



ACT's climate strategy hopes to reduce emissions

The Australian Capital Territory (ACT) is planning to phase out natural gas, electrify Canberra's bus fleet, and implement incentives for purchasing electric cars.



The ACT government has outlined its climate strategy for the period between 2019-25, presenting a clear focus on electrification in transport.

Andrew Barr, the ACT Chief Minister, said that the plan focuses on environmental targets as the territory hopes to cut 1990 emission levels by 50-60 per cent by 2025, and transition to net zero emissions by 2045.

By Intelligent Transport

18 September 2019

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Australian Capital territory
(ACT)

RELATED PEOPLE

Andrew Barr

Today's motivating question

How do natural resources affect a country's political and economic stability?



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▼ BABA +4.42%

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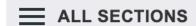
HOME > EXECUTIVE LIFESTYLE

Disappointing stories reveal what it's really like to win the lottery

Katie Canales Updated Mar 22, 2019, 5:34 AM



- Andrew Jackson Whittaker. Jeff Gentner/AP
 - Lottery players everywhere dream of hitting a multimillion-dollar jackpot with a winning ticket.
 - But there's a dark side to coming into a windfall of sudden wealth if you're not careful.











THE DEBATE | OPINION

Afghanistan's Mineral Resources Are a Lost Opportunity and a Threat

Without a coherent strategy, Afghanistan's vast mineral resources represent both a lost opportunity and a threat to national security.

By **Ahmad Shah Katawazai**

February 01, 2020











"We are at risk of the curse of plenty, [the] curse of resources."

— President Ashraf Ghani

Torn by four decades of war and desperate poverty, Afghanistan is believed to be sitting on one of the richest troves of minerals in the world. The value of these resources has been roughly estimated between \$1-3 trillion.



Credit: Freestock.ca

Afghanistan has vast reserves of gold, platinum, silver, copper, iron, chromite,

lithium, uranium, and aluminium. The country's high-quality emeralds, rubies, sapphires, turquoise, and lapis lazuli have long charmed the gemstone market. The United States Geological Survey (USGS), through its extensive scientific research of minerals, concluded



■ Menu

Weekly edition

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Finance & economics | Economics focus

The devil's excrement

Is oil wealth a blessing or a curse?

May 22nd 2003





THREE decades ago, the Organisation of Petroleum Exporting Countries (OPEC) sent oil prices rocketing. By 1980, a barrel cost \$30, ten times the price in 1970. Consumers suffered, whereas oil producers reaped an enormous windfall. Many assumed then that oil was a gift of God that would transform poor countries into flourishing economies within a generation. Yet even during those heady early days there were doubts. Juan Pablo Pérez Alfonso, a founder of OPEC, complained in 1975: "I call petroleum the devil's excrement. It brings trouble...Look at this *locura*—waste,



An Atlantic horseshoe crab lies