

# II.1. Rehabilitation Project of the National Railway Infrastructure Company of Congo

## PROJECT SHEET

1. **Project name** : Rehabilitation of Railway Infrastructure of the Congo National Railways Company.
2. **Location** : Kalemie, Kamina, Kindu, Kabalo, Lubumbashi, Kananga and Kaniama
3. **Project Description** : This project involves the complete renewal of the track (ballast, rails, sleepers and fastenings) in the track between :  
Kalemie – Kamina : 720 km ;  
Kindu – Kabalo : 441 km ;  
Kamina – Lubumbashi : 600 km ;  
Kaniama – Kananga : 365 km.
4. **Type of Investment** : Public
5. **Estimated project cost** : 1,500,000 USD.
6. **Desired Partnership** : Public – Private
7. **Institution resource** :  
Société Nationale des Chemins de Fer du Congo  
  
E-mail : [info@cccgb.uk](mailto:info@cccgb.uk)
8. **Expected Results** :  
Traffic fluidity;  
Poverty reduction;  
Reduced transportation costs.
9. **Impacts of project** :
  - Economically  
Economic Integration;  
Recovery of economic activity.
  - Socially  
Food security for communities through regular supply of entities in food products.

## II.2. Wholesale proposed acquisition of the railway machinery and equipment of the SNCC

### PROJECT SHEET

1. **Project name :** Acquisition of heavy equipment for the railway track and of tools for the Congo National Railways Company
2. **Location :** Former Province of Katanga.
3. **Project Description :** This project consists in supplying and setting tampers service, régaleuses and weeders and as well as the supply of spare parts to ensure routine maintenance during the year.
4. **Type of Investment :** Public
5. **Estimated project cost :** 10,000,000 USD.
6. **Type of partner sought :** Public – Private
7. **Institution resource :**

Société Nationale des Chemins de Fer du Congo

E-mail : [info@cccgb.uk](mailto:info@cccgb.uk)

8. **Expected results :** Delivered and commissioned equipment
9. **Project Impacts :** At the economic level: raising the SNCC level of production;

## II. 3. Project of purchasing 200 carriages for passengers

### PROJECT SHEET

1. **Project name :** Acquisition of 200 cars for passengers
2. **Location of the project:** Ex Katanga Province.
3. **Project Description:** Acquisition of 200 passenger carriages It

is :

- 26 first class luxury carriages,
- ordinary first-class carriages,
- 45 2nd class carriages,
- 66 3rd class carriages,
- 14 restaurant type carriages,
- 14 luggage vans.

4. **Type of Investment :** Public
5. **Estimated project cost :** \$ 140 million
6. **Desired Partnership :** Public – Private
7. **Institution resource:**

Société Nationale des Chemins de Fer du Congo

E-mail : [info@cccgb.uk](mailto:info@cccgb.uk)

**8. Expected results :**

- a. Rail ensured regularity;
- b. Revival of economic activity ensured;

**9. Project Impacts :**

- a. Creating induced and indirect jobs;
- b. Contribution to the growth of Gross Domestic Product;
- c. Development of exchanges between the different centers of production and consumption;
- d. Flooding markets necessities.

## II. 4. Proposed acquisition of a complete equipment for the commissioning of a TBA manufacturing unit of SNCC SA.

### PROJECT SHEET

1. **Project Name:** Acquisition of a complete equipment for the commissioning of a manufacturing unit TBA of SNCC
2. **Location of the project:** Ex Katanga Province.
3. **Project description:** it is about supplying and installing complete equipment for manufacturing bi-block reinforced concrete sleepers.
4. **Type of investment:** public
5. **Estimated project cost (TTC):** \$ 1,500,000
6. **Source of funding :** A search
7. **Desired Partnership :** Public – Private
8. **Institution resource :**

Société Nationale des Chemins de Fer du Congo

E-mail : [info@cccgb.uk](mailto:info@cccgb.uk)

9. **Expected Results :**  
Complete equipment for manufacturing bi-block reinforced concrete sleepers provided and installed.
10. Economic impact of the project: Substitution of imports and saving foreign currency.

