

NEPAD: 16 MEGA-PROJECTS TO TRANSFORM AFRICA

1. Nigeria-Algeria Gas Pipeline

Trans-Saharan Gas Pipeline from Qua Iboim terminal in Calabar (Nigeria) to Hassi R'Mel (Algeria). The project will also help to recover the equivalent of 220,000 barrels per day of flared gas.

Total estimated cost: US \$ 10 billion	Length: About 4,400 km	Capacity: 30 billion cubic meters of natural gas per year
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2. Modernization of Dakar-Bamako Rail Line

The project will improve connectivity and intra-African trade between Dakar and Bamako, and other countries to promote regional integration and help create economic opportunities.

Total estimated cost: US \$ 3 billion	Length: 1,234 km	Project sponsors: The governments of Senegal and Mali
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3. Sambangalou Hydropower Project

The project will provide sustainable electricity in three neighboring countries (Gambia, Guinea and Senegal), allow to control the level of water in the river basin and promote peace in the region.

Estimated cost: US \$ 1.108 billion	Capacity: 128 MW	Volume: 3.8 billion m ³ water reservoir
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5. Abidjan Ouagadougou Road-Rail Projects

The project will contribute to the modernization and rehabilitation of the multimodal corridor that has suffered disasters during the civil war in Ivory Coast.

Estimated cost: US \$ 600 million	Objectives: Modernize 500 km of motorway and 1,200 km of existing rail	Project sponsors: Governments of Ivory Coast and Burkina Faso
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7. Abidjan-Lagos Coastal Corridor

The road corridor will reduce border crossing time, hassle and costs. It will also reduce the costs of transportation and logistics.

Total estimated cost: US \$ 50.4 million	Total length: 1,028 km	Project sponsors: The governments of Nigeria, Benin, Togo, Ghana and Ivory Coast
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4. Brazzaville Kinshasa Road Rail Bridge Project and the Kinshasa Illebo Railways

Construction of a road, a combined railway bridge and a one-stop border post at which the railway line will be connected to the Lubumbashi - Illebo line.

Estimated cost: US \$ 1.65 billion	Objectives: Creation of a rail link between Central African Republic and South Africa in the DRC	Project sponsors: Governments of the Republic of Congo and the Democratic Republic of Congo
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6. Ruzizi III Hydropower Project

Third in a series of four hydroelectric projects, Ruzizi III is a 147-megawatt hydro-power plant with three power units.

Total estimated cost: US \$ 600 million	Installed capacity: 147 MW	Impact: 107 million people with electricity
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8. Lusaka-Lilongwe ICT Terrestrial Fibre Optic

This project aims to install a 10Gbit fiber channel from the technical center in Lilongwe to the border with Zambia.

Total estimated cost: US \$ 1.5 million	Impact: The project will create 225 permanent jobs per year in construction phase	Project sponsors: Government of Zambia and Malawi
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9. Batoka Gorge Hydropower Project

This project involves the installation of eight 200 megawatt units whose power is shared equally between Zambia and Zimbabwe.

Total estimated cost: US \$ 6 billion	Impact: Creation of 6,000 permanent jobs per year during construction phase and 1,200 during the implementation phase	Puissance installée: 1600 MW
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16. North Africa Transmission Corridor

Construction of a transmission line 2,700 km long with a capacity of 500 megawatts from Morocco to Egypt through Algeria, Tunisia and Libya.

15. Douala Bangui Ndjamena Corridor Road - Rail Project

The construction of the bridge, road and railway line will not only link the three countries (Cameroon-Chad-CAR), but also accelerate regional integration.

Estimated cost: US \$ 356 million	Status: Some sections are already included in national projects	Project sponsors: Governments of Cameroon, Central African Republic and Chad
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14. Juba Torit Kapoeta Nadapal Eldoret Road Project

This project will facilitate the integration of South Sudan in regional markets and will support the State of South Sudan.

Total estimated cost: US \$ 420 million	Projections: The road is supposed to be built as a regional corridor in three phases	Project sponsors: Governments of South Sudan and Kenya
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13. Kampala Jinja Road Upgrading

The road is a vital link between Juba, in South Sudan, and Kampala, in Uganda.

Total estimated cost: US \$ 74 millions	Durée: The expected construction period is 4 years	Project sponsors: Government of Uganda
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12. Zambia-Tanzania-Kenya Transmission Line

This line of two-way power transmission will promote energy interconnection throughout the continent and facilitate the creation of a pan-African energy market.

Length: 2,206 km	Capacity: 400 MW transmission line double circuit 400 kV	Project sponsors: Government of Zambia, Tanzania and Kenya
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11. Dar es Salaam Port Expansion

Tanzania and the neighbouring countries could gain about US \$ 2.6 billion per year if the efficiency of the port of Dar es Salaam were equal to that of the port of Mombasa.

Total estimated cost: US \$ 384 million	Benefits: Installation of conveyor systems	Main work: Deepening and strengthening of berths
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10. Serenje-Nakonde Road

The road will reduce the cost of road transport for passengers and goods on the North-South corridors and towards Dar es Salaam.

Total estimated cost: US \$ 674 million	Length: 614.71 Km	Deadline: End of 2017
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- Energy
- Transport
- Telematics

