

CABO ROJO-PEDERNALES

AS A CATALYST FOR LOCAL DEVELOPMENT

LEVERAGING ECOSYSTEM RESILIENCE WITHIN A REGION OF EXCEPTIONAL BIODIVERSITY

DOMINICAN REPUBLIC



Source: Ministry of Tourism, DR
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TERRITORIAL PROFILE

THE ENRIQUILLO REGION

404,000

Habitants

40%

Poverty Population Percentage

12

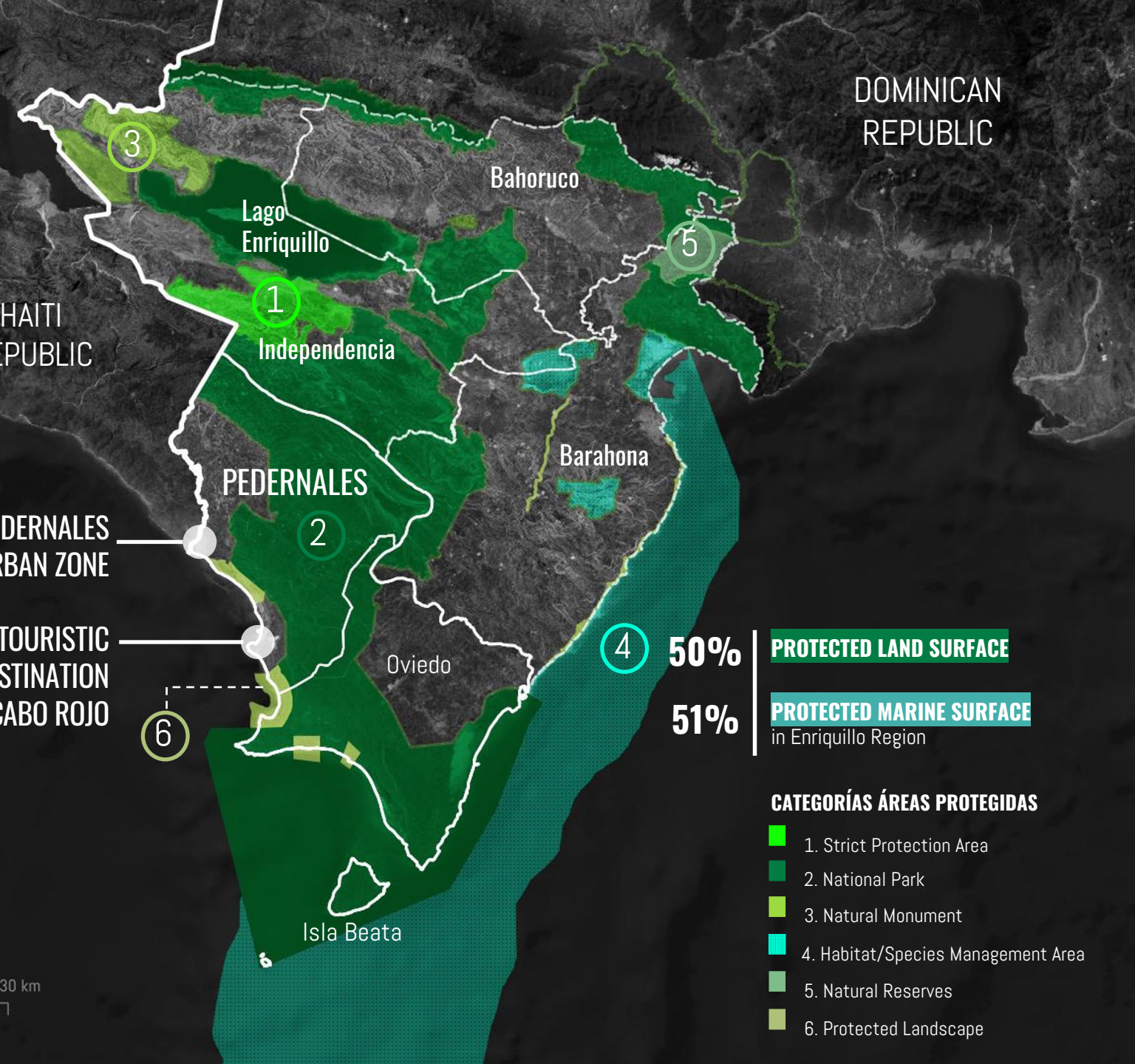
Current Public Investments Projects



Source: Ministry of Tourism, DR

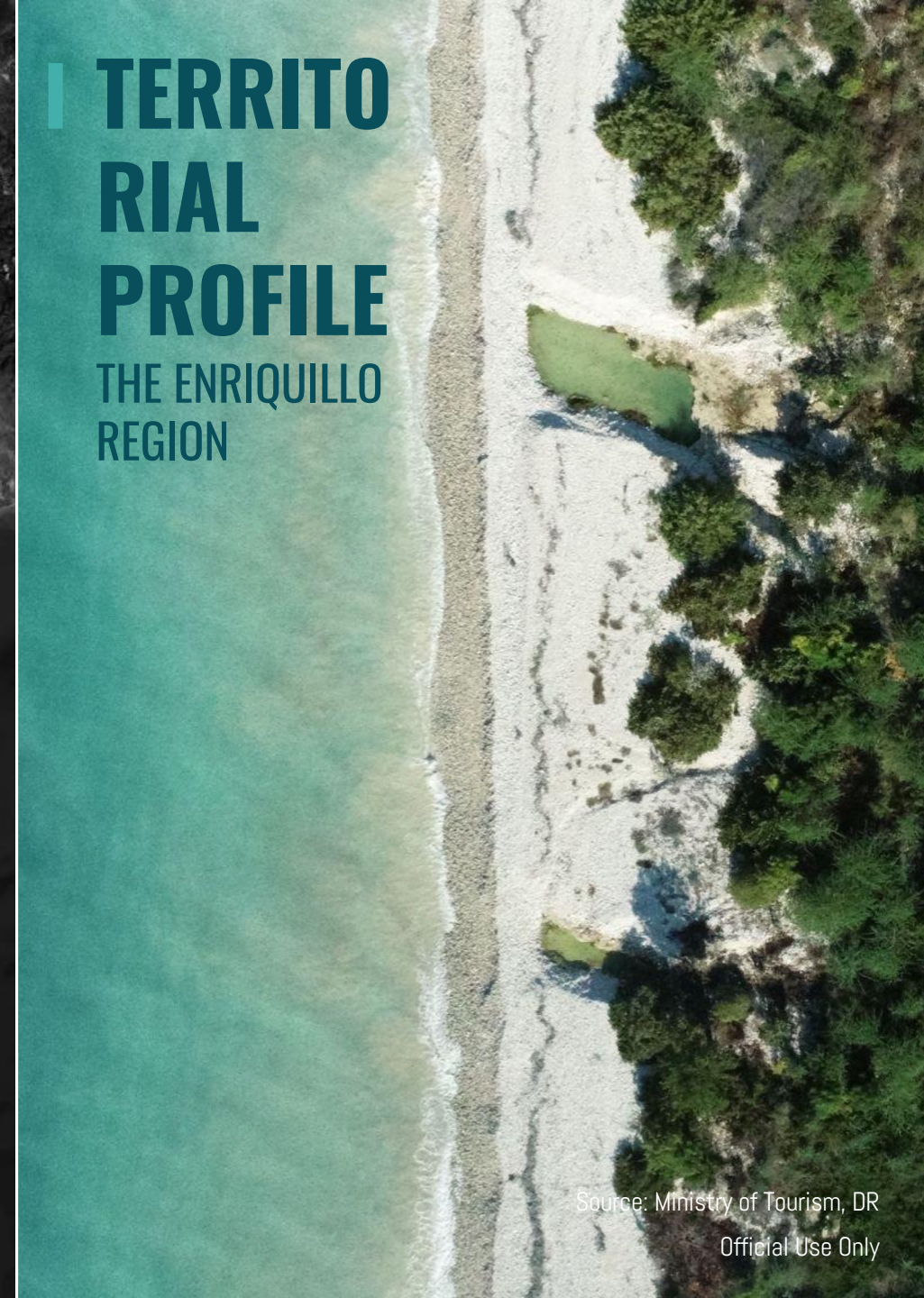
