



REPUBLIC OF GUINEA

WORK – JUSTICE – SOLIDARITY

Mineral Potential and Mining Investment Opportunity in Guinea



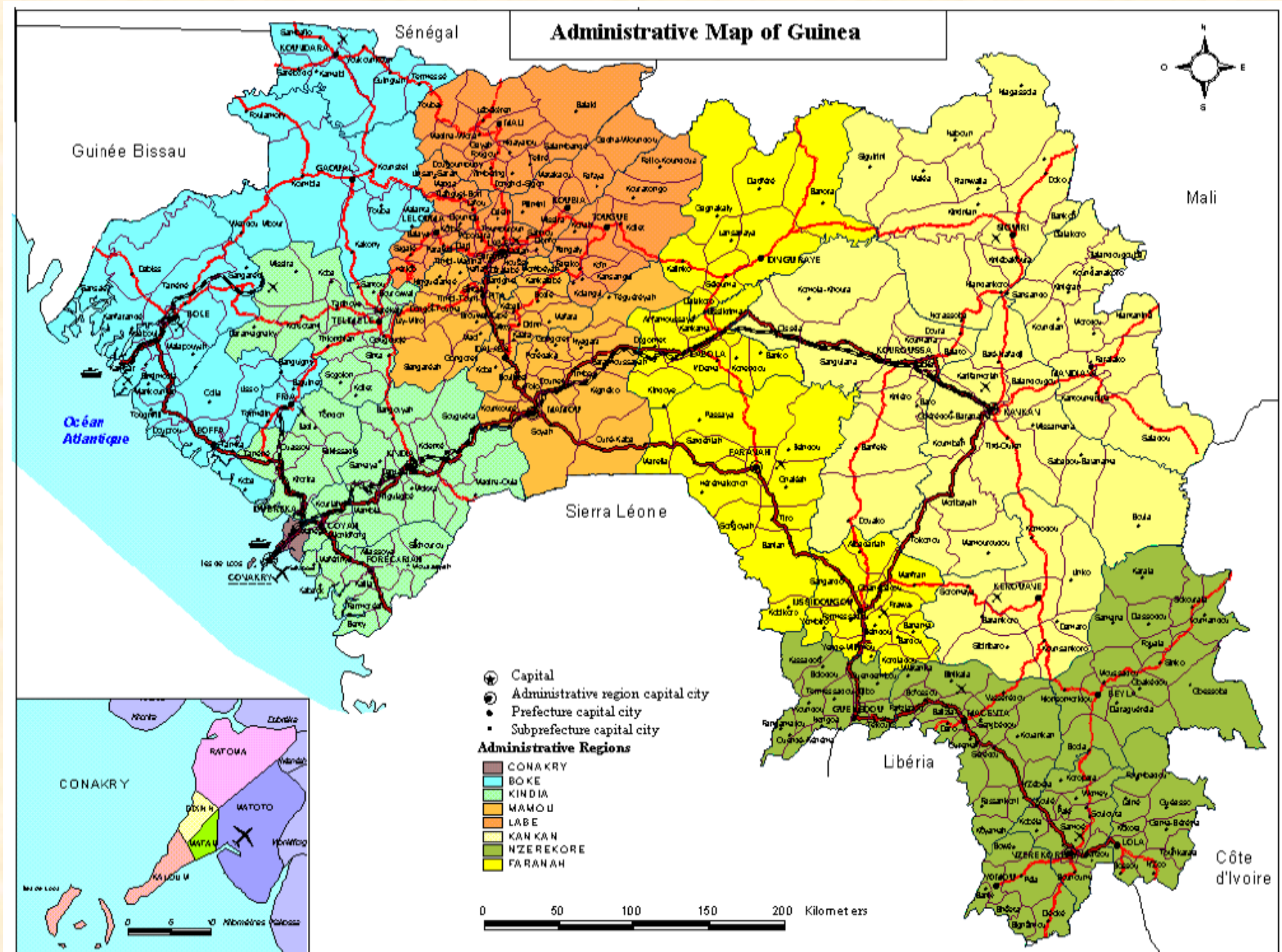
MINISTRY OF MINES AND GEOLOGY



PRESENTATION OF GUINEA

Guinea is a coastal country of West Africa with an area of 245,857km² between 7° and 13° North; 6° and 15° west. It is made up of four natural regions : lower , middle, upper and Forrest Guinea and seven administrative regions plus the special zone of Conakry the capital . The climate is tropical characterised by two seasons:
 Dry season from November to April
 Wet season from May to October
 Hydrography: the hydrography network is well developed and most of the rivers of sub region take their source from Guinea and that is why Guinea is called the water tower of west Africa for instance Niger,

