



Emerging Uses of Strategic Environmental Assessment : SEA to Build a Sustainable Djibouti-ville

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Project Team



❖ **Keios** is an **Italian** independent consulting company established in 1984, providing planning, design and technical assistance services in the fields of **urban development**, cultural heritage and sustainable tourism.



❖ **LVR Consulting** is a **French** independent consulting company established in 2009, providing **environmental services** such as compliance and due diligence audits, environmental assessment (EIA and SEA) and training.

Master Plan of Djibouti-ville



- ❖ World Bank funding
- ❖ Beneficiary: Government of Djibouti - Djibouti Social Development Agency



Context:

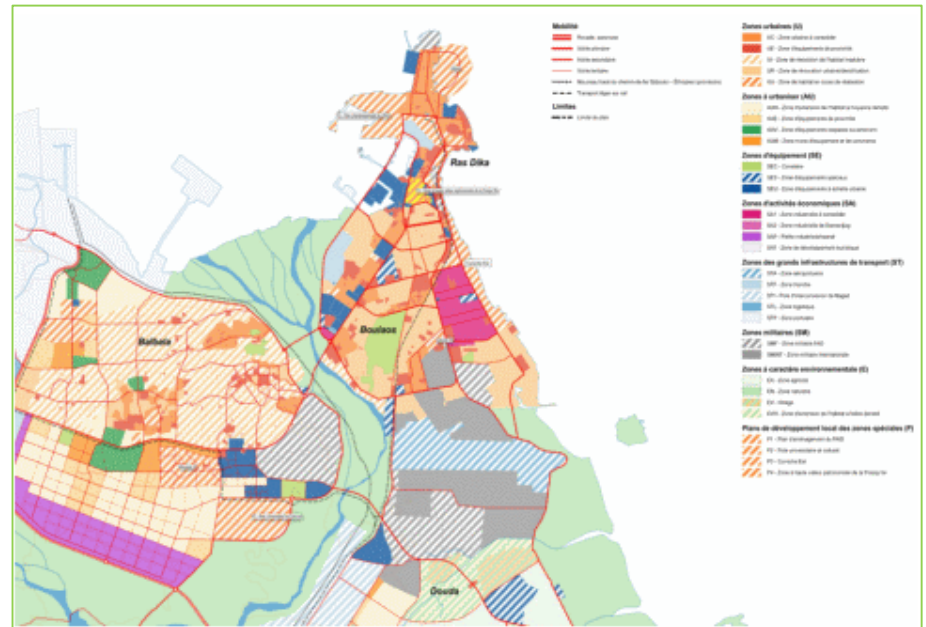
Djibouti-ville hosts almost 80% (approx. 650,000 inhabitants) of the total country population. In recent years, the city has experienced a **continuous urban growth** (3% per year), accompanied by an informal and unbalanced spatial occupation posing **many challenges in terms of** urban poverty, access to base services, housing, living conditions, **environmental threats**, etc.

Master Plan of Djibouti-ville

Objectives of the Master Plan:

The objective of the study was to elaborate, through a participatory and cross-sectoral approach, a coherent and realistic Master Plan aimed at **defining the framework of sustainable urban development of the city** by addressing its socio-economic needs and expectations.

The ultimate goal of the master plan was to position Djibouti-ville as a competitive, open and socio-economically inclusive and equitable city-pole in the region.



SEA of the Master Plan of Djibouti-ville

Going beyond an usual SEA...

Good practice:

The environmentalist was invited to perform the SEA from the early stage of the urban planning and became part of the urban planning process.

Going beyond:

SEA is usually used in urban planning to assess environmental impacts of each urban scenario, choose the most appropriate and propose mitigation measures.

→ but it could go further in helping **building a sustainable city scenario**.

The urban team considered the environmentalist **not only as an environmental assessor but as an urban team member**.

The urban team worked closely with the environmentalist to **draft an additionnal scenario : the sustainable city scenario**.