## Train SNCC



## II. 5. Project on the purchase of 400 commercial wagons with double brake system.

### PROJECT SHEET

1. **Project name :** Purchase of 400 commercial wagons with double brake system
2. **Project location :** ex. Katanga Province
3. **Project description :**

Wagons to acquire have the following characteristics:

- 200 covered wagons of loading capacity of 52 tons and volumetric capacity of 168 m<sup>3</sup>;
- 100 container wagons of 52 tons of cargo capacity;
- 100 fuel tanks wagons of 50 m<sup>3</sup> capacity.

4. **Cost of the project:** \$ 54 million
5. **Type of Investment:** Public
6. **Financing:** A search
7. **Desired Partnership:** Public Private
8. **Current status of the project :** Existence of the prefeasibility study
9. **Institution resource :**

Société Nationale des Chemins de Fer du Congo

E-mail : [info@cccgb.uk](mailto:info@cccgb.uk)

10. **Economic impact of the project**

The project is contributing to the increased volume of the company's activities and promotes the economic integration of provinces using the SNCC railway.

## II. 6. Project on the acquisition of 10 electric line locomotives with an output of 3,000 KW

### PROJECT SHEET

1. **Project name:** Acquisition of 10 electric line locomotives with an output of 3,000 KW - Catenary power : 25 kV- 50 Hz
2. **Location of the project:** Ex Katanga Province.
3. **Project Description:** The SNCC has 860 km of electrified railways out of 3641 kilometers that make up its network. When SNCC realised 2,000,000,000 traffic units, electric traction was contributing in the proportions of 50%.
  - The infrastructure for electric traction exists. Electricity is cheaper in our country, in comparison with the cost of oil, whose prices are only increasing.
4. **Investment cost:** \$ 20,050,000
5. **Type of investment:** public
6. **Financing:** searching
7. **Desired Partnership:** Public Private
8. **Current status of the project:** existence of the pre-feasibility study
9. **Resource Institution :**

Société Nationale des Chemins de Fer du Congo

E-mail : [info@cccgb.uk](mailto:info@cccgb.uk)

#### 10. Economic impact

The project is contributing to the increased volume of the company's activities and promotes the economic integration of provinces using the SNCC railway.



## II. 7. Project for the acquisition of tractors and track inspection cars.

### PROJECT SHEET

1. **Project name:** Acquisition of tractors and track inspection cars.
2. **Location of the project:** Ex-Katanga Province
3. **Project Description:** The characteristics of these tractors are as follows:
  - 35 tractors for track maintenance
  - 5 SER tractors
  - 5 catenary tractors
  - 6 track inspection cars
4. **Investment cost:** \$ 23,600,000
5. **Type of Investment:** Public
6. **Financing:** searching
7. **Desired Partnership:** Public Private
8. **Current status of the project:** existence of the pre-feasibility study
9. **Resource Institution :**

Société Nationale des Chemins de Fers du Congo

E-mail : [info@cccgb.uk](mailto:info@cccgb.uk)
10. **Economic impact of the project:** This project is contributing to the increased volume of the company's activities and promotes the economic integration of provinces using the SNCC railway.

## II. 8. Project of Renewal 4 traction substations, on rehabilitation of seven traction substations and of 484 km of existing catenaries

### PROJECT SHEET

- 1) **Name of the Project:** Renewal of 4 traction substations, on rehabilitation of seven traction substations and of 484 km of existing catenaries 25 kV 50Hz.
- 2) **Location of the Project :** This project is located in the mining area, between LUBUMBASHI-KAMINA and TENKE-LULU
- 3) **Description du projet :**
  - This project is part of a vast program of gradual renewal of Traction Power Sub Stations commissioned between 1952 and 1970 and catenaries' sections having suffered several acts of vandalism and many train traffic incidents.
  - It consists in the acquisition and installation of 4 under tensile stations average external voltage type with two cells HV / MV of 12MVA; 110/25 kV-50Hz each replacing 4 out of 11 exceeded design and upgrading of the 7 remaining pending renewal.
  - This project also includes the rehabilitation of sections of the catenary on a 484 km long and the acquisition of 5 catenary maintenance vehicles. Note that the recovered elements serve to strengthen the ability of other in adjacent stations on the same shaft mining.
- 4) **Investment Cost:** \$ 84,700,000
- 5) **Investment Type:** Public
- 6) **Funding:** To be found
- 7) **Desired Partnership:** Public Private
- 8) **Current status of the project:** Existence of the feasibility study
- 9) **Resource Institution :**  
Société Nationale des Chemins de Fer du Congo

E-mail : [info@cccgb.uk](mailto:info@cccgb.uk)

10) **Economic impact of the project:**

The project is contributing to the increased volume of the company's activities and promotes the economic integration of provinces using the SNCC railway.