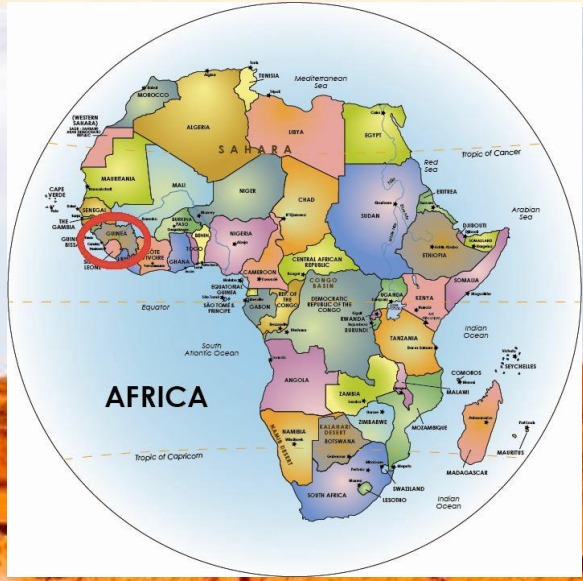
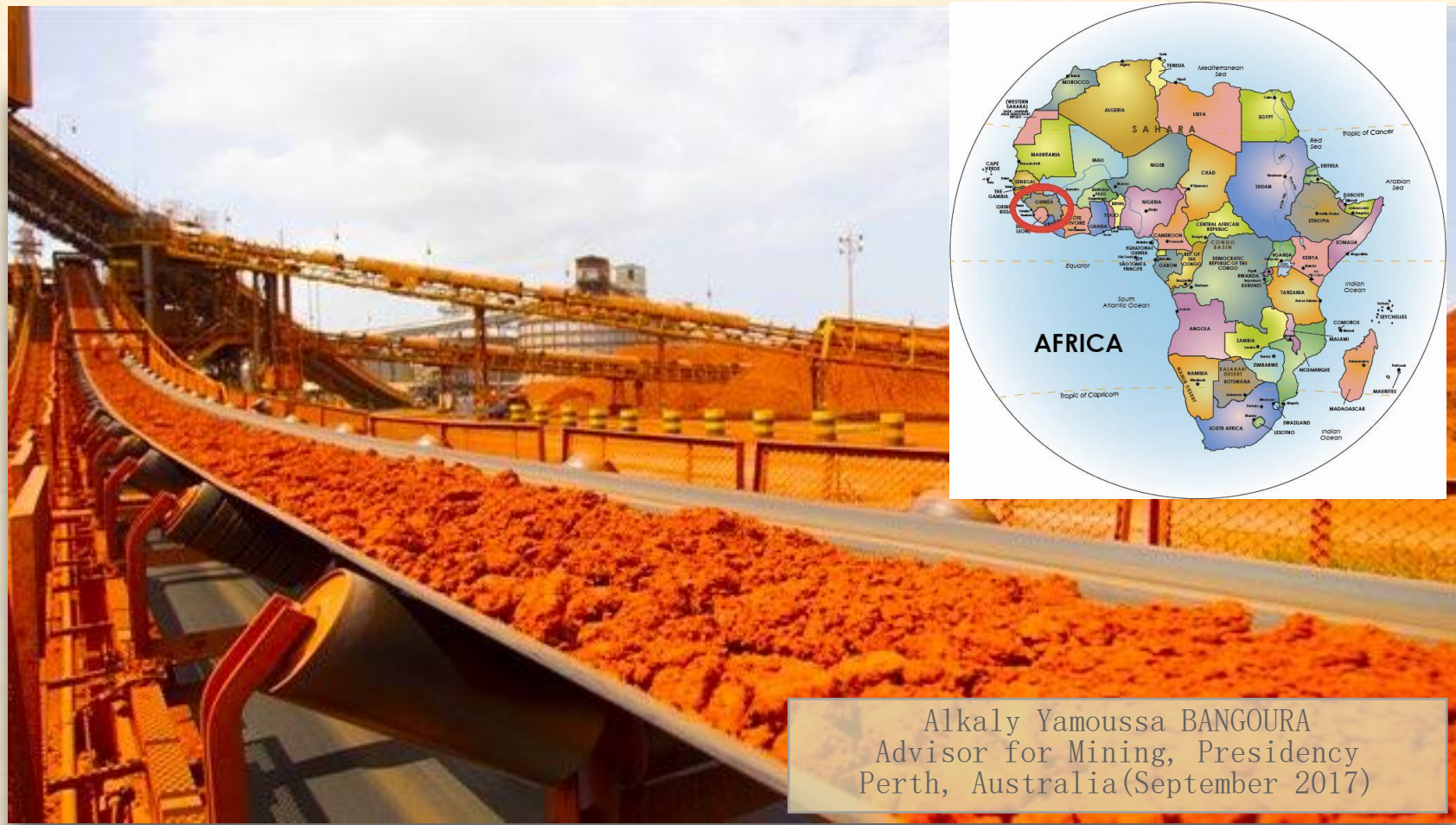
Administrative map of Guinea





THE REPUBLIC OF GUINEA

A World-Class destination for mining investments



Alkaly Yamoussa BANGOURA
Advisor for Mining, Presidency
Perth, Australia (September 2017)



