



« The Letter »

(Observatoire Europe-Afrique 2030)

32 September/October 2022

*The "Observatoire Europe-Afrique 2030" is a space open to all those interested in **PROMOTING THE CO-DEVELOPMENT OF A "GREEN" CAPITAL GOODS AND PRODUCTS MANUFACTURING INDUSTRY IN AFRICA** (mini-grids, wind farms, heat pumps, electric vehicles, tramways, bio-gas plants, waste recycling units.....). Its purpose is to disseminate information, proposals and analyses to feed this debate.*

Events

"Ambition Africa" - Paris - DG Treasury/Business France - 04 and 05/10/2022
<https://event.businessfrance.fr/ambition-africa/>

"AFSIC 2022 - Investing in Africa" - London - October 10 and 11, 2022
<https://www.afsic.net/delegate-registration/>

"Africa Tech Summit" - Nairobi - 15 and 16/02/2023
<https://www.africatechsummit.com/nairobi/>

EMWA - " Equipment and manufacturing West Africa Conference " - Lagos (Nigeria) - From 30/05 to 01/06 2023
<https://www.emwestafrica.com>

"Africa Energy Forum" - Nairobi - From 20 to 23/06/2023
<https://www.africa-energy-forum.com>

News

Africa

According to the world index of container port performance published by the World Bank, the port of Tangier-Med is ranked sixth in the world. It is the best ranked for Europe and North Africa (*Financial Afrik - 06/06/22*).

Africa

The global market for electric vehicles could be worth more than \$1,300 billion by 2030. In addition, producing batteries in the Democratic Republic of Congo would cost 30% less than in the United States and 20% less than in China (*UNECA - 07/2022*).

Africa

According to various estimates, to make the African Continental Free Trade Area (AfCFTA) effective, Africa would need over 2 million trucks. "Why shouldn't these trucks be electric trucks produced in Africa?" asks Dr. Vera Songwe, secretary general of Uneca (*Jeune Afrique - 10/06/2022*).

Africa

The Swedish-Kenyan company Opibus has entered into a partnership with Uber to promote the distribution of electric motorcycles on the African continent. The partnership aims to put some 3,000 electric motorcycles on the road in Africa by 2022. The bikes will be supplied by Opibus, as the manufacturer, while Uber will use the bikes and help its new partner ramp up production to expand across Africa (*Afroaware.com - 07/2022*).

South Africa

GoMetro, MiX Telematics, HSW, ACDC Dynamics are working to deploy electric minibuses in the Stellenbosch Municipality (Western Cape Province) by January 2023. To achieve this, the project team is relying on reduced fees and other costs associated with the acquisition of electric vehicles in South Africa, as well as technology solutions from South African supplier MiX Telematics. In this context, the South African government has decided to support the development of the electric car market with licenses already granted to BMW, Nissan, and Volkswagen. In early 2022, the Chinese manufacturer launched the CityBug, an electric vehicle model already marketed in Asia, Germany, Spain, Uruguay and the United Kingdom (*07/07/2022 - Afrik 21*)

Algeria

The company Zergoun Green Energy is starting up a solar panel production plant. Location: Ouargla. Production capacity: 180 MW of solar panels/year. Surface area: 9,200 m². Production: mono PERC M3 modules of 5 and 6 bus bars, power 405-415 Wp. Factory automated to 95 %. Direct jobs: 150. Investment: >11 M€. The unit was manufactured by Mondragon Assembly (Spain). A similar installation is being built by the Algerian company Milltech (100 MW production capacity) of solar modules. Location: Boukherana industrial zone, near Chelghoum El Aid (*pv-Magazine - 06/2022*).

Cameroon

Bolloré Transport & Logistics Cameroon inaugurates the "Kribi Logistics Hub". Total area: 2.4ha. Located near Kribi Container Terminal (KCT). Investment: approximately €6 million for the first phase of the project (total budget of over €10 million). Connected to the port of Kribi via a 2.9 km road axis, this multimodal platform offers logistics services to support the economic growth of countries in the sub-region (Chad, CAR, Congo, etc.). The first phase includes a 7720 m² operating area, a 6000 m² warehouse and 310 m² of offices (*Finacial Afrik - 08/06/22*).

Egypt

Stellantis is to build a factory to manufacture electric vehicles. Part of the production will be exported. Timeframe: 2025. Investment: 35 M\$ (*Afrique.le360.ma - 06/2022*).