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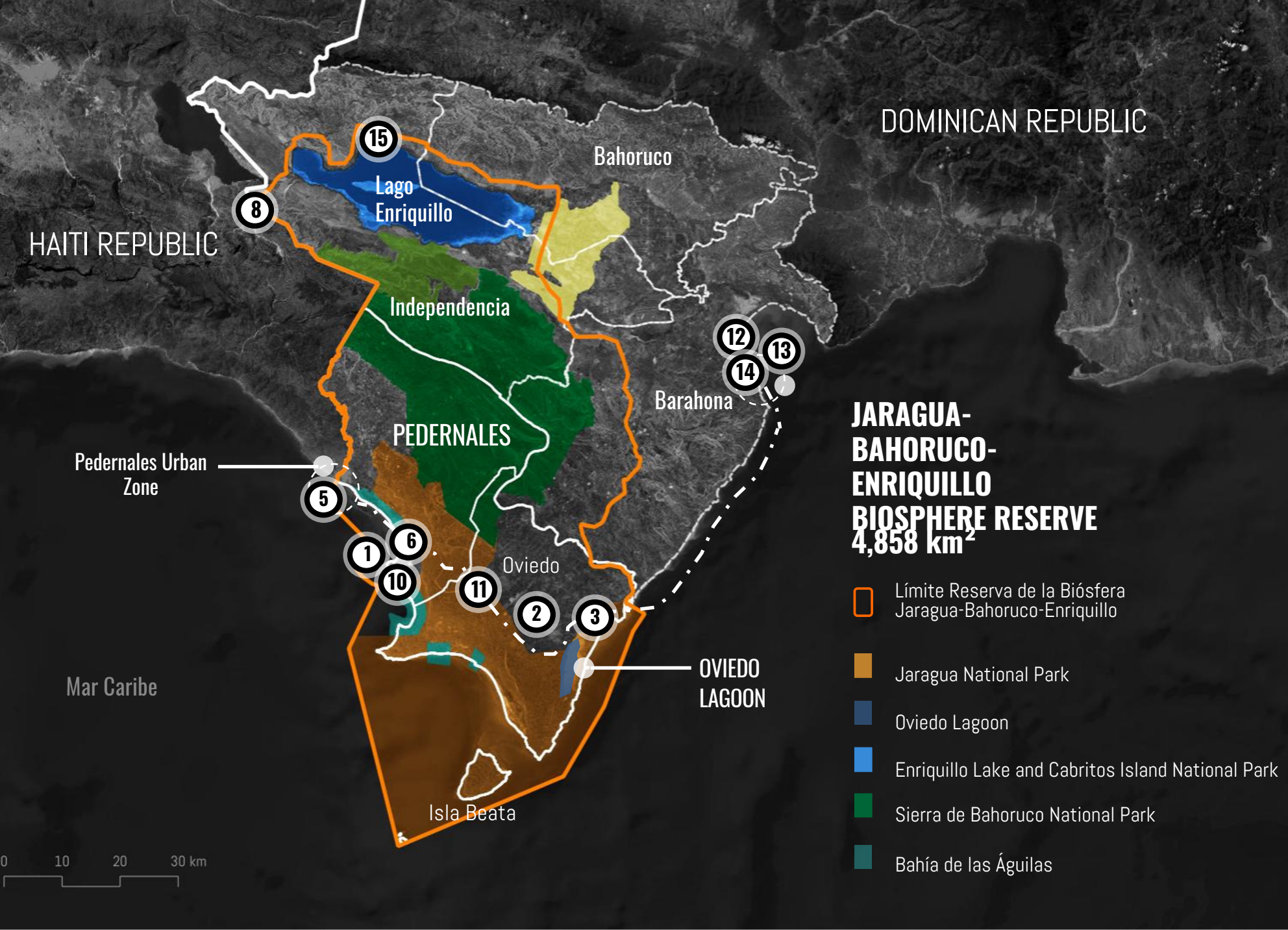


TERRITORIAL PROFILE

THE ENRIQUILLO REGION



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First UNESCO Transboundary Biodiversity Reserve

Enriquillo Lake: Lowest point in the caribbean (-44 m).