TABLE OF CONTENT

I. MINERAL ENDOWMENT

II. BAUXITE BOOM

III. OPPORTUNITIES IN THE GUINEA MINING SECTOR

IV. REFORMS AND PRIORITIES

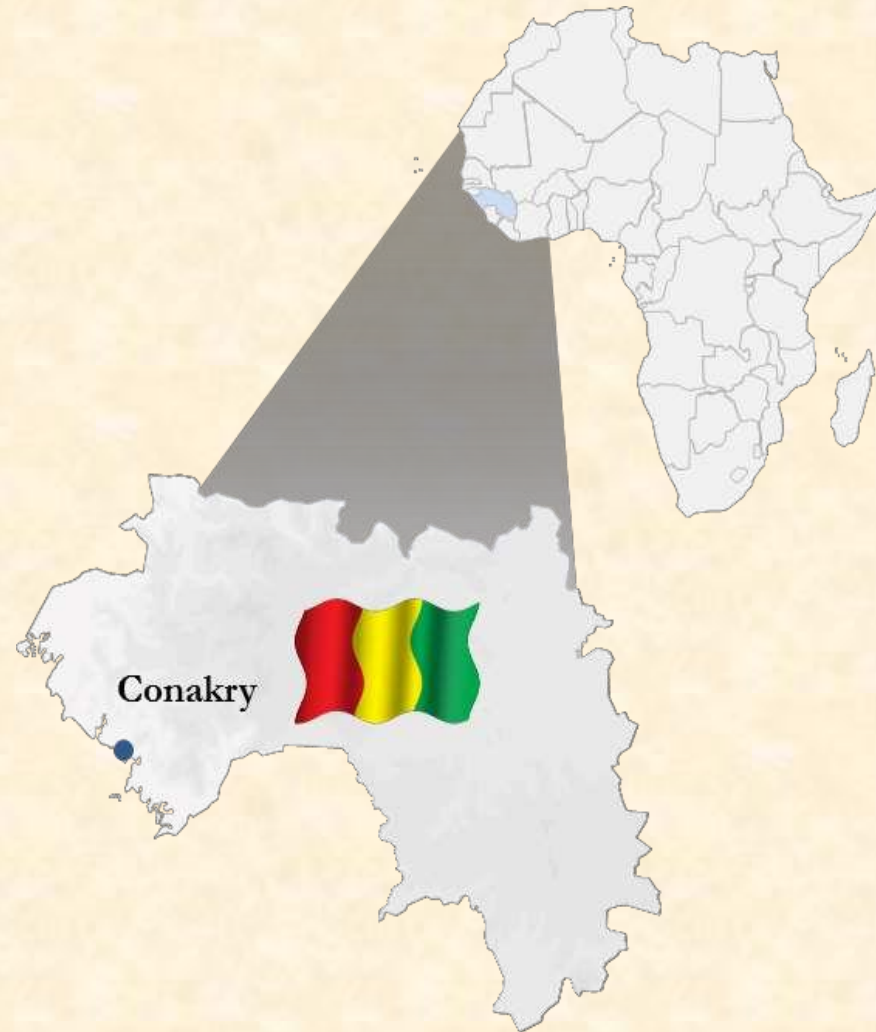


I. MINERAL ENDOWMENT



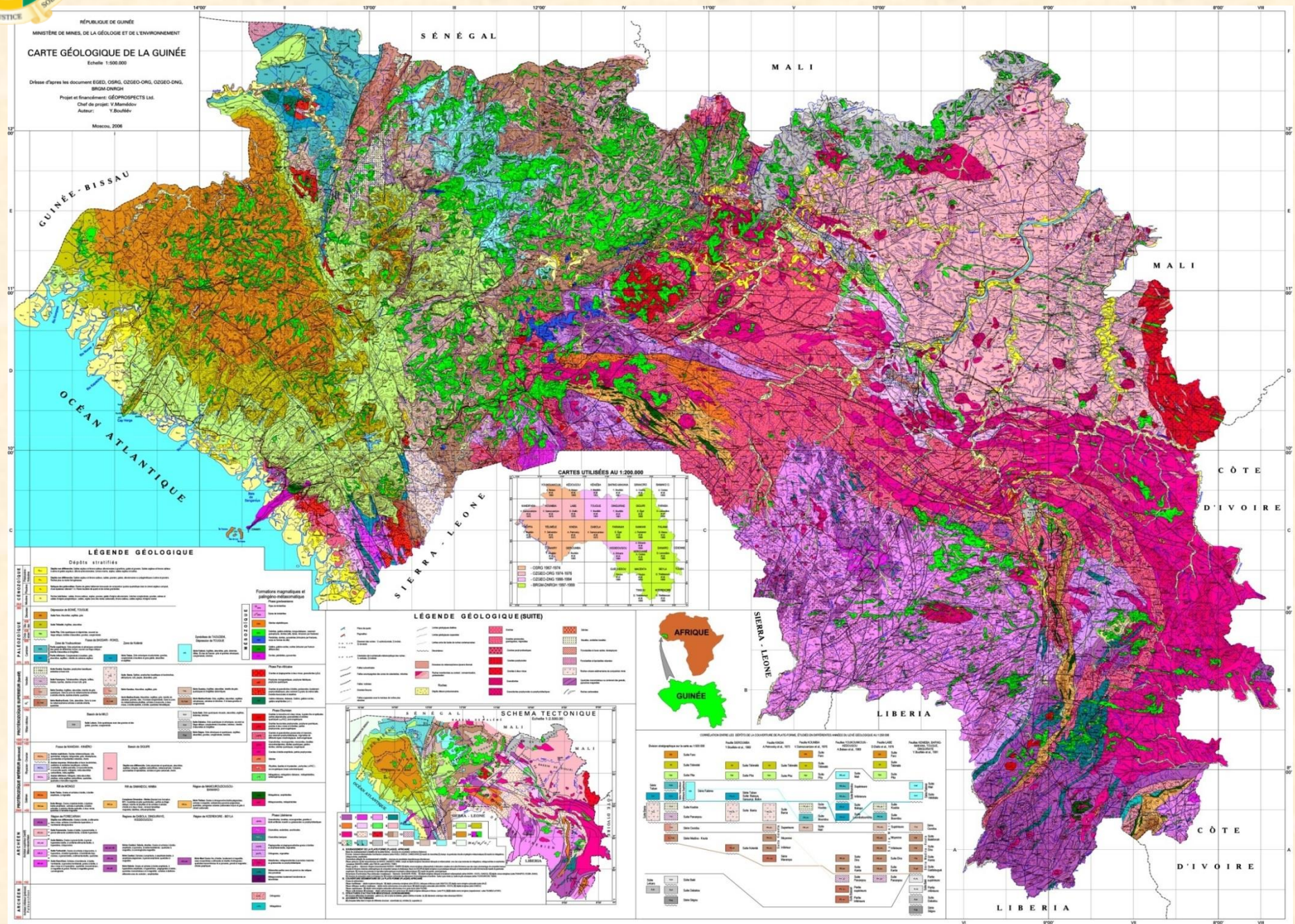
A NATURAL RESOURCE RICH COUNTRY

- Guinea is a natural resource-rich country with tremendous potential in agriculture, hydropower and of course mining (Bauxite, Iron ore, Gold, Diamond...).
- In the last seven years, Guinea has seen its **economy stabilized** and the country opened up to the world.
- Government's actions are focused on attracting massive and **high quality investments** to unlock its tremendous **potential**.





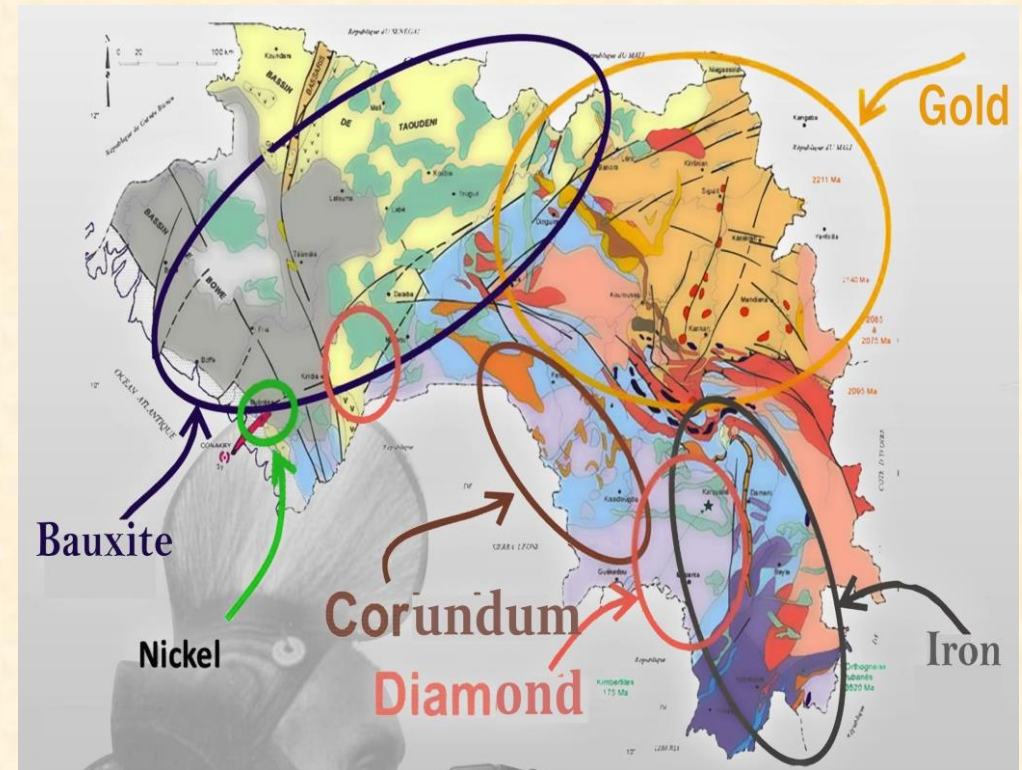
GEOLOGICAL MAP OF GUINEA



THE MINERAL POTENTIAL

A large Potential to Unlock, World-class Deposits :