SEA of the Master Plan of Djibouti-ville

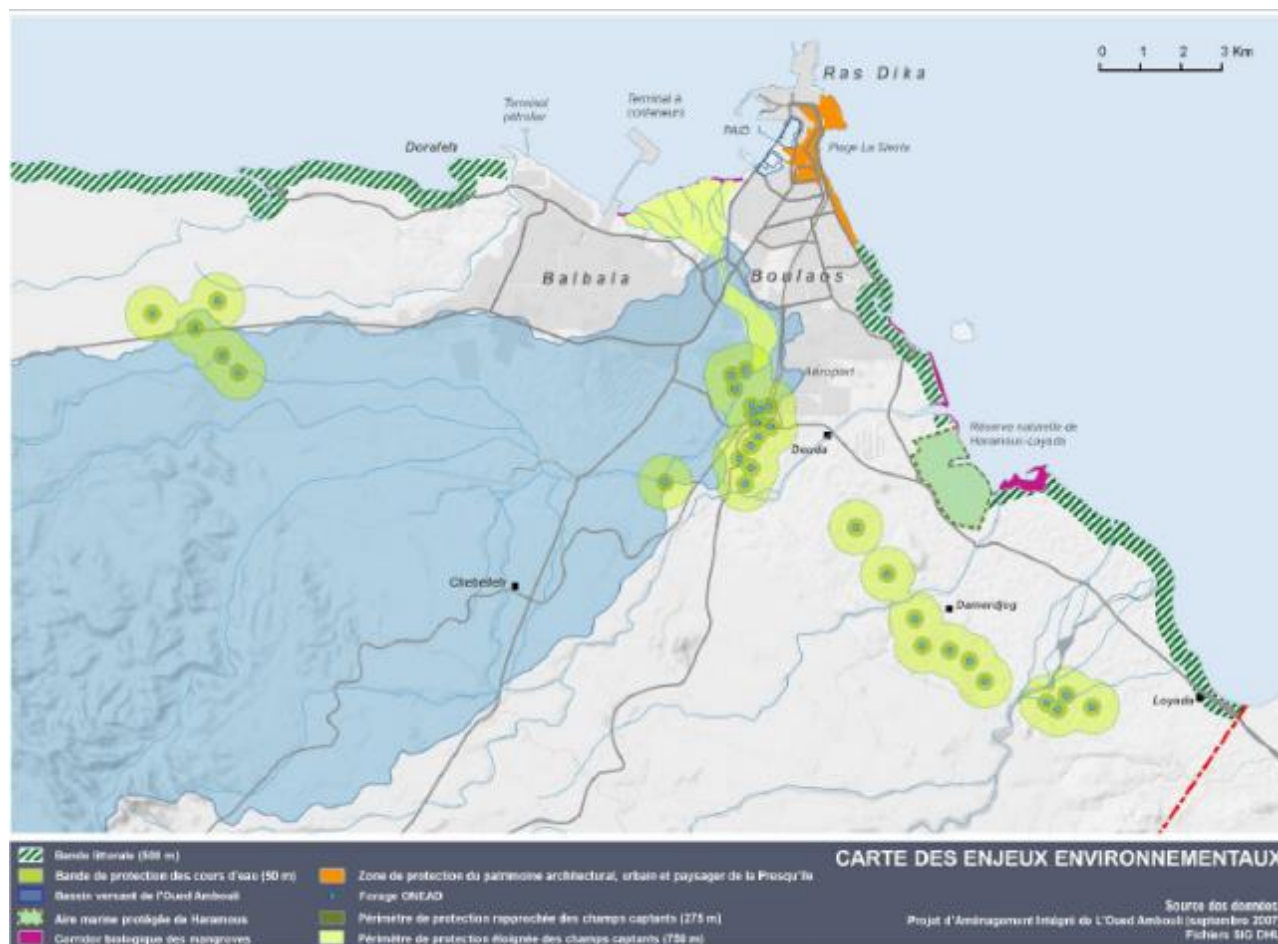
The sustainable city scenario

3 scenarii were proposed to the Government:

- an "acting as usual" scenario,
- a "managed" scenario and
- a "sustainable" scenario.

