

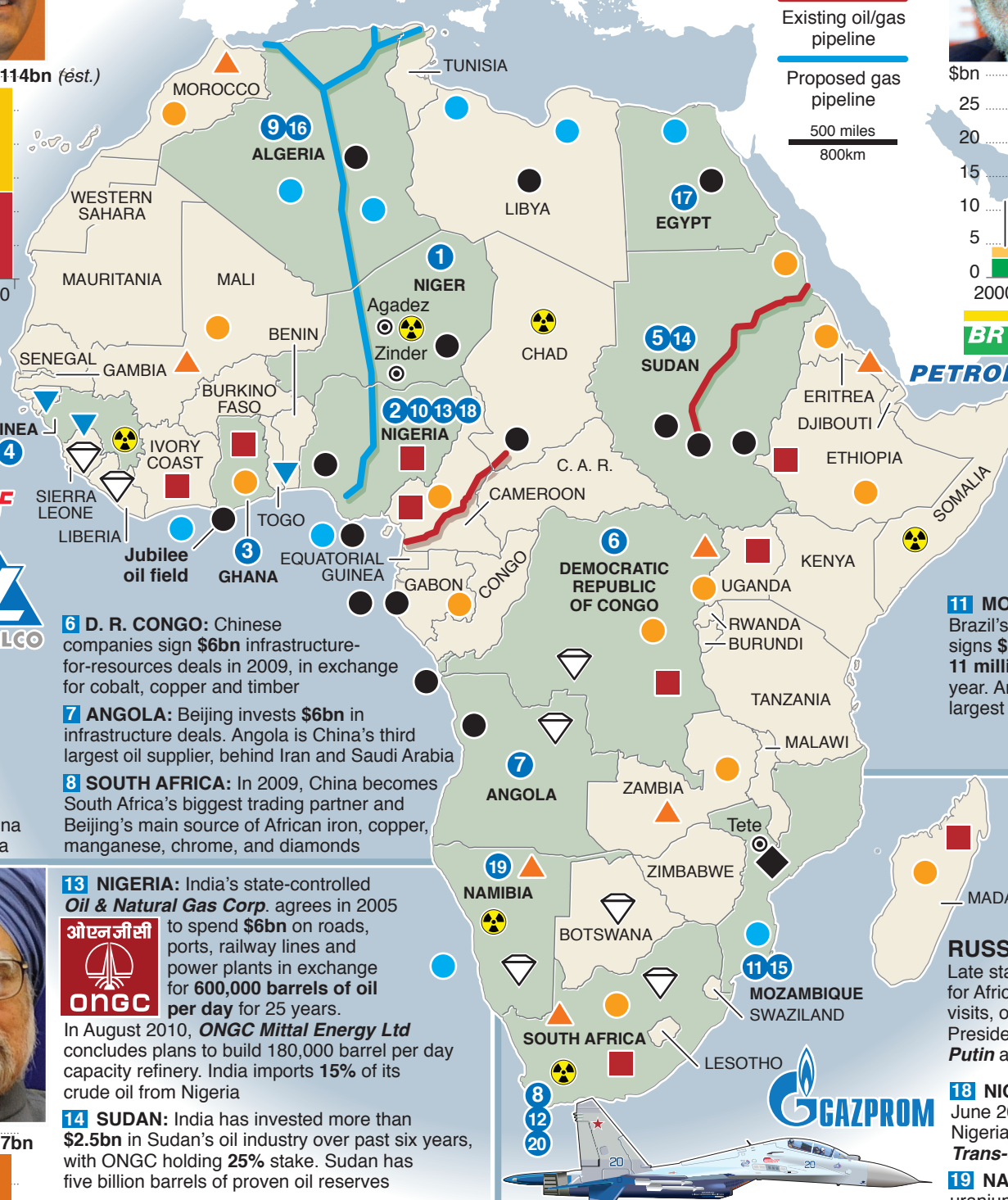
The new scramble for Africa

The so-called "scramble for Africa" at the end of the 19th century saw all but two of the continent's nations colonized by European powers. Now, the BRIC quartet of Brazil, Russia, India and China are intent on making their respective marks on the continent, but the end goal remains the same – access to Africa's coveted natural resources

● Oil ◆ Coal ■ Timber ▼ Bauxite ● Gas ● Gold ▲ Copper ◆ Diamonds ☢ Uranium

Existing oil/gas pipeline
Proposed gas pipeline

500 miles
800km

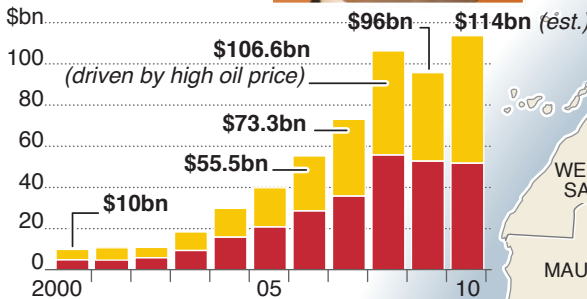


CHINA

President **Hu Jintao** has made four trips to Africa since taking office in 2002