- **Bauxite:** Guinea holds the world's largest deposits; resources are estimated to be 40 billion tons, with a grade higher than 40%.
- **Iron ore:** Guinea has the largest and best untapped iron ore deposits in the world; 20 billion tons of the world-class reserves (high grade: more than 60%).
- **Gold:** Guinea is one of the top prospective countries for Gold. Reserves of Gold are estimated to be more than 1 000 tons.
- **Diamonds:** 30 million carats, with other untapped primary deposits.
- **Base metals (nickel, copper, cobalt, manganese...):** Existing indicators need to be confirmed by further researches.





MINING OPERATIONS AND PROJECTS (1)

World-renowned companies are operating in Guinea



Many other companies are coming into the country and developing projects



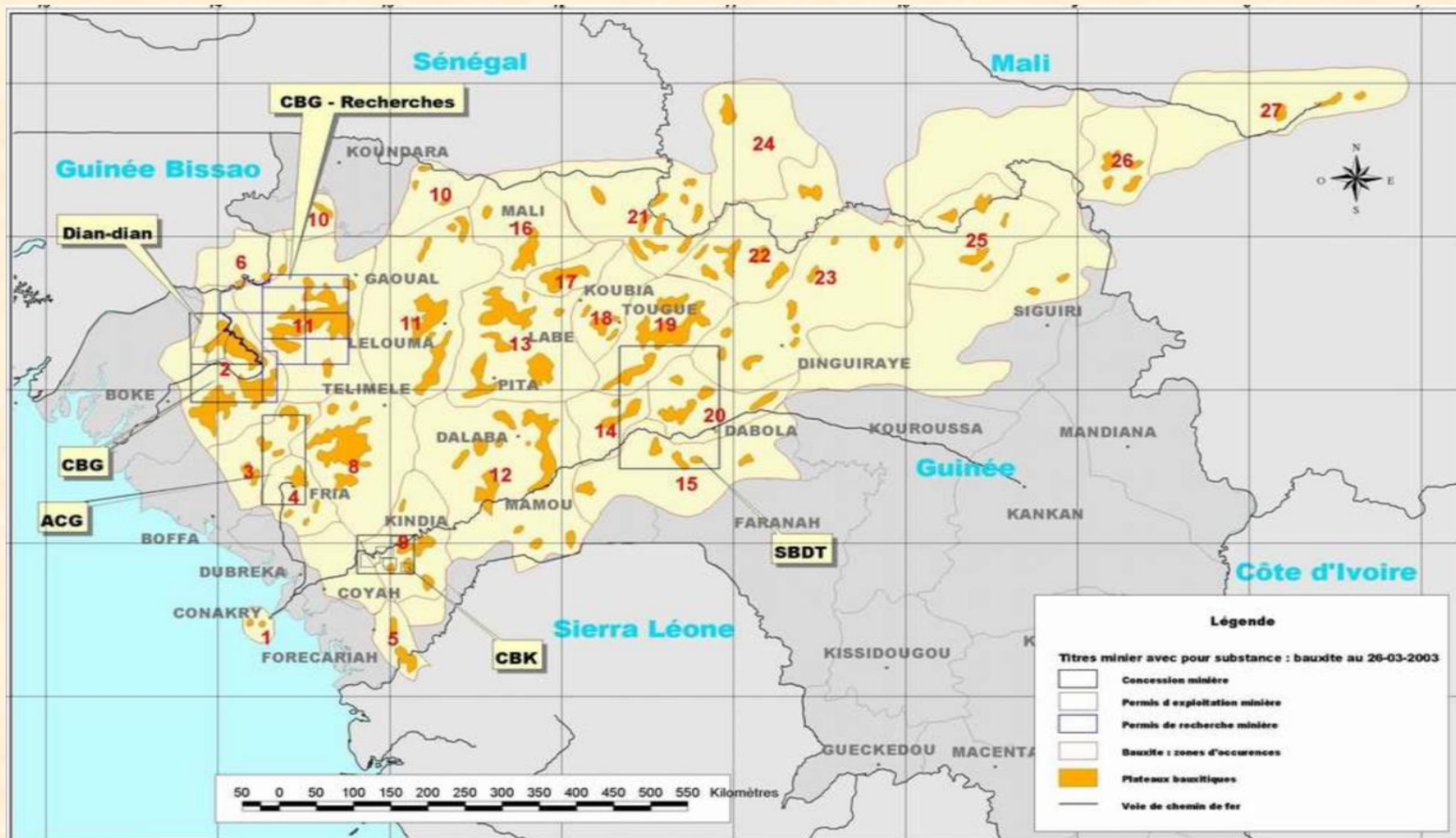
IMD SBG



II. BAUXITE BOOM

TRANSFORM POTENTIAL INTO REALITY

- 1/3 of World reserves of bauxite with a relatively high alumina content, of 40% to over 50%.
- Bauxite deposits do not require complex extraction techniques