Baoruco Mountain: Main water production and biodiversity area of the region (2,400 masl).

Jaragua dry forest: Best preserved dry forest and coral reefs in the country.

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CABO ROJO INVESTMENT

THE ENRIQUILLO REGION

Pedernales Urban Area
20,595 inhabitants
(ONE 2022)

CABO ROJO Cruise Port
32,000 cruise passengers
Investment: US\$98 M

Cabo Rojo Touristic Complex
12,000 hotel rooms
Investment: US\$3,000 M

Mar Caribe

PRIVATE SECTOR INVESTMENT

The cruise port in operation and the new hotels will bring tourists.

PUBLIC SECTOR INVESTMENT

Enhances and consolidates public services (water, waste management, energy, roads), Pedernales new coastline (green corridor), along with the international airport.

80%

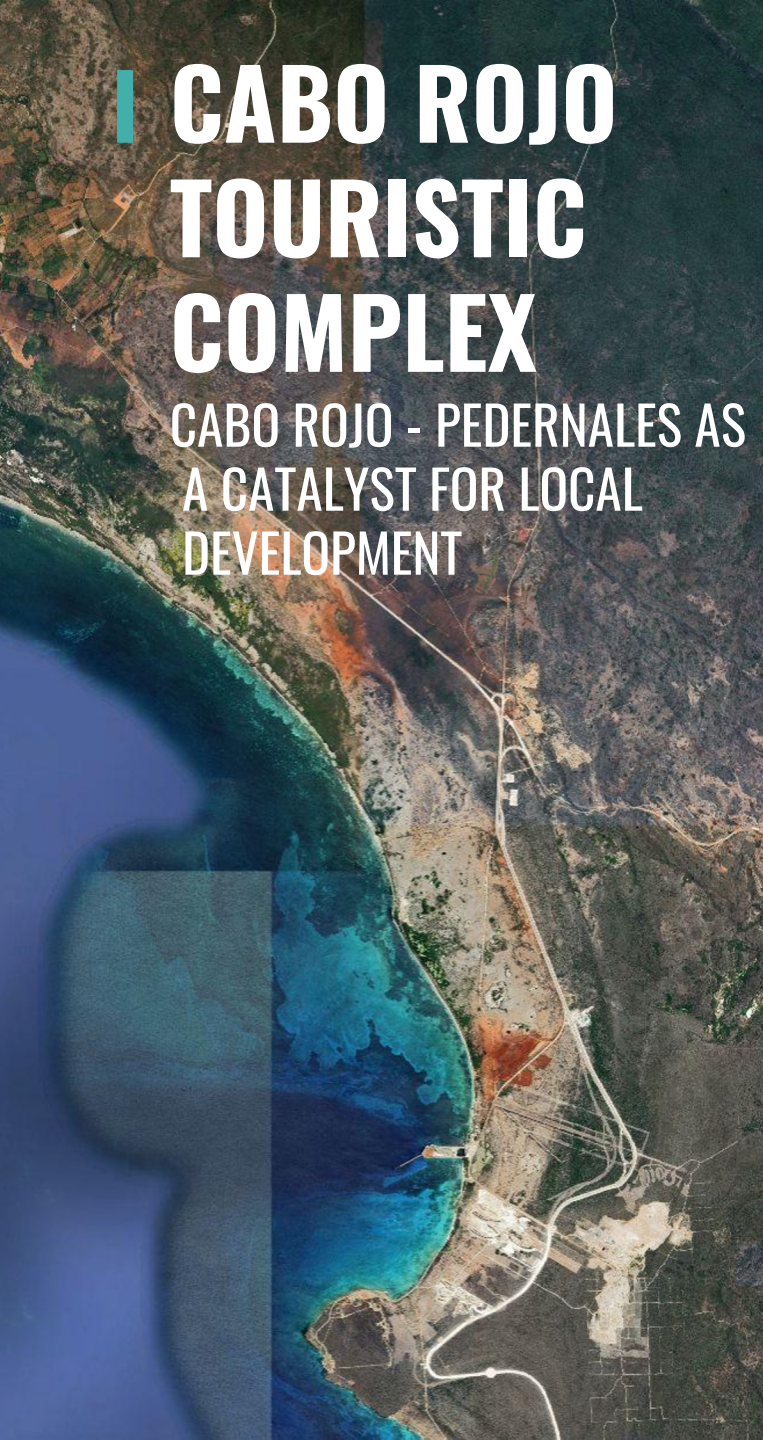
of municipality land are protected areas