Egypt

Elsewedy Electric will build a center for electric motors at the request of Chinese manufacturer Wolong Electric. The facility will be equipped with a test bench capable of testing motors up to 10 MW and 15 kV. Elsewedy Electric will also install a medium voltage coil insulation system to improve the quality of electrical products used in industries, household appliances and electric vehicles. Elsewedy Electric currently operates 10 manufacturing plants in Egypt, Algeria, Nigeria, Zambia and Tanzania. Products: Low voltage motors (690 V) used in light industries, water distribution stations and medium voltage motors (15 kV) used in power generation and water pumping stations" / cables / transformers (*Zawya - 27/04/2022*)

Egypt

The Ministry of State for Military Production and the Ministry of Local Development have signed an agreement for the acquisition of 70 electric buses that will operate in Cairo from October 2022. Total cost: \$17 million. Called "Setibus", they are produced locally in the factory of the Egyptian manufacturer Manufacturing Commercial Vehicles based in Salheya (Ach-Charqiya governorate). With a maximum speed of 70 km/h, the "Setibus" can carry up to 73 passengers, including 49 seats (*www.sis.gov.eg - 07/2022*).

Ghana

The government will inaugurate a new electronic waste recycling center in Accra on October 31st. Area: 10,000 m². Temporary storage area, recycling unit, weighbridge, guardhouse and transformer. These facilities will enable the recovery and resale of four types of electronic waste: cables, mixed batteries, thermoplastics and cathode ray tube televisions. The plant, built by the Memphis Metropolitan company, is financed to the tune of €10 million with the support of the German government (*Afrik 21-28/06/2022*).

Mali

Danew Talla Electronics, a joint venture under Malian law formed by the French company Danew and the Malian company Talla télécom, is planning an assembly plant for computers and tablet computers. Location: Bamako. Market: Mali and West Africa. Products: Notebook computers and tablets with an average cost of FCFA 65,000 (USD 106.3) with models going up to FCFA 100,000. Production capacity of the factory is estimated at 600,000 computers and tablets per year. Direct employment: approximately 200 jobs (up to 1,000 indirect jobs) (*Wearetech.Africa - 09/06/2022*).

Morocco

The Moroccan government plans to build a local manufacturing plant for electric batteries. The project will eventually allow for one million electric vehicles to be put on the road by 2026 in the kingdom. Negotiations are underway with car manufacturers to launch the plant, which will make use of renewable energy, phosphates and the 1,900 tons of cobalt produced annually in Morocco (*www.mobile.telquel.ma - 07/2022*).

Nigeria

Oando Clean Energy Limited (Ocel), a renewable energy company, has entered into a partnership with the Lagos Metropolitan Transport Authority to introduce electric buses in the economic capital. The agreement will eventually enable the development of electric mobility in several cities such as Kano and Enugu. At the same time, the IFC has granted a \$50 million loan to the Lagos State authorities to rehabilitate two transport lines in the Ile Iwe-Ile Epo and Abule Egba-Command districts (*Afrik 21 - 08/06/22*).

Nigeria

Inauguration in July 2022 of a fiber optic cable manufacturing plant by the Coleman Wire and Cable Fibre Optic Company, in partnership with Corning Inc (USA). Location: Ogun State. It is the first fiber optic cable factory in Nigeria (*"The 360" - 07/2022*).

Uganda

Solar energy provider Aptech Africa is commissioning an 8.5 kWp photovoltaic system with a 9.6 kWh battery storage system to recharge the batteries of electric motorcycles of the start-up Zembo (fleet of 250 electric motorcycles in Kampala). The charging stations are installed along the Kamapala-Masaka axis (120 km) with the financial support of the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), and the Powering Renewable Energy Opportunities (Preo). The financial resources were provided by three foreign investors: DOB Equity, InfraCo Africa and Mobility 54 (*Afrik 21 - (05/09/2022)*).

Rwanda

Ampersand Rwanda Ltd is Africa's first electric motorcycle assembly and financing startup. The Rwandan mobility start-up aims to manufacture "thousands of electric motorcycles" to make them available on the Rwandan and Kenyan markets by the end of 2022 (*agencecofin.com*).

Togo

M Auto, a factory for the assembly of electric motorcycles and three-wheelers, will be set up on the country's Adétikopé industrial platform (PIA). Production is intended for the local market and other countries in the region. The manufacturer has announced a future capacity of 1,000 machines per day (*Togofirst*).