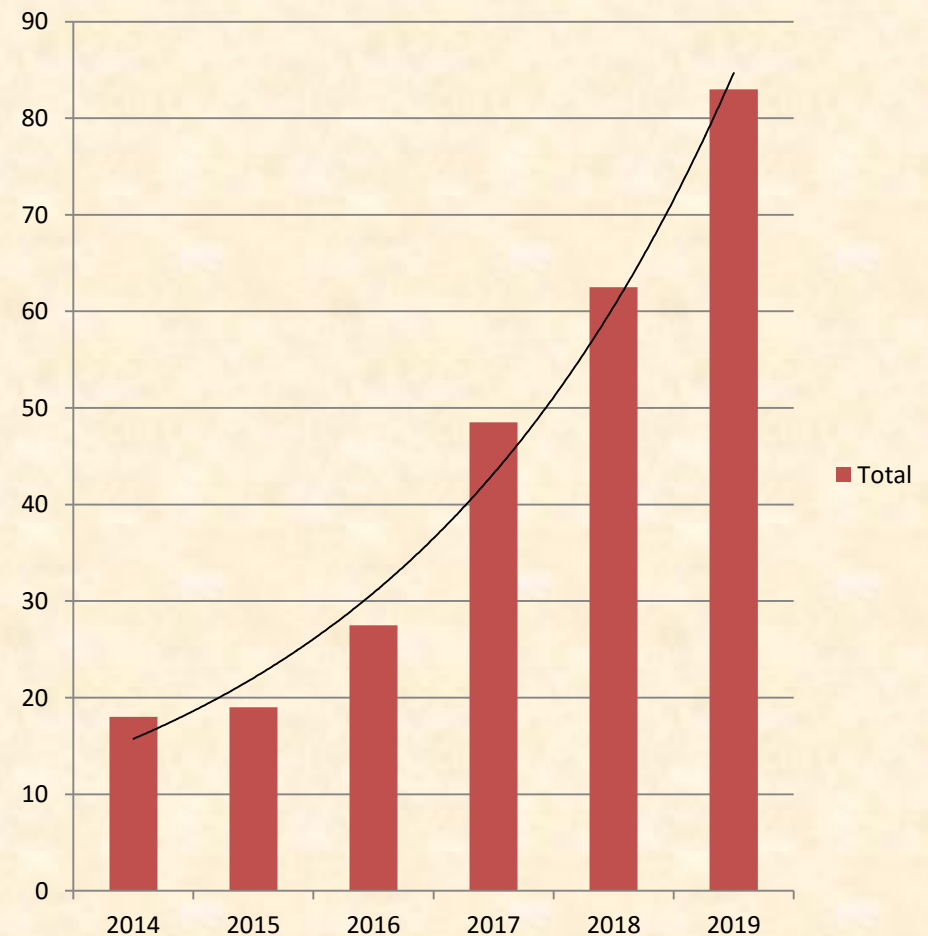


FROM BAUXITE EXPORTER TO DOMINANT WORLD SUPPLIER

The government goal is to produce more than 30.5million tons year- to- date and more than 80 to 100 million tons by 2020;

- Compagnie de Bauxite de Guinée (CBG) has started the first phase of its 1bn extension project in 2016
- Guinea Alumina Company, an EGA subsidiary is building a 1bn mine in Guinea. First samples have been exported in December 2016
- Alufer raised 240 millions US \$ in 2016 to develop the Bel Air Mine in the Northeastern region of the country
- Other major projects include those of SMB, AMC, Henan Chine, Rusal, etc.

