



The Digital Observatory for Protected Areas (DOPA) and the BIOPAMA regional observatories

<http://dopa.jrc.ec.europa.eu>

<http://biopama.jrc.ec.europa.eu>

Grégoire DUBOIS (DOPA)

&

Stephen Peedell (BIOPAMA)



The Joint Research Centre (JRC) is the European Commission's in-house science service

Expertise: Providing the right **information** to the right people with the right **tools**

Objective 1: provide **decision makers** with means to **assess, monitor** and possibly **forecast the state of protected areas** to **prioritize** them according to biodiversity values and threats so as to **support decision making and fund allocation processes**.

Objective 2: provide the best available data and tools to **support national authorities** in their reporting tasks (e.g. **NBSAPs** for **CBD**, **GEF**, requests to EC).

Objective 3: provide **experts** (park managers, researchers, ...) with **analytical tools**

(Analytical tools of DOPA recognized in the CBD COP 11, Decision XI/24)

Technically: we are trying to access, process and redistribute essential information on a broad range of topics (species data, remote sensing, socio-economical indicators)

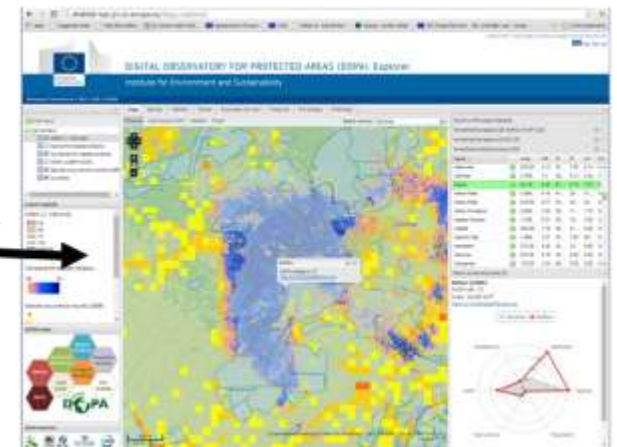
Protected Areas



Ecosystems



Species



Three steps approach to information systems for PAs

- 1) **Develop a compass** on protected areas: What do we think we know using comparable, objective, regional datasets? (TOP DOWN)
- 2) **Verify/validate our information** using local expertise (BOTTOM UP)
- 3) **Provide customised support** to end-users (funders & local actors) and improve decision making (THE BRIDGE)

Step 1: **DOPA**, the Digital Observatory for Protected Areas

- 1) Web based information system assessing all protected areas (≥ 100 km²): **16 000 marine and terrestrial protected areas**
- 2) **10 core indicators** allowing comparisons at country & ecoregion levels
- 3) **Global** information system on 1 km² grid (in English, French, Spanish & Portuguese)
- 4) **Modular architecture** and open source: web services free for reuse by third parts