1. Jaragua National Park
2. Sierra de Bahoruco National Park
3. Recreation National Area
4. RAMSAR Sites

0 5 10 km

CABO ROJO TOURISTIC COMPLEX

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DEVELOPMENT



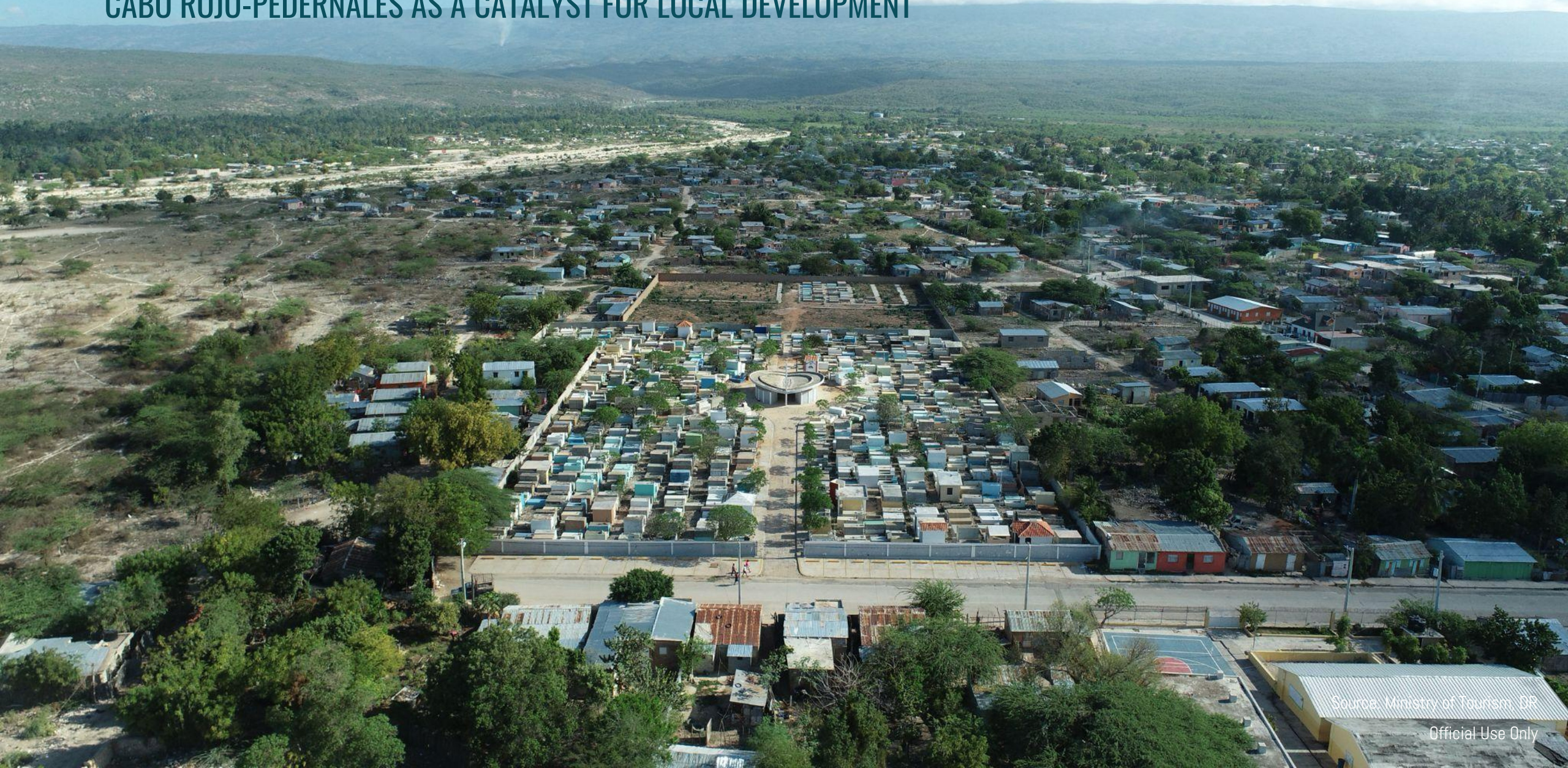
