

Recommended Strategic Corridors

1. ABIDJAN-LAGOS

West Africa: Côte d'Ivoire, Ghana, Togo, Benin, Nigeria

2. ABIDJAN-OUAGADOUGOU

West Africa: Côte d'Ivoire, Burkina Faso

3. PRAIA/DAKAR-ABIDJAN

West Africa: Senegal, Gambia, Guinea-Bissau, Guinea, Sierra Leone, Liberia, Côte d'Ivoire, Cabo Verde

4. COTONOU-NIAMEY

West Africa: Benin, Niger

5. LIBREVILLE/KRIBI/DOUALA-N'DJAMENA

Central Africa: Gabon, Equatorial Guinea, Cameroon, Chad, São Tomé and Príncipe

6. DOUALA/KRIBI-KAMPALA

Central Africa: Cameroon, Central African Republic, Democratic Republic of the Congo, Uganda

7. DAR ES SALAAM-NAIROBI-ADDIS ABABA-BERBERA/DJIBOUTI

East Africa: Tanzania, Kenya, Ethiopia, Somalia, Djibouti

8. MOMBASA-KISANGANI

East Africa: Kenya, Uganda, Rwanda, Democratic Republic of the Congo

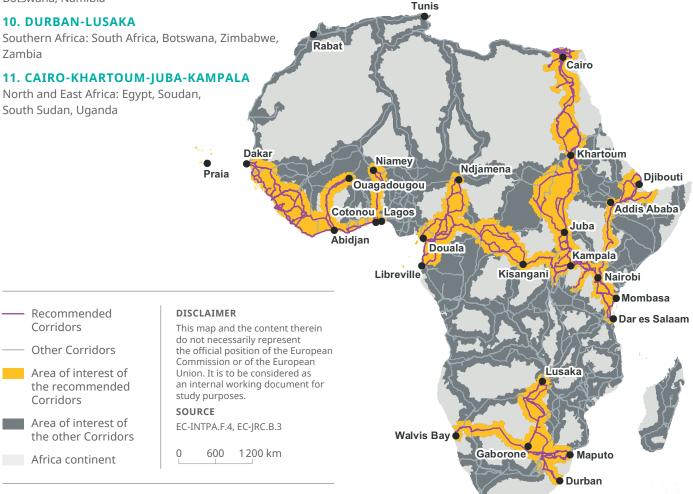
9. MAPUTO-GABORONE-WALVIS BAY

Southern Africa: Mozambique, South Africa, Eswatini, Botswana, Namibia

Identifying key Strategic Corridors in Africa, and focusing on their development provides an important opportunity to **deepen the Africa-EU partnership:**

- by concentrating investments in a limited number of Strategic Corridors, development impact can be increased and the EU will be able to make a difference in the quality of the infrastructure delivered:
- by supporting more clean and efficient Corridors through the promotion of multi-modality and climate ambitions, the increased demand for transport in Africa will not necessarily imply growing emissions and pollution, environmental impacts can be reduced and infrastructure can be more climate-resilient.

For the most part, the Strategic Corridors match with projects approved by the 2nd Priority Action Plan of the Programme for Infrastructure Development in Africa (PIDA PAP 2).





Methodology

The methodology was composed of two phases: a quantitative analysis followed by a qualitative one. The quantitative analysis led to the identification and classification of **55 Strategic Corridors**, under **four specific rankings**, according to the **four defined scenarios**, which reflect EU policy priorities and strategies.

The selection of the Strategic Corridors accounts for **potential social, environmental and economic trade-offs.** While impacts can be beneficial for the wider economic outcomes of economic welfare, equity and social inclusion, they may also be detrimental to the environment or for vulnerable groups.

Step 1 QUANTITATIVE ANALYSIS

Long list (55) > Middle list (31)

of Strategic Corridors

Step 2 QUALITATIVE ANALYSIS

Middle list (31) > Short list (11)

of Strategic Corridors

1. Corridor delineation

The initial list (long list) of African Corridors was extracted from the **African Union** and **Regional Economic Communities (RECs) official documents,** as well as corridors labelled as strategic by other key donors, which constitutes the current state of play of connectivity networks at continental level (including the current work on the Trans-Mediterranean Transport Network – TMN-T).

FOUR BROAD CATEGORIES OF CORRIDORS depending on their prevalent functionality

EconomicSystems-of-citiesCross-regionalAfrica-Europecorridorscoastal corridorscorridorsconnectivity corridors

NETWORK-BASED DELINEATION







Checking available infrastructures



Roads



Railways Rails yards



Waterways



Marine ports

Positioning the **Corridors** on the map

Estimate of **the most probable route**



Approximating their **physical footprint**

Based on the actual network characteristics (mean speed, roads conditions, other ancillary information) and the service area.

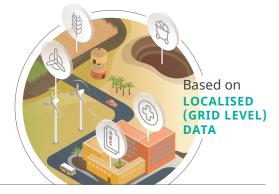
BUFFER AREA

For every buffer area along each Corridor, a set of **quantitative indicators** was calculated. They were used to **rank the Strategic Corridors.**

AROUND 140 CANDIDATE INDICATORS > 32 FINAL INDICATORS



Trade flows, economic sectors analysis, etc.



Population & demographic characteristics, circular economy & energy efficiency, land uses, natural resources, education & health services, etc.

The selected indicators covered the following **themes**:



Economy and investments 8 indicators



Connectivity and logistics 9 indicators



Biodiversity and sustainability 5 indicators



Human development, cities and security
10 indicators

3. Corridor optimisation

Different priorities and strategies analysed under different scenarios.

DEFINITION OF SCENARIOS and assignment of indicators

Strengthening Europe-Africa connectivity

Human development & peace and security

Green Deal

Sustainable growth and jobs

UTILITY FUNCTIONS



Minimise or maximise each indicator



WEIGHTING

The **weight of indicators** changes according to the importance of criteria, which can be defined in two ways.



Machine-based defined by algorithm

User-defined stakeholders needs