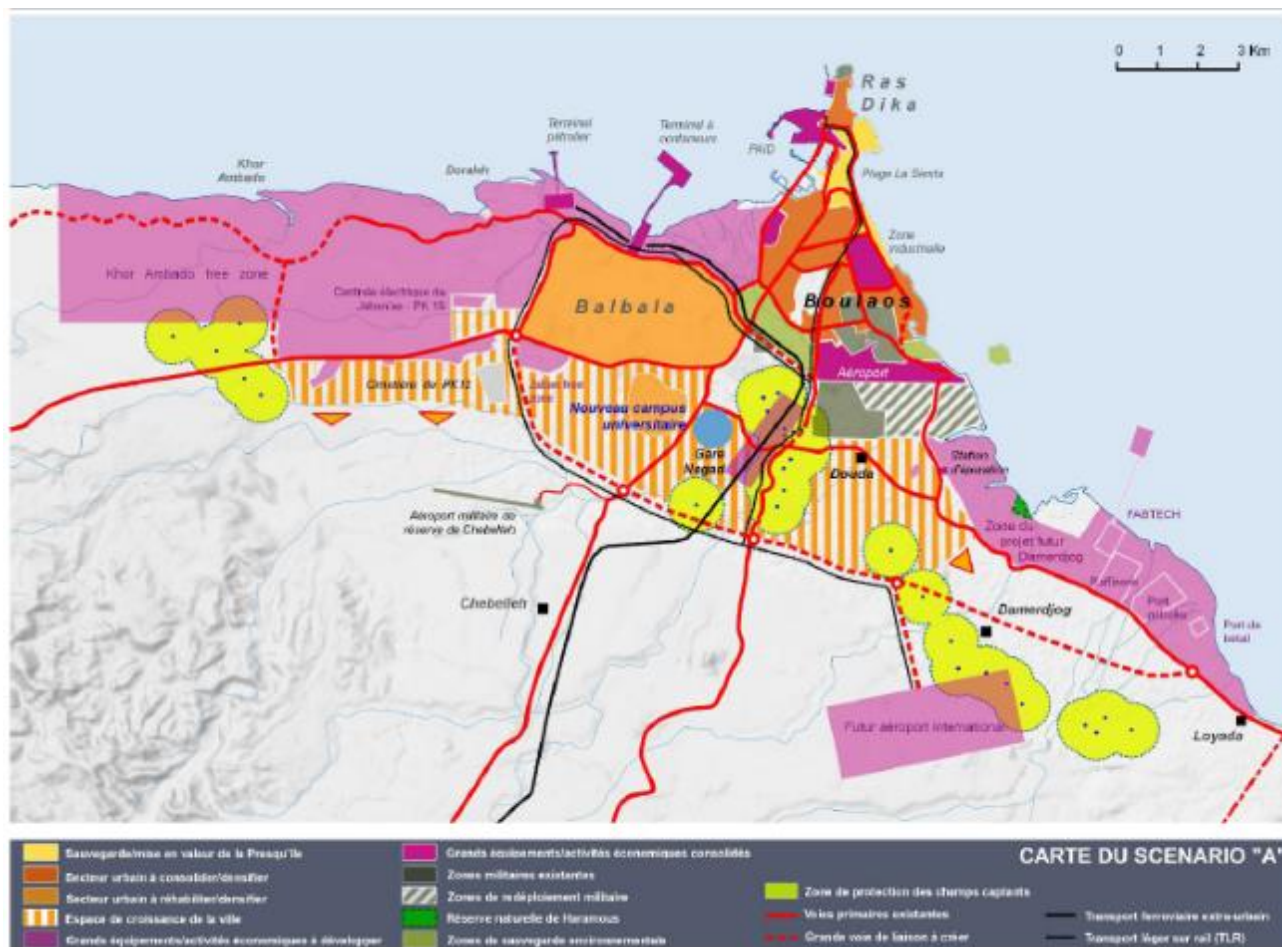


Environmental challenges of the city