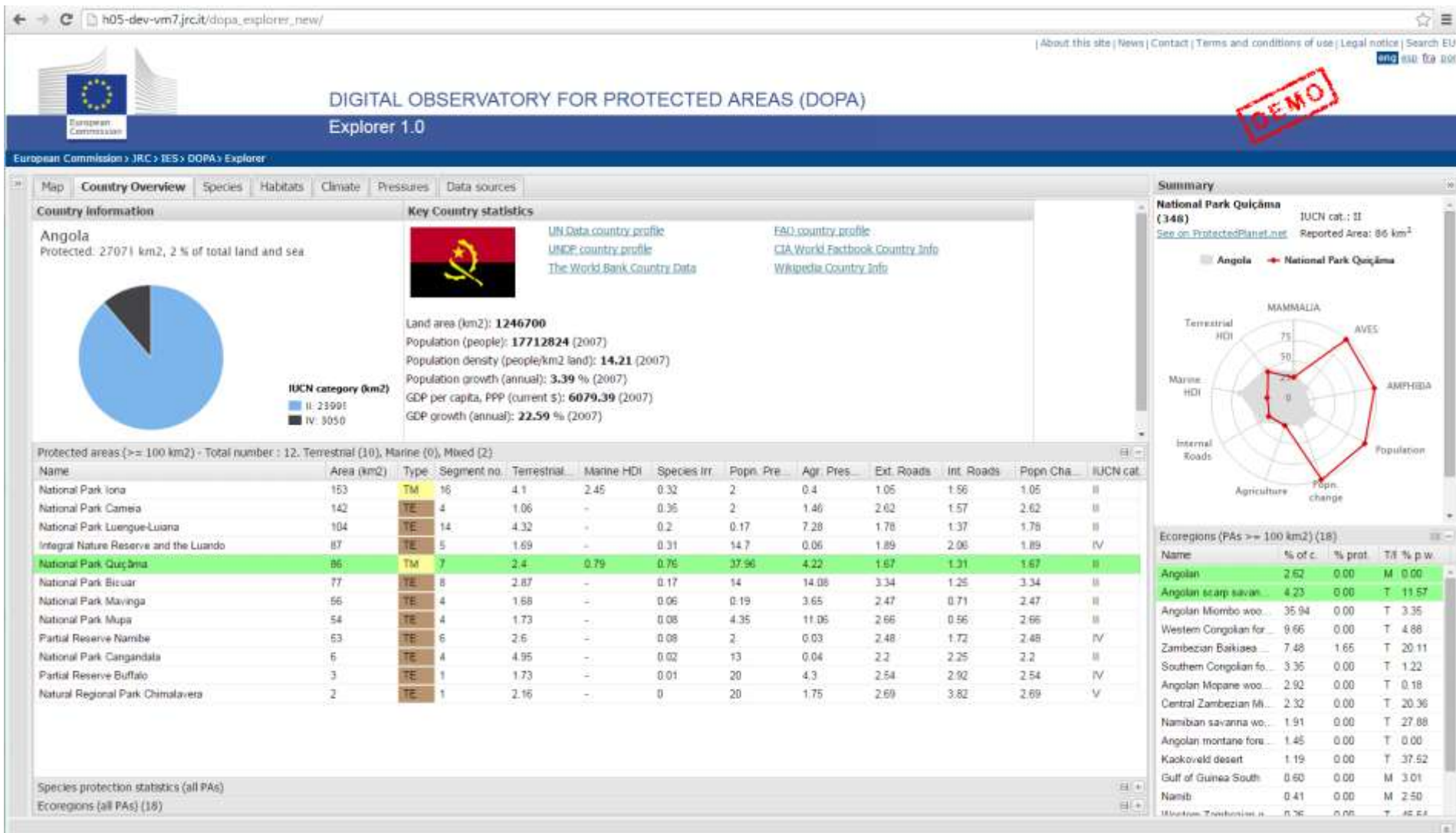
h05-dev-vm7.jrc.it/dopa_explorer_new/





DOPA Explorer 1.0 (Feb. 2015)

Park profiles (ranking at country & ecoregion level)



DIGITAL OBSERVATORY FOR PROTECTED AREAS (DOPA)

eConservation: Mapping biodiversity conservation projects

European Commission » JRC » EIB » DOPA » Home » Country Map

[Home](#) [Team](#) [About](#) [Data Submission](#)

Cameroon



Select a Country

Legend Feature Info Metadata & Download

Project volume by country (in million USD)

WFS Service download

SHP
XML
JSON

WMS Service download

KML
PNG

Projects: 24

Project Sites: 28

Donors: 16

Implementing Agencies: 21

Project Funding (EUR): 57 724 300

Project Funding (USD): 150 989 000

Total budget in million USD: 216

Total budget in million EUR: 191

Based on today's exchange rate of 0.6638



Project Name

Protected Area Name

Project Budget (USD)

Is greater than or equal to

Activity Status

Closed

Active

Advanced options

Apply

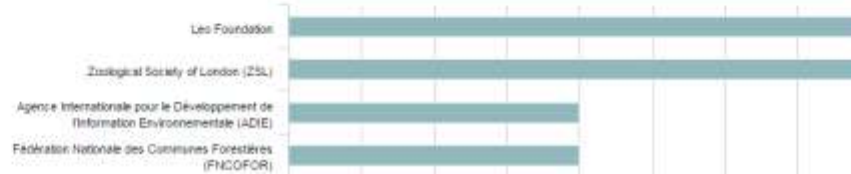
Reset

Project Budget **Implementing Agencies** Donors Categories Species Country profile Yearly Budget Timeline Indicators Protected Areas Ecoregions

Implementing Agency selection

Type the number of Projects and scroll the slider.

Number of Projects per Implementing Agency



Step 2: Ground truth & focus on regional/local information, the role of the BIOPAMA regional observatories in the ACP

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