## II. 9. Project of electrification of the railway sections with heavy traffic density

### PROJECT SHEET

1) **Project name:** Electrification of the railway sections with heavy traffic density.

2) **Project location:** Ex-Katanga Province

3) **Project Description :**

- The project involves new fixed installations for electric traction on Mutshatsha Dilolo-section and on connecting DIVUMA and Kisenge.

It involves the supply and installation of:

- Catenary equipment and ancillary equipment as well as those related;

- Three external electric traction substations 2 x 12 MVA; 110/25 kV - 50Hz implanted in Mwene KULA, Kasaji and 7 km before KAHUNDU.

- Equipment for the extension of the 110 kV power line KOLWEZI-Kisenge to power the substation to implant beyond the existing 110 kV-50Hz line.

4) **Investment Cost:** \$ 302,109,000

5) **Opportunities :**

The profitability of an electrified railroad is indisputable for sufficient traffic. But in our context the reopening of the road to Lobito in Angola will enable to have a significant traffic density on the axis Lubumbashi - Dilolo. And the resumption of mining traffic through this route of Lobito, the costs of imported oil, amply justify the realisation of this project.

## II. 10. Project of acquisition of machine tools and workshop equipment for central workshops and SNCC network

### PROJECT SHEET

1. **Project Name:** Acquisition of machine tools and workshop equipment for the Central Workshops and SNCC network.
2. **Project location:** ex. Katanga Province
3. **Project Description:** The existing workshop facilities are obsolete, outdated, and insufficient in number and most are experiencing frequent breakdowns.

The acquisition of the following equipment records were canceled on PTM1 while they are also strategic to improve production workshops. These include:

Hydraulic cutters; universal milling machines, drills column; reprofiling laps on pit; vertical lathes; air compressors; horizontal lathes; horizontal lathes; Mobile acetylene generators; arc welding machines; press brakes; punching-shears; drums; reciprocating saws; distillers of water; steam cleaning of mobile machines; valve grinding machine; traction motor drying ovens, armature balancing machine; tempering furnace; 3 presses shifting the bearings; hydraulic units for cold riveting; drawing design software; tools and measuring instruments; repair shop equipment electrical machinery central workshops.

4. **Investment cost:** \$ 10.8 million
5. **Financing :** To be found
6. **Desired Partnership:** Public – Private
7. **Type of investment:** public
8. **Project status:** existence of the feasibility study
9. **Resource Institution**  
Société Nationale des Chemins de Fers du Congo

E-mail : [info@cccgb.uk](mailto:info@cccgb.uk)

10. **Economic impact of the project**

The project is contributing to the increased volume of the company's activities and promotes the economic integration of provinces using the SNCC railway.

## II. 11. Rehabilitation of the Railways Matadi-Kinshasa

### PROJECT SHEET

1. **Project Name:** Rehabilitation of Railways Matadi-Kinshasa
2. **Project Location :** Matadi and Kinshasa
3. **Description of the project :**

The project involves the rehabilitation and modernisation of the railway, the rehabilitation of production tools, telecommunication rehabilitation works, and the acquisition of traction equipment (16 line locomotives, 10 maneuver s locomotives, 215 wagons and 36 passenger carriages). The track length: 366 km, distance: 1,067 m and number of stations: 38 whose two terminal and 36 intermediate

4. **Type of investment** : Public
5. **Estimated Project Cost** : **223,431,760 USD**
6. **Funding method** : To be found
7. **Partnership** : Public – Private.
8. **Resource institution** : Société Commerciale des Transports et Ports (SCTP)

E-mail : [info@cccgb.uk](mailto:info@cccgb.uk)

9. **Study** : Existence of the prefeasibility study
10. **Project impact** : This project aims at reducing the transport time of goods and people on the track, to increase the number of rotations between the place of origin and destination, to increase the mobility of people and their property, etc.