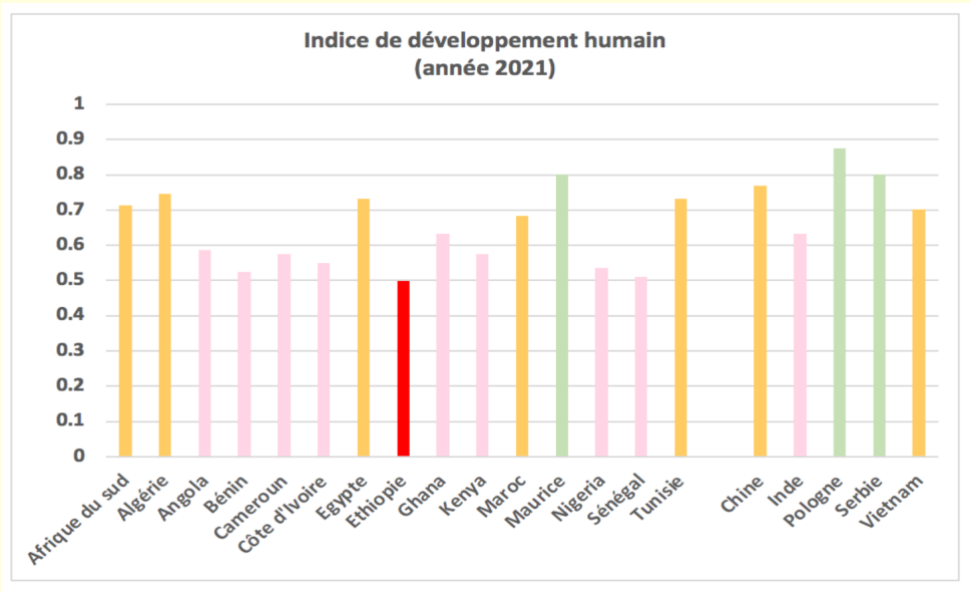
Zambia / DRC

Zambia and the Democratic Republic of Congo have signed a memorandum of understanding on the creation of a joint value chain for the electric mobility and clean energy sectors (manufacture of cathode precursor materials for lithium-ion batteries for electric cars). The project will be implemented on two sites, one in the province of Haut-Katanga (Congo), the second in Copperbelt (Zambia). Investment under the auspices of the United Nations

Indicators

Human Development Index (UNDP)

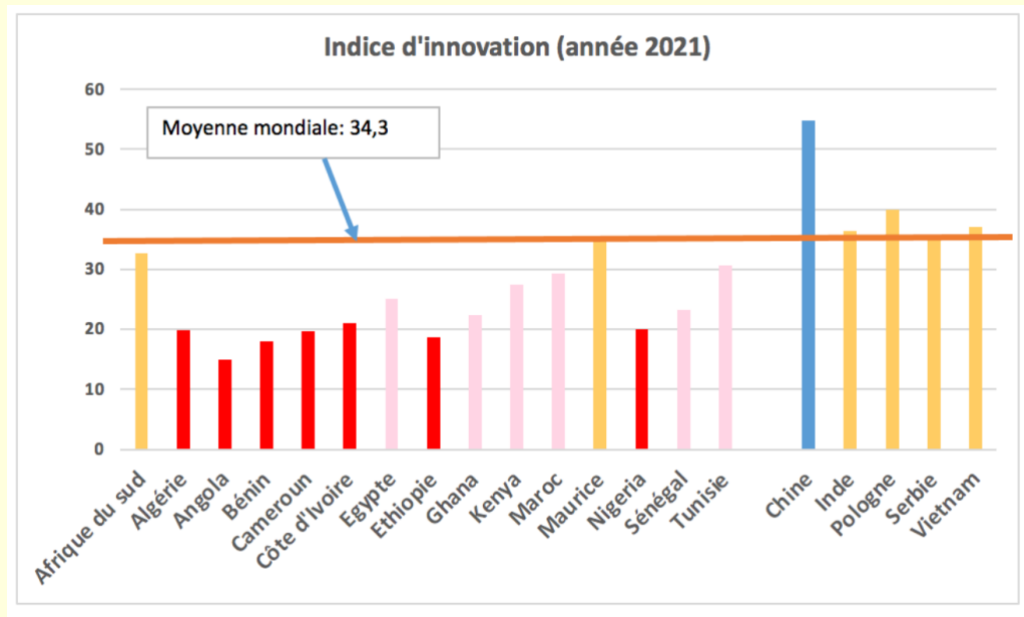
The human development index reveals very contrasting situations. Algeria, Egypt, Mauritius, Morocco, South Africa and Tunisia have high indices, while Angola, Benin, Cameroon, Côte d'Ivoire, Ethiopia, Ghana, Kenya, Nigeria and Senegal are in the "low" or "very low" human development category.