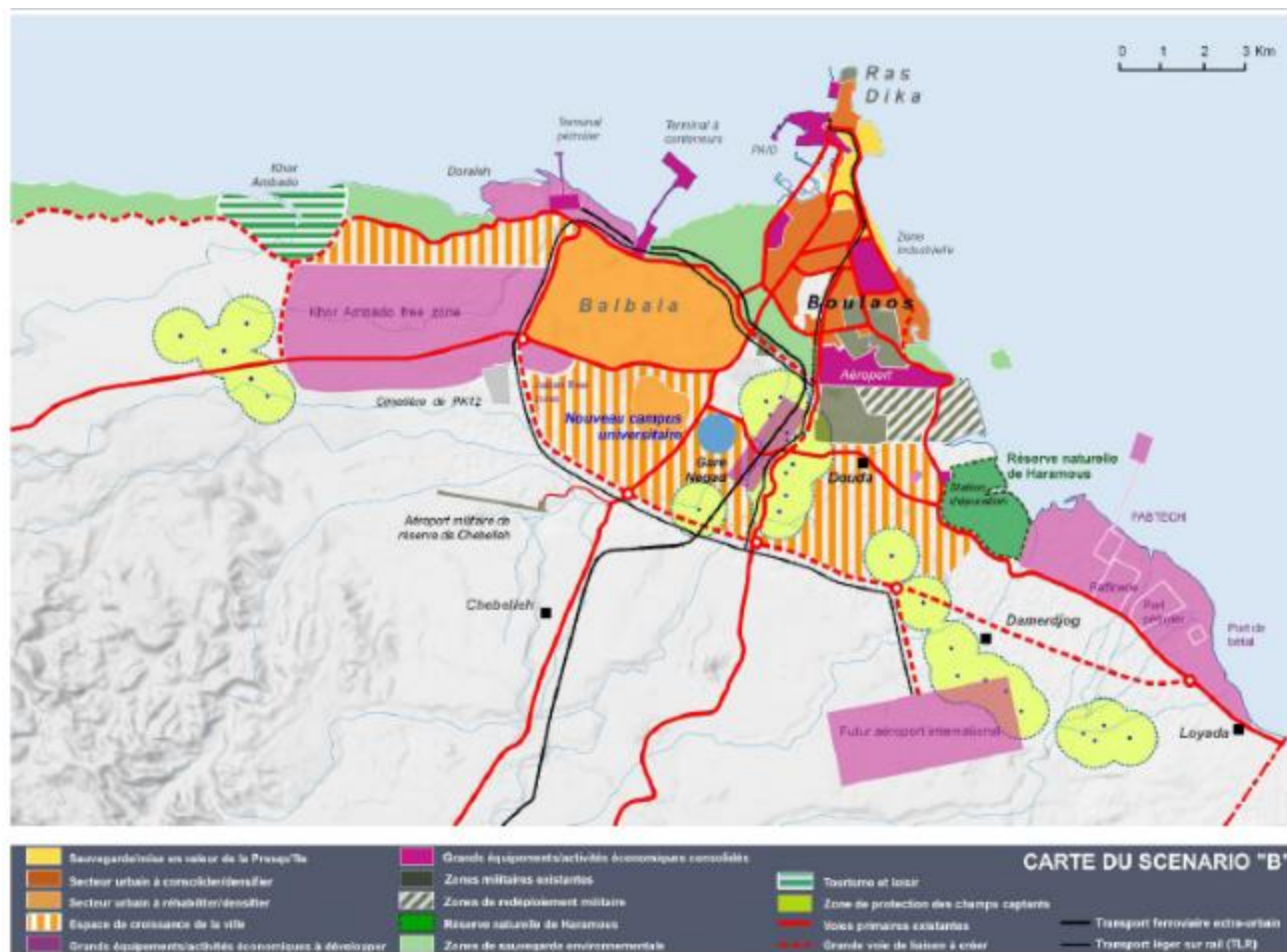
Proposed Scenarii

Scenario A: "Acting as usual"