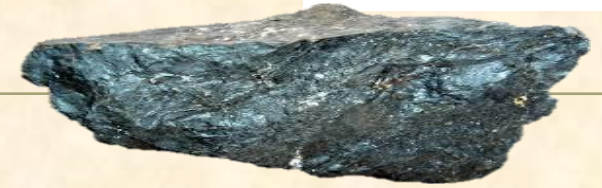
Evolution Of Bauxite Production



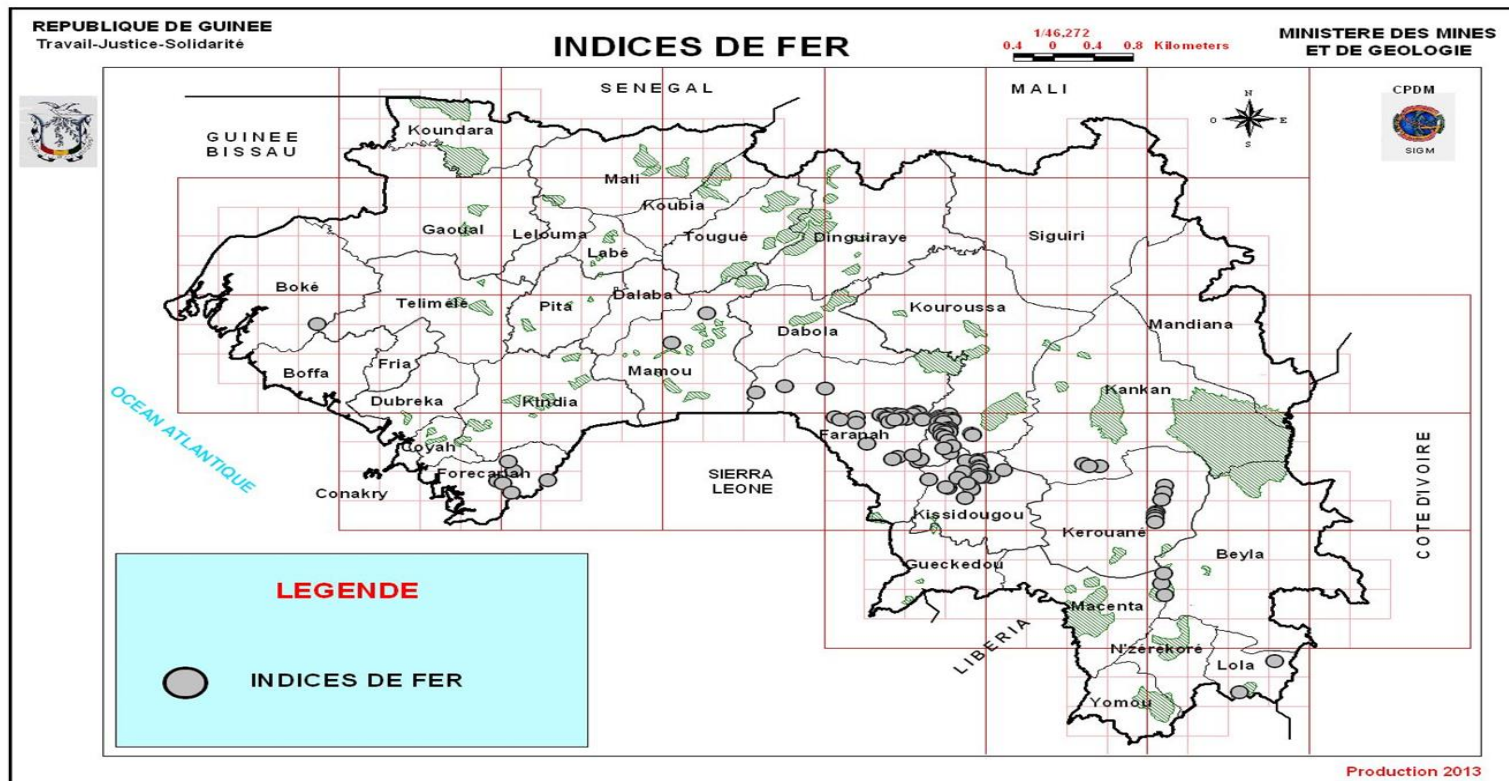


III. OTHER OPPORTUNITIES IN THE GUINEAN MINING SECTOR

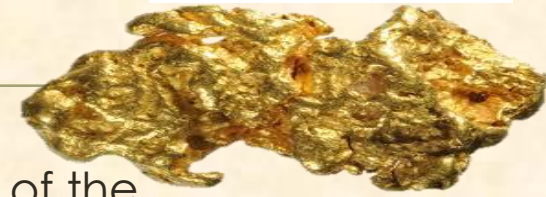
IRON ORE



- Some of the best untapped iron ore deposits: Simandou North, Nimba, Zogota, others.
- High grade deposits > 60% iron content
- Infrastructure