Source: ARQA



Source: Ministry of Tourism, DR
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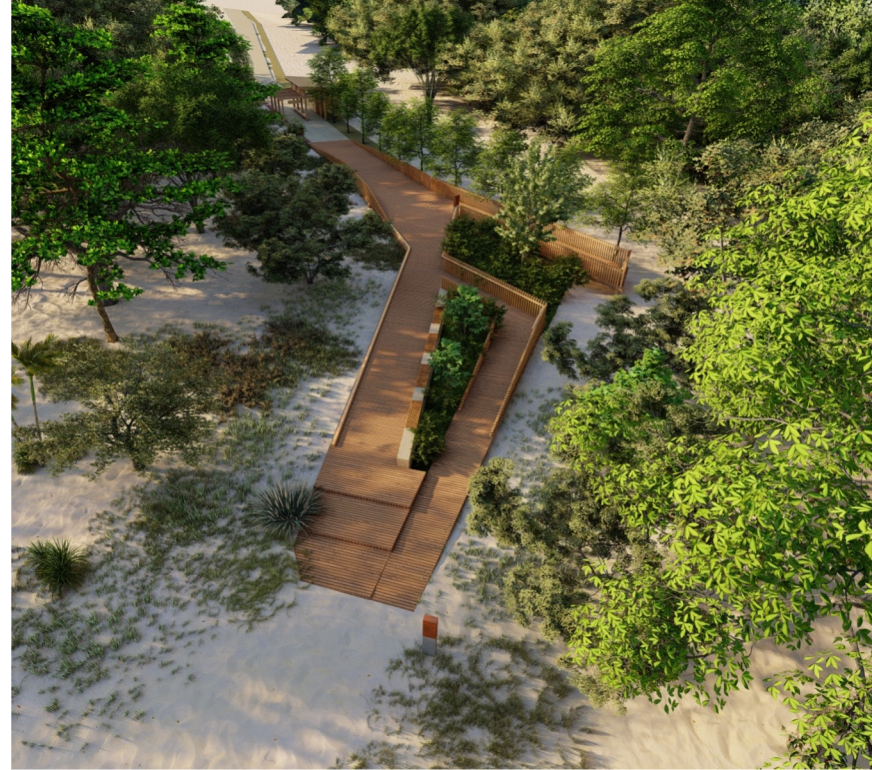
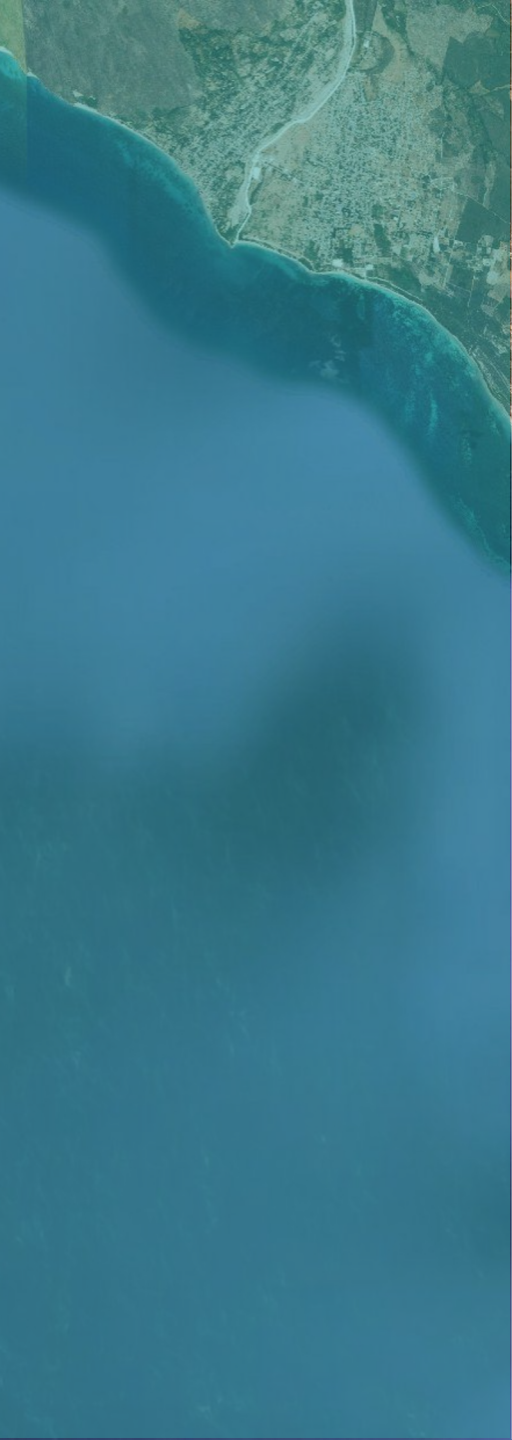
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Source: Ministry of Tourism DR