Green	Excellent
Light Green	Bon
Orange	Moyen
Pink	Passable
Red	Médiocre

Innovation

13 of the 15 African countries analyzed are characterized by low innovation capacity. South Africa and Mauritius nevertheless manage to keep up with India, Poland and Vietnam.



Source: Cornell University, INSEAD, WIPO

Date: Septembre 2022.

Note: The index is established on the basis of 132 countries.

To read, to view...

"Industrialization in sub-Saharan Africa: two unexplored avenues of research" - René Gendarme - Mondes en Développement - tome 20, n° 77-78, 1992, pp. 17-19.

In the current economic and social environment, small firms are more efficient, or can be made to be so, than their large-scale production counterparts (private or public) in the use of factors: labor, capital, materials. The category of large modern firms generally operates free of tariff barriers or with subsidies. On the contrary, in the case of micro-units, the cost of production (...) may be lower than in larger firms. (...)

<https://www.cairn.info/revue-mondes-en-developpement-2022-1-page-165.htm>

Mossadeck BALLY, CEO of Azalaï Group, in Paris at the 5th AIFA: **"Companies have a perception of the Africa risk much higher than the risk itself"** - Interview AfricaPresse - 03/06/2022

<https://www.africapresse.paris/Mossadeck-BALLY-PDG-du-Groupe-Azalai-a-Paris-au-Ve-AIFA-Les-entreprises-ont-une>

"The transatlantic partnership in Africa" - Atlantic Council - 16/06/2022

<https://www.atlanticcouncil.org/event/the-transatlantic-partnership-in-africa/>

CMAAP 4 on June 28: "Prelude to TICAD 8: **Review and Prospects of Japanese Cooperation in Africa**

<https://www.africapresse.paris/REPLAY-de-notre-CMAAP-4-du-28-juin-Prelude-a-la-TICAD-8-bilan-et-perspectives>

Report: "**Africa Green Growth Readiness Assessment**" - African Development Bank/Global Green Growth Institute: Climate change is already having a disproportionate impact on Africa and will continue to do so, primarily by affecting sectors that are critical to the livelihoods of vulnerable communities, such as agriculture, forestry, and fisheries. Protection of natural areas and access to energy and quality infrastructure remain challenges in many countries on the continent, particularly in sub-Saharan Africa. The green growth approach is seen as a viable model for achieving resilient and climate-friendly growth that ensures sustainable consumption and production patterns.

<https://www.afdb.org/en/documents/africa-green-growth-readiness-assessment>

"**Africa: The Next Eden for Investors: What Developments?**" - Amegee Ray - 09/21/2022 - The Tribune.

While most of the world's economies are integrating into globalization, the African continent is characterized by poorly industrialized territories, an economic model largely based on raw material rents, the importance of the grey economy and informal networks, and a difficulty in building a common and solid regulatory framework.

<http://observatoire-europe-afrique-2030.org/wp-content/uploads/2022/09/La-Tribune-Afrique-prochain-eden...-210922.pdf>

"**Development Dynamics in Africa 2022: Regional Value Chains for Sustainable Recovery**", AUC, Addis Ababa/OECD Publishing, Paris - 280 pages.

This report draws lessons from the experiences of the five regions of the African continent to develop policy recommendations and share good practices across the continent. It seeks to explain how regional value chains can accelerate the productive transformation of African countries. The analysis focuses on areas where private and public actors can support regional value chains in the implementation of the AfCFTA. Five regional value chain integration analyses are explored in depth: 1/ : The automotive industry in Southern Africa; 2/ : The wood industry in Central Africa; 3/ : The agribusiness industry in East Africa; 4/ : The energy sector in North Africa; 5/ : The agribusiness industry in West Africa.

<https://doi.org/10.1787/f92ecd72-fr>

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