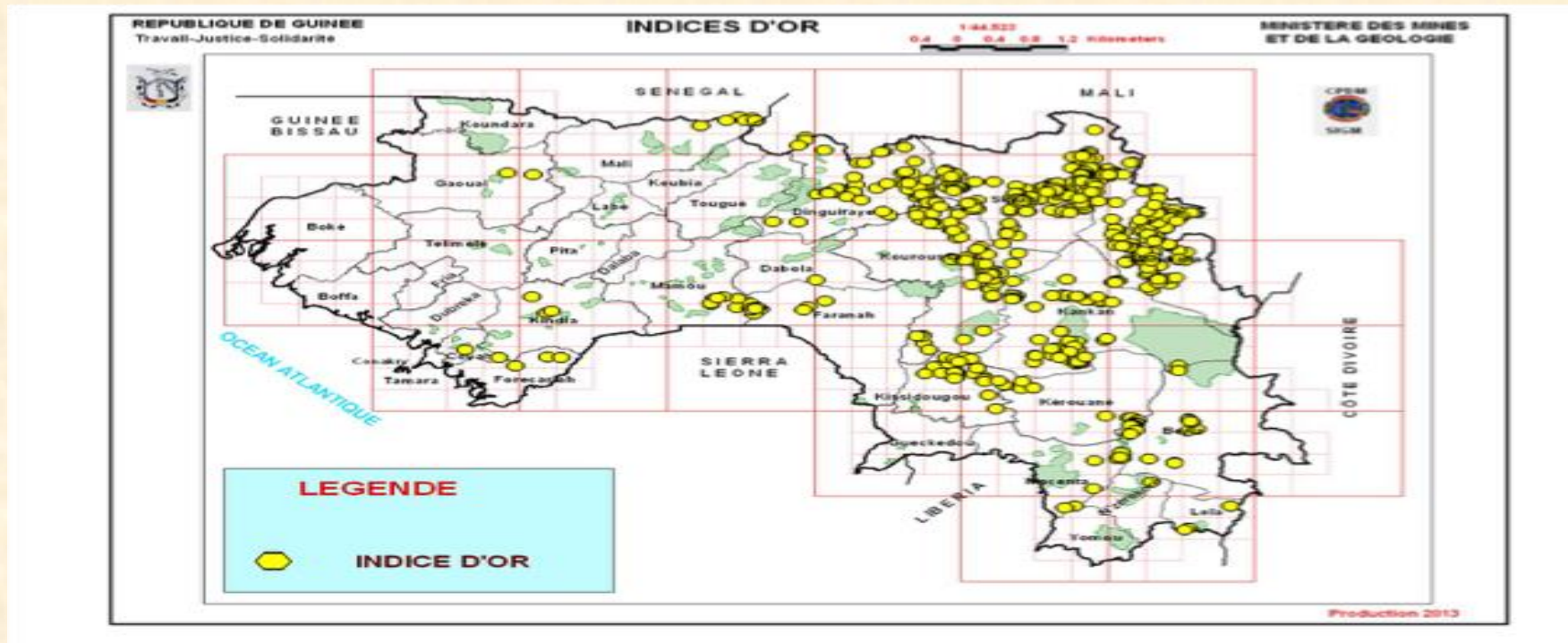


GOLD Available and unexploited gold zones



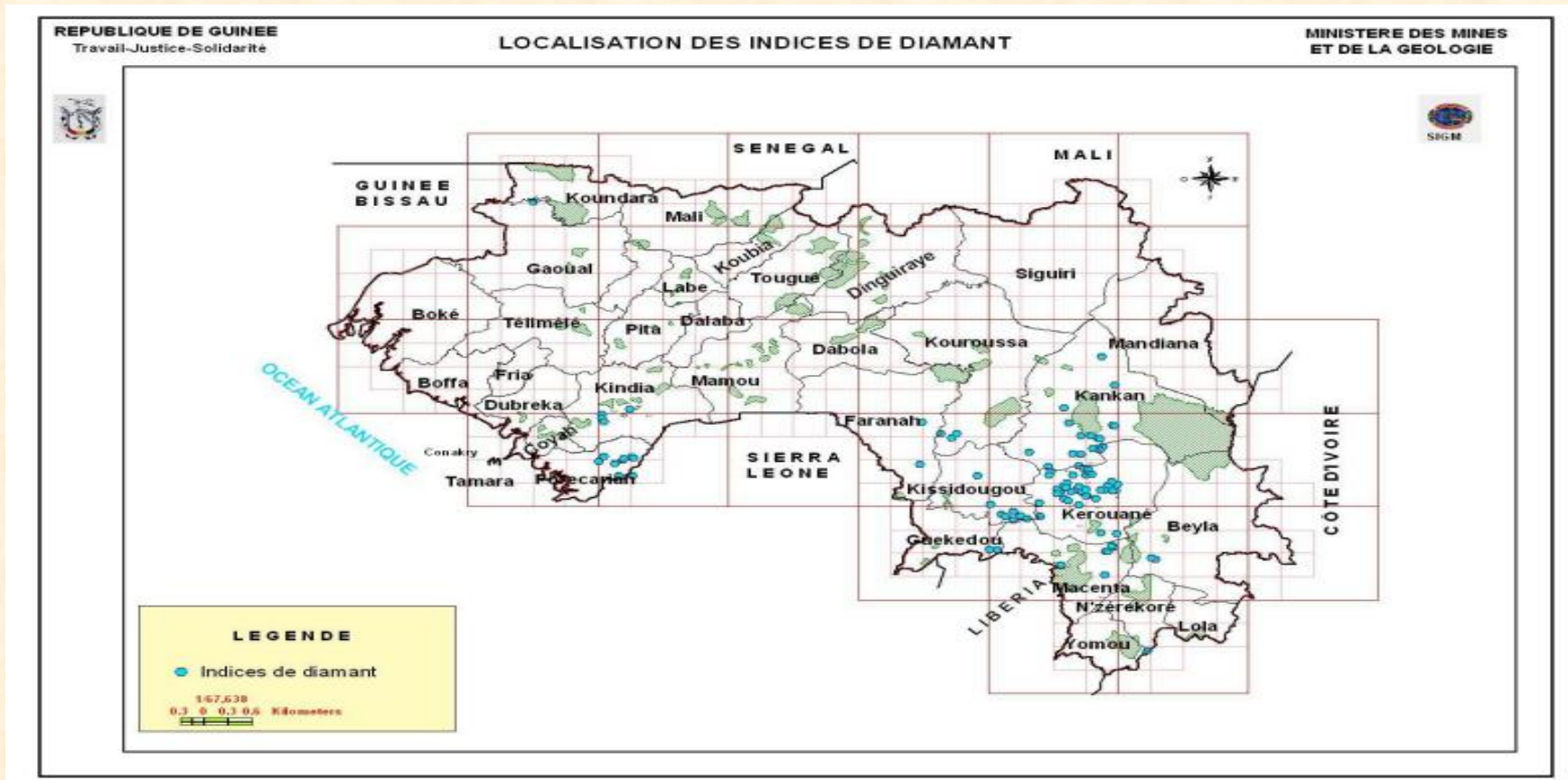
The gold potential is estimated at hundreds of tons. The foundation of the mining code, the high price of gold and the dynamism in world mining exploration up to 2005 led many foreign companies to settle in guinea,

- All the Guinean gold mines are open pit exploitation
- Host world class deposits (Siguiri, Lero, Mandiana)
- The Birrimian gold belt still has to unlock its full potential
- Gold producer for a thousand years



DIAMOND

- Primary and Secondary Deposits
- The primary deposits: Kymberlite (unexplored)
- Secondary deposits: current source of artisanal diamonds



OIL

The results of the works done in the basin of MSGBC (Mauritania, Senegal, Gambia, Guinea Bissau and Guinea) have shown in whole that

these countries possess a real potential of hydrocarbon substances or at

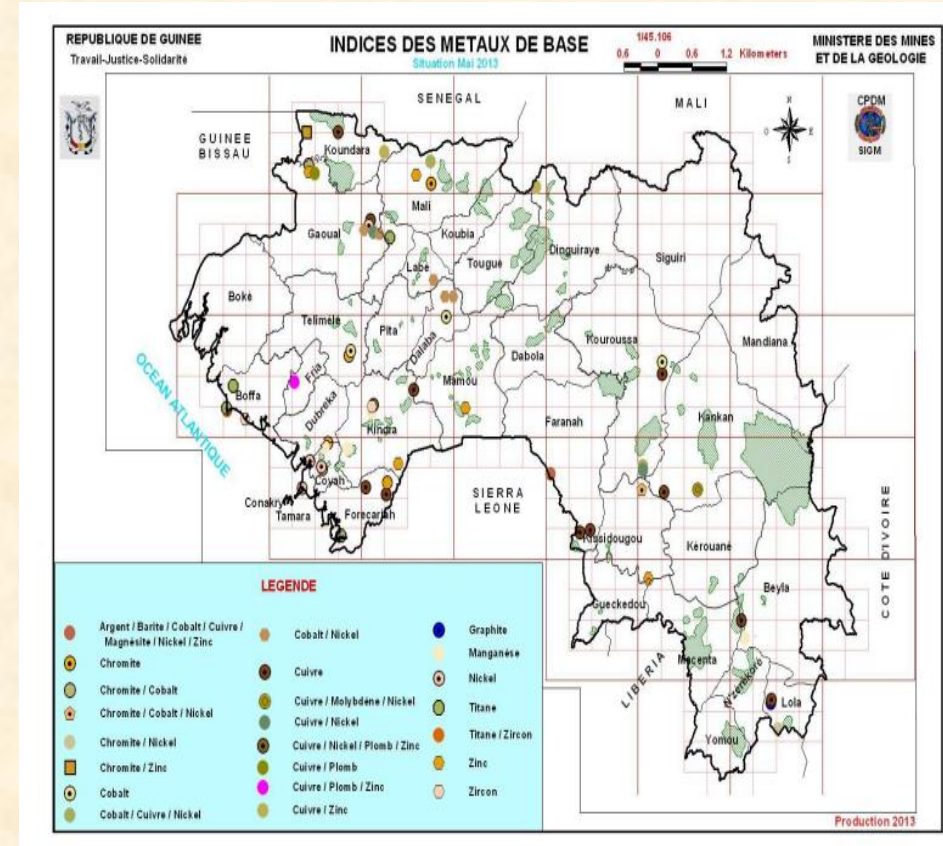
least the bedrock, the reservoirs and the coverage exist in all the sub-region.

For Guinea no significant results by lack of prospectus.

But Hyperdynamic has started the first drilling hole last month (October 2011).