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PEDERNALES WATERFRONT

CABO ROJO - PEDERNALES AS A CATALYST FOR LOCAL DEVELOPMENT

Source: Ministry of Tourism, DR
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KEY CHALLENGES AND OPPORTUNITIES

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KEY OPPORTUNITIES

Natural and cultural destinations in the region: Provide a diverse touristic offer for different types of audiences.

Developing a GI network ensures connection with the city and aims to plan and control informal urban growth, building resilience and providing the conditions to bring tourists from the hotel complex, generating cash flow, local employment, and a well-preserved ecosystem (UNESCO Biosphere Reserve) that provides services.

CLIMATE RESILIENCE

BIODIVERSITY

LIVEABLE CITIES

URBAN INFORMAL GROWTH

TOURISTIC ECONOMICAL VALUE

KEY CHALLENGES AND OPPORTUNITIES

CABO ROJO-PEDERNALES AS A CATALYST FOR LOCAL DEVELOPMENT

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Connect visitors in a meaningful way with the surrounding ecosystem



Manage **carrying capacity** across the protected area network



Protect municipalities against **climate risks**



Contain and guide **urban growth** induced by tourism and airport investments



Anchor local economic activity in the **nature tourism** value chain



Manage the **environmental impacts of the Cabo Rojo International Airport on the Oviedo Lagoon** and its associated ecosystems.

CLIMATE RESILIENCE

BIODIVERSITY

LIVEABLE CITIES

URBAN INFORMAL GROWTH

TOURISTIC ECONOMICAL VALUE

KEY TAKEAWAY FROM THE ACADEMY

CABO ROJO-PEDERNALES AS A CATALYST FOR LOCAL DEVELOPMENT

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MULTISCALAR GI INFRASTRUCTURE

Applying a multiscalar planned (GI) network that connects, through different circuits using local guides, the hotel complex with all touristic attractions (the border market with Haiti, the ancient bauxite mining site, the old cement plant, beaches, cenotes, mangroves, wetlands, the Pedernales River, and the cloud forest of Baoruco Mountain), Pedernales city, and the Enriquillo Lake circuits.

