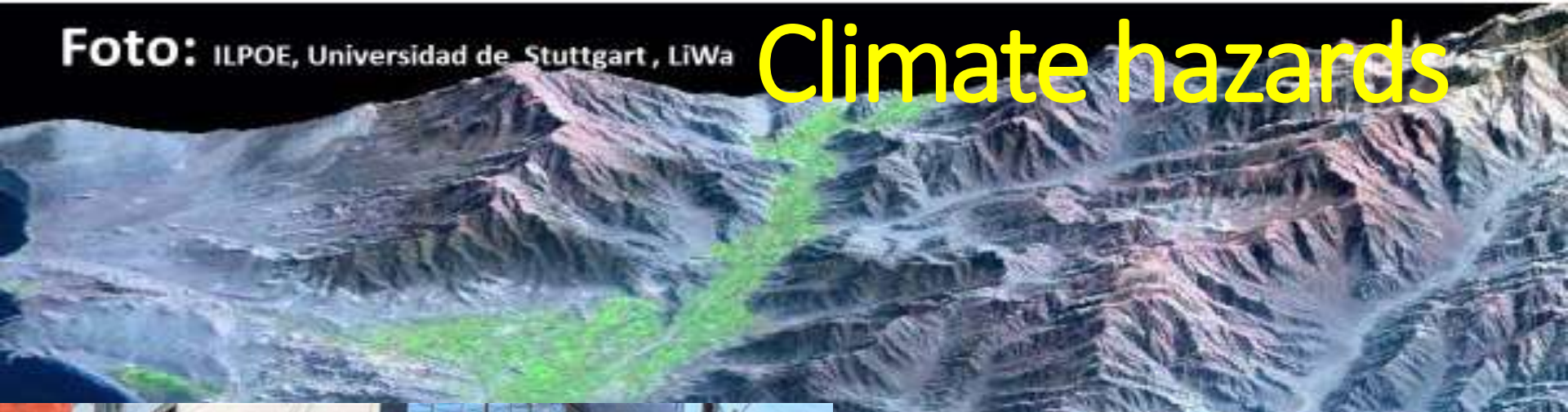
200 km

100 mi



Foto: ILPOE, Universidad de Stuttgart, LiWa

Climate hazards





Climate Change Strategy of Lima

 **Municipalidad Metropolitana de Lima**

Multi actor CC working Group

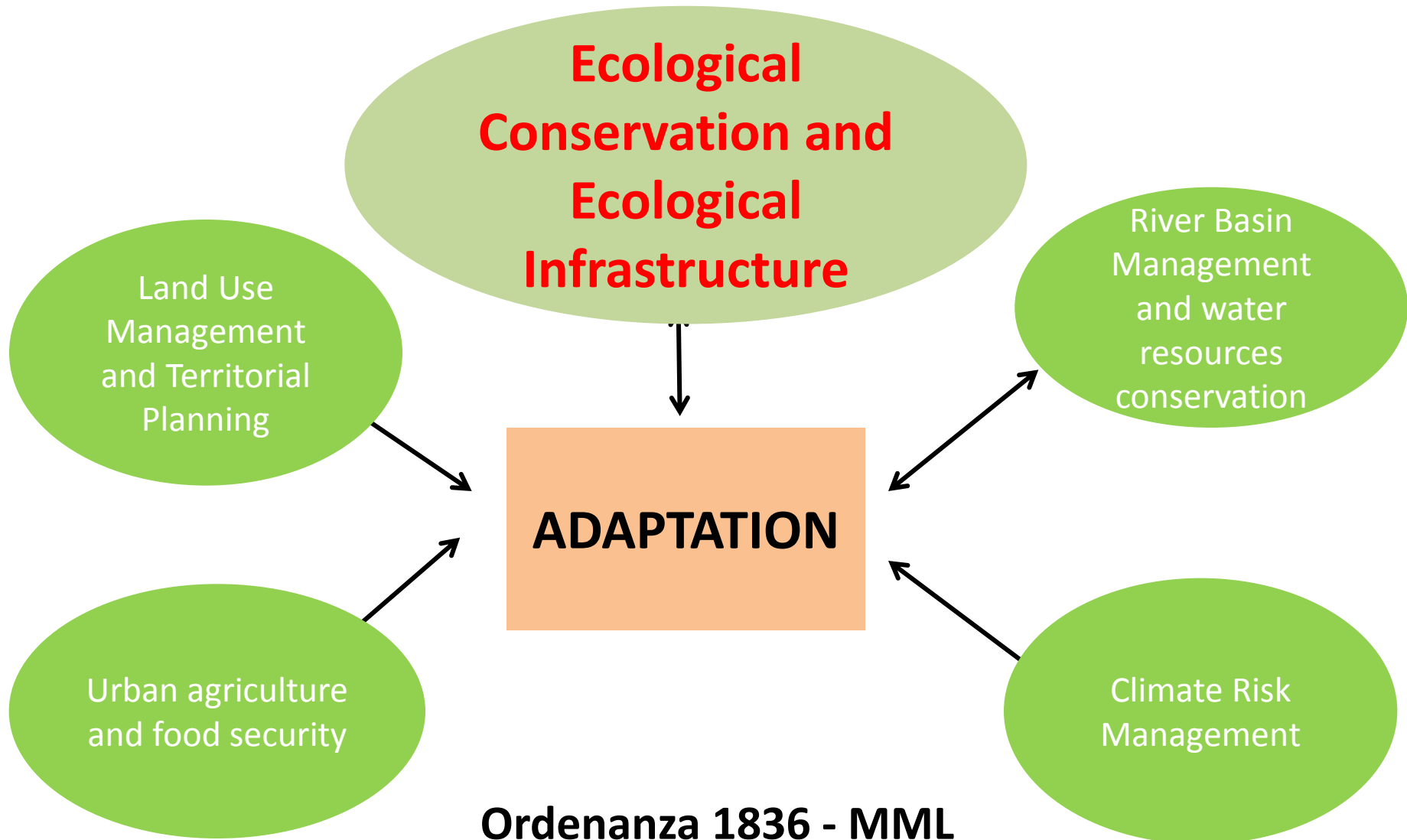
C.LIMA

**ESTRATEGIA DE
ADAPTACIÓN Y ACCIONES
DE MITIGACIÓN DE LA PROVINCIA
DE LIMA AL CAMBIO CLIMÁTICO**





Lima's Climate Change Strategy



Ordenanza 1836 - MML

Lima Municipalities that successfully prepare their “Municipal adaptation measures to climate change”





Challenges ahead

- To **lead adaptation process** coordinating national, regional and local measures
- To **coordinate** participation spaces on Civil Defence, river basin management and urban land use with CC
- Political incidence to **guarantee water provision** (to reduce consumption, water ecoefficiency and to reduce inequalities)
- To guarantee **health**, energy and other public services
 - **Control** epidemics and tropical diseases (eg. dengue, malaria, cholera)
- To **reduce vulnerable areas**, build up drainage, improve infrastructure, roads, bridges and basic services
- **Land use control and zoning** forbidding occupation of high risk

Bibliografy

Miranda Sara, L., Pfeffer, K., & Baud, I. S. A. (2016). Unfolding urban geographies of water-related vulnerability and inequalities; recognizing risks in knowledge building in Lima, Peru. In A. Allen, S. Bell, P. Hofman, & T. The (Eds.), Urban water trajectories. Springer

Miranda, L, Jameson, S, Pfeffer, K y Baud, I (2016). Risk perception: The social construction of spatial knowledge around climate change related scenarios in Lima, Habitat International (2016), <http://dx.doi.org/10.1016/j.habitatint.2015.12.025>

Muchas gracias!

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Questions?