## II. 12. Rehabilitation project of existing infrastructure and procurement of equipment of inland ports (River axis)

### PROJECT SHEET

1. **Project Name :** Rehabilitation of infrastructure and procurement of equipment of inland ports (river axis)
2. **Location of the project :** Basoko, Bumba and Lisala Mbandaka in DR Congo
3. **Project Description:** The project consists in the rehabilitation of infrastructure, procurement of equipment: one 30-ton crane, 5 twenty-ton cranes, a thirty-ton crane, 7 cranes of 5 tons, 20 four-ton lifts, a 7 tons forklift, etc. The affected ports have the following characteristics:
  - Port Basoko: quay length of 118 m;
  - Bumba Port: quay length: 335 m;
  - Port of Lisala: quay length: 223 m;
  - Port of Mbandaka: quay length: 300 m.
4. **Type of Investment :** Public
5. **Estimated project cost:** \$ 39,699,311
6. **Source of funding :** To be found
7. **Desired Partnership :** Public Private
8. **Current Status of the Project :** Prefeasibility Study available
9. **Institution resource :**

Société Commerciale des Transports et Ports (SCTP) 177, Boulevard du 30 Juin – Kinshasa/Gombe  
 E-mail : [info@cccgb.uk](mailto:info@cccgb.uk)
10. **Economic impact**

This project aims at boosting the SCTP river activity from the perspective of regional integration and in the vision of the implementation of the north corridor.

## II. 13. Rehabilitation and Modernisation Project of the Port of Matadi

### PROJECT SHEET

- 1. Project Name** : Rehabilitation, development and renewal of port infrastructure in Matadi.
- 2. Project description** : The sea port of Matadi is the downstream link of the Atlantic Ocean and the river port of Kinshasa. It has the following characteristics:
- Quay length: 1,610 m;
  - Extension Ango-Ango: 120 m;
  - Warehouse area: 64,000 m<sup>2</sup>;
  - The container terminal area: 60,000 m<sup>2</sup>;
  - Number of piers: 10;
  - Capacity: 2.5 million tons.
- 4. Project Cost** : 100,403,802 USD
- 5. Financing** : To be found
- 6. Type of investment** : Public – Private.
- 7. Current status of the project** : Pre-feasibility studies available.
- 8. Institution resource** : Société Commerciale des Transports et Ports (SCTP)
- E-mail : [info@cccgb.uk](mailto:info@cccgb.uk)
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- 9. Expected Results** : Decongest the Port concerned
- 10. Project Impacts** :
- Economically : Ensuring the smooth flow of import-export operations and others ;
    - Cost reduction and improvement
    - performance;
    - Etc.
  - Socially : Ensure a better service to users of the Port.

## Port of Matadi





## II.14. Project on the purchase of a floating dock

### PROJECT SHEET

1. **Project name:** purchase of a floating dock
2. **Location of the project:** Kongo Central (Boma)
3. **Project Description:** The existing floating dock of the CVM dates from 1925 and is by its status a permanent danger to both floating units for staff. The absence of a floating dock for dry-up floating units is a serious handicap for the maintenance of the units and for the development and maintenance of navigable channels in the maritime reach of the Congo River.
4. **Project cost:** 20 million Euros
5. **Type of Investment:** Public
6. **Financing:** A searching
7. **Desired Partnership:** Public Private
8. **Current status of the project:** Existence of the prefeasibility study
9. **Resource Institution :**  
La Congolaise des Voies Maritimes  
**E-mail :** [info@cccgb.uk](mailto:info@cccgb.uk)
10. **Economic impact of the project:**  
This project aims at facilitating the seaworthiness of vessels in the western part of the Republic and in turn foreign trade. Indeed, this project will ensure the dry-up of floating units (dredges, buoy-layers, etc.), to reduce the detention rate of dredges and servitude units assigned to different jobs in the maritime reach of the Congo River, to increase the effectiveness of intervention for maintenance.