OTHER CITIES EXPERIENCES

The experience of Cape town with community integration, the Curitiba's long-term green urban planning, the Singapore's fusion between city and ecosystem, Marrakesh's sustainable water reuse, Istanbul's destination promotion, Sumatra's flooding resilience, Seoul's revitalization of public spaces and Chengdu's green buffers zones, connectivity network, and scale planning (town, city, region).

FIRST FOR LOCALS, THEN FOR TOURISTS

Promoting conservation, people's comfort, enhancing resilience, and supporting diversified tourism that generates employment.

DATA THAT ADDS ECONOMICAL VALUE TO NATURE FOR DECISION MAKING

WHAT'S NEXT?

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Global
Platform for
Sustainable
Cities



global
environment
facility
INVESTING IN OUR PLANET



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KEY TAKEAWAY OF THE ACADEMY

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MULTIFUNCTIONALITY AS DESIGN PRINCIPLE

- 1 CLIMATE RESILIENCE
- 2 BIODIVERSITY
- 3 LIVEABLE CITIES
- 4 URBAN INFORMAL GROWTH
- 5 TOURISTIC ECONOMICAL VALUE

1 REGIONAL

Jaragua

Baoruco

Enriquillo

Biological corridors and forest restoration between protected areas. Urban green perimeters **controlling urban growth**.

2 RURAL

Oviedo

Airport

Buffer area between towns and natural parks. **Critical triangle** between town of Oviedo, airport development and Oviedo Lake

3 URBANA

Pedernales

Oviedo

Streets, parks, coastal lines and water drainage as integrated green infrastructure network (slow mobility).

PRIORITY ACTIONS

CABO ROJO AS A CATALYST FOR LOCAL DEVELOPMENT

1 Enhancement of governance coordination and linkage with local government

Develop a roadmap of actions to implement, identifying stakeholders from the public and private sectors. Prioritize interventions that can be initiated with existing regulatory and institutional instruments, generating visible results in the short term, along with local capacity building and support for small tourism businesses through the nature tourism value chain.

2 Prioritizing interventions

Water desalination for consumption; reuse and treatment for gardening/ coastal restoration and conservation with nature-based solutions (Coral reef conservation)/ revitalization of tourist amenities in the national parks (Jaragua, Baoruco, Enriquillo and Oviedo Lake).

3 Consolidation of a Green Corridor Pedernales-Oviedo

Connect the Pedernales urban coastline project with Cabo Rojo and rural areas including reforestation of the upper watershed, consolidation of agroforestry projects (coffee) in the middle watershed, and soil reserve (consolidation of urban park) in the lower watershed for flooding prevention in Pedernales town.

0-18 MESES

6-36 MESES

6-48 MESES

IMPLEMENTATION SUPPORT NEEDED

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1 Financing Structuring

Technical support to structure a visitor fee mechanism / tourist tax that channels revenues from the development of the Cabo Rojo hotel complex toward the maintenance of green infrastructure and community-based conservation entrepreneurship in Pedernales.

2 Green Infrastructure Network Design

Technical assistance for the integrated design of urban green infrastructure and touristic corridors in small Caribbean municipalities— adapting tools and methodologies developed in larger cities to the specific context of Pedernales (limited municipal capacity, small scale, high ecological sensitivity and social vulnerability and flooding risk). Including design and implementation of green urban containment perimeters, and regulatory instruments, ecological design, and governance mechanisms.

3 Airport–Wetland Interface

Specialized expertise in environmental management of the airport–wetland interface, including design of ecological buffer zones, development of a WHMP (Wildlife Hazard Management Plan) in accordance with ICAO guidelines, and compatibility between airport operations and conservation of Laguna de Oviedo.

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THANK YOU

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