China-Africa trade

Exports to China
Imports from China



1 NIGER: Chinese state-owned **CNPC** oil giant strikes **\$5bn** deal in 2008 to construct refinery at **Zinder** with capacity of 20,000 barrels per day, and 2,000km pipeline to ship oil to coast. China's state-owned uranium firm, **SINO-U**, invests **\$300m** in uranium mine near **Agadez**

2 NIGERIA: In 2009 **CNOOC**, China's biggest offshore oil and gas producer, signs **\$50bn** deal to buy **6 billion barrels of oil** – one-sixth of Nigeria's reserves. In May 2010 Beijing signs **\$23bn** agreement with Abuja to build three oil refineries

3 GHANA: China makes loans of **\$12.87bn** for infrastructure development while **CNOOC** bids **\$5bn** for stake in 1.8-billion barrel **Jubilee oil field**

4 GUINEA: **Aluminum Corp of China Ltd (Chalco)** invests **\$1.35bn** to develop largest iron ore mine outside Australia and Brazil

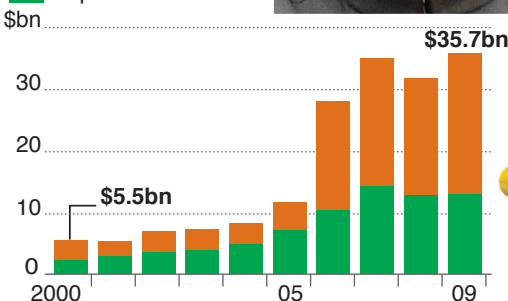
5 SUDAN: Sends **60%** of its oil output to China via 1,600km Chinese-built pipeline to Red Sea

INDIA

Premier **Manmohan Singh** has visited Africa three times since 2004

India-Africa trade

Exports to India
Imports from India



13 NIGERIA: India's state-controlled **Oil & Natural Gas Corp.** agrees in 2005 to spend **\$6bn** on roads, ports, railway lines and power plants in exchange for **600,000 barrels of oil per day** for 25 years.

In August 2010, **ONGC Mittal Energy Ltd** concludes plans to build 180,000 barrel per day capacity refinery. India imports 15% of its crude oil from Nigeria

14 SUDAN: India has invested more than **\$2.5bn** in Sudan's oil industry over past six years, with **ONGC** holding **25%** stake. Sudan has five billion barrels of proven oil reserves

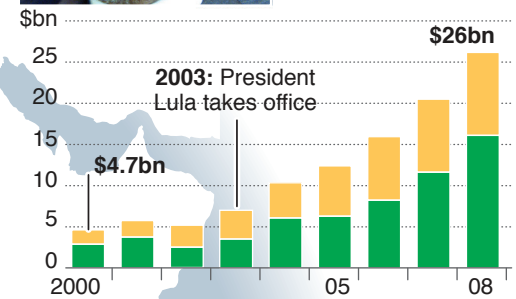
15 MOZAMBIQUE: Coal mined around **Tete** is supplying fuel-starved Indian power stations. More than 40 top level Indian companies are operating in Africa, ranging from automobile industry to telecommunications and pharmaceuticals

BRAZIL

Outgoing President **Lula da Silva** made nine trips to Africa while in office

Brazil-Africa trade

Exports to Brazil
Imports from Brazil



9 ALGERIA: Brazil's state-run **Petrobras** begins oil exploration in 2003 and starts importing liquefied natural gas in 2008. Last year trade with Brazil topped **\$3.1bn**

10 NIGERIA: **Petrobras** invests **\$2.5bn** and plans further **\$2bn** in oil exploration and production over next five years. Brazil has stakes in three Nigerian oil fields and extracts 185,000 barrels per day. Last year trade with Brazil reached **\$7.7bn**

11 MOZAMBIQUE: Brazil's mining giant **Vale** signs **\$1.3bn** deal to extract **11 million tonnes** of coal per year. Area around **Tete** contains one of world's largest untapped coal reserves

12 SOUTH AFRICA: Value of Brazilian imports reaches **\$2.52bn** in 2009

RUSSIA

Late starter in scramble for Africa with just two visits, one each by Presidents **Vladimir Putin** and **Dmitry Medvedev**, in 2006 and 2009

18 NIGERIA: Deal with **Gazprom** signed in June 2009 to link vast natural gas reserves in Nigeria to Europe via proposed 4,128km-long **Trans-Sahara Gas Pipeline**

19 NAMIBIA: **Rosatom** starts exploring for uranium in 2007. One of its fields could yield between 20,000 and 30,000 tonnes of uranium

20 SOUTH AFRICA: Moscow agrees in August 2010 to supply South Africa's **Koeberg nuclear power plant** with enriched uranium until 2017. Deal increases Russian control of South Africa's uranium market to **45%**