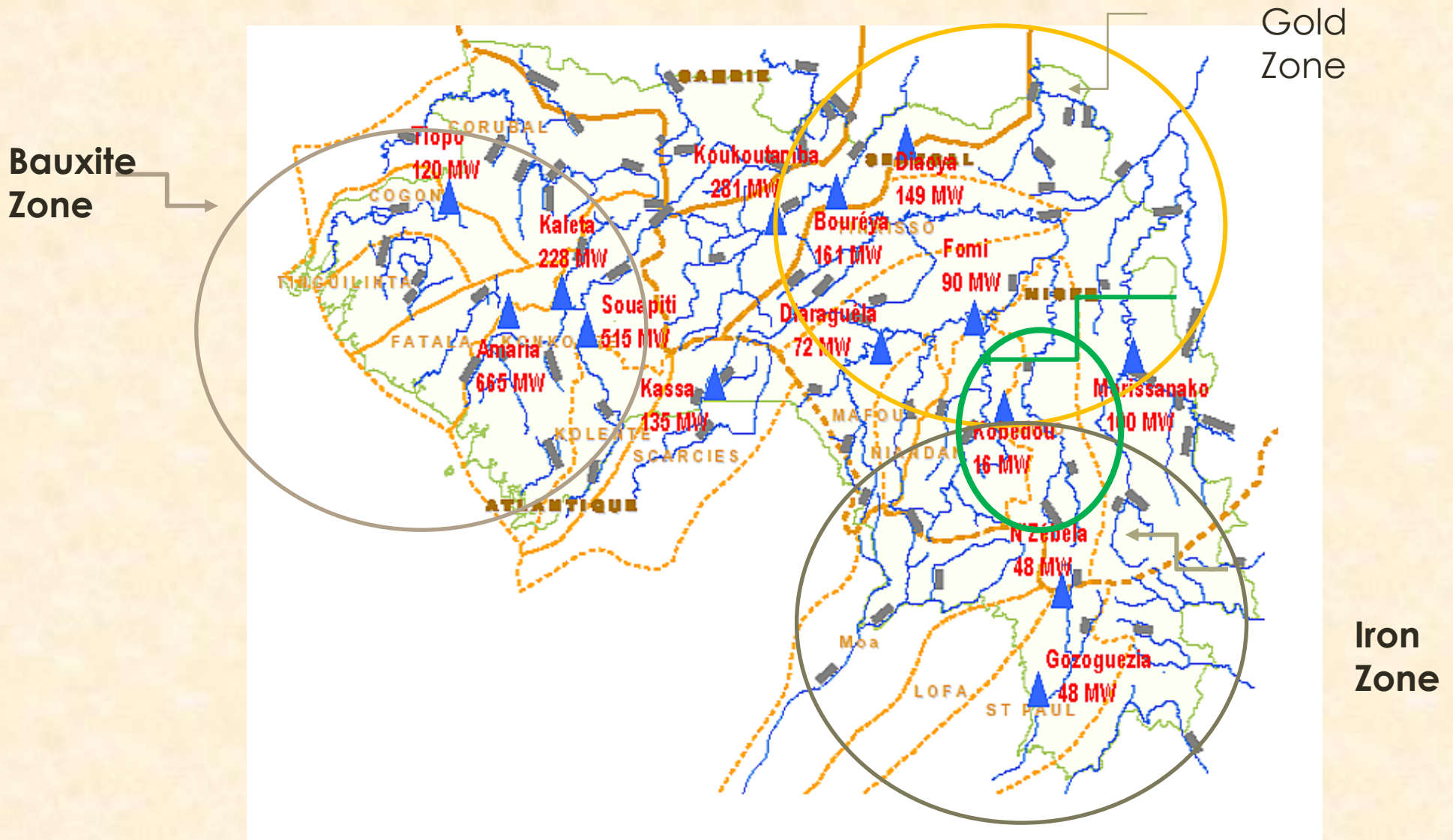
OTHER RESOURCES

- **Uranium:** Kissidougou-Kérouané-Mali
- **Base metals** (nickel, copper, cobalt, manganese...): Good indicators in the Kakoulima mountains, Koundara, Boffa, Kissidougou-Faranah
- **Rare Earths:** Some serious indicators have been pointed out by geologists in many areas of Guinea particularly Macenta-Kissidougou-Kérouané
- **Graphite:** Good indicators are known in Nzerekoré , Lola, Kankan and Yomou



BEYOND THE MINING OPPORTUNITIES: MINING AND ENERGY

Guinea, as the water tower of West Africa, has a **great potential for hydroelectric power** that may help process some of the mining products, such as bauxite into alumina or even aluminum and supply the sub region.



IV. REFORMS AND PRIORITIES

POLITICAL AND ECONOMIC REFORMS

Guinea is in the strongest political and economic condition in its history.

Political Stability

The country's first democratic elections were held in 2010 and since then :

- Members of the Parliament were elected in 2013
- The army and security forces have been reformed to normalize the security situation
- The President was peacefully re-elected in 2015

Macro-economic stability

- Growth rate: 0% in 2015, 5,2% 2016 (> 6.2 % growth forecasted by the IMF).
- Inflation rate: 22% in 2011, 8.2 % in 2016
- The IMF 8th review under the Extended Credit Facility (ECF) was successfully concluded in September 2016

REFORMS IN THE MINING SECTOR(1)

Reforms are being implemented to make the Guinean mining sector more attractive and transparent :

- A mining code with a competitive tax system
- A master plan to mutualize infrastructure to reduce the costs associated with mining projects
- A one-stop shop dedicated to mining projects: launched in June 2016 is now fully operational and delivering licenses



REFORMS IN THE MINING SECTOR (2)

- A **modernized mining cadaster** launched in Sept 2016, provides real time information on mining licenses : <http://guinea.miningcadastre.org>
 - Delays to obtain mining permitting have been cut substantially with the new cadastral procedures
- A local content policy setting a clear framework adopted
- A fully operational National Mining Commission has been appointed to increase transparency
- The Responsible Mining Development Initiative is being implemented
- (Community Development / Environmental Study/ Local Content/ Infrastructure Sharing/ Energy/ Fair Revenue Sharing ...)

PRIORITIES (1)

MAKING GUINEA A TOP MINING DESTINATION

- Extending geological survey throughout the country to improve geoscientific data to better define the mineral potential
- Providing full support to the development of mining projects
- Diversifying mineral production
- Boosting Gold Production
- Attracting new investors for a better assessment of the country's mineral deposits through Public-Private Partnerships

PRIORITIES (2)

- Keep improving the business environment by implementing the provisions of the mining code and pursuing the ongoing reforms to better respond to investors needs
- Building internal capacities within the Ministry of Mines and Geology
- Improving and strengthening the dialogue between stakeholders through local content and community development
- Promoting local transformation of minerals

THEY TRUST GUINEA MINING SECTOR



UNITED LOAN GUARANTEE (UFG GERMANY)



KEY WEBSITES

1 Stop Shop

www.licences.mines.gov.gn

Guinea Mining Cadastre Website

www.guinea.miningcadastre.org

Ministry of Mines and Geology Website

www.mines.gov.gn

THANK YOU