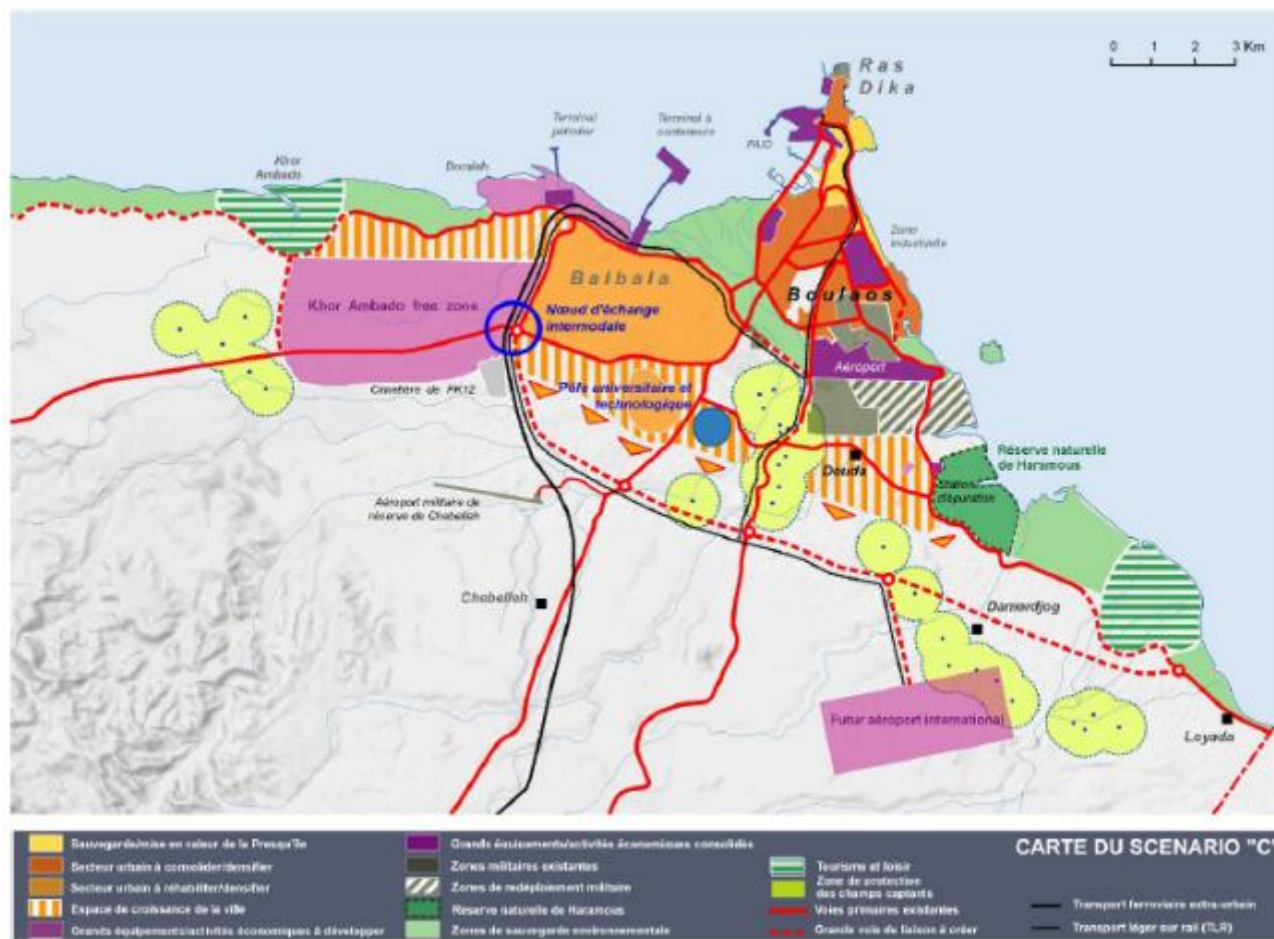
Proposed Scenarii

Scenario B: “Managed scenario”



Proposed Scenarii

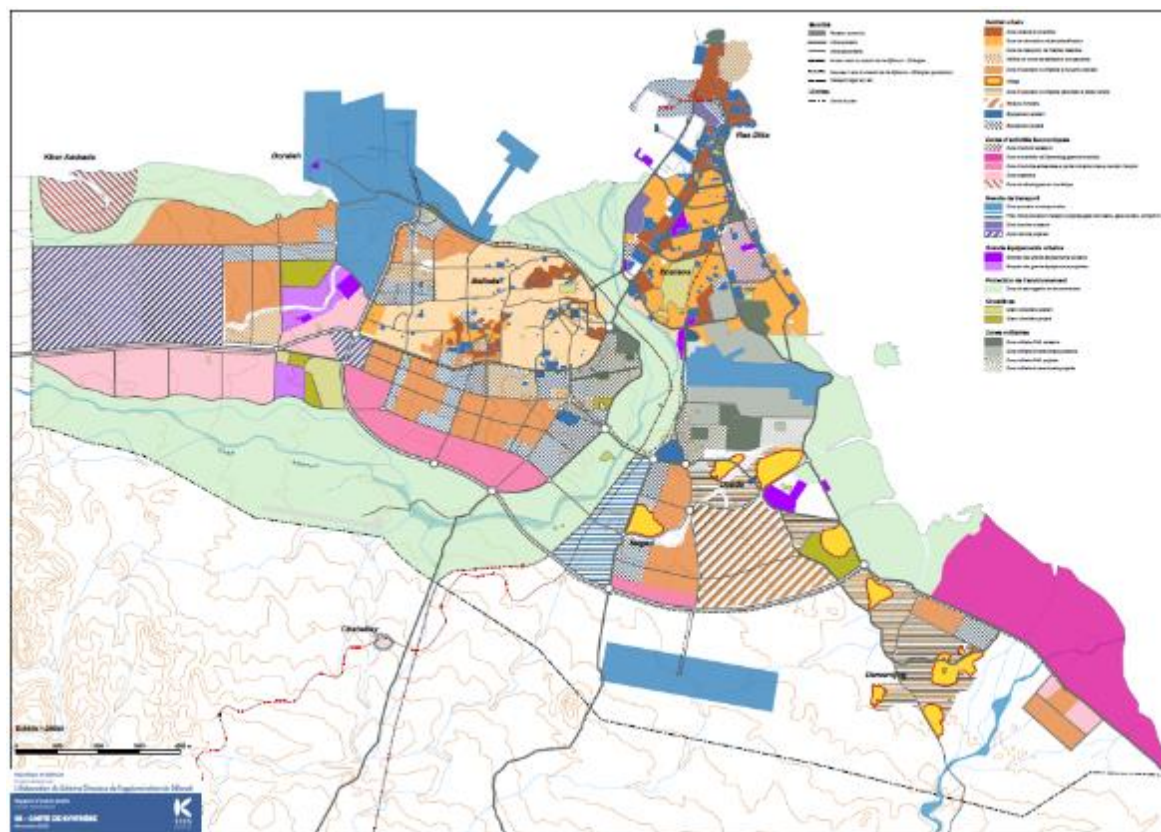
Scenario C: "Sustainable city"



Final Master Plan of Djibouti-ville

The chosen scenario:

→ in-between the "managed" and the "sustainable" scenario.



Conclusions

- SEA was **not only an assessment** but a part of the design process which opened **a step forward sustainable planning**.
- SEA of Djibouti-ville urban plan can demonstrate **how the SEA process could be used as a sustainable planning tool**.

THANK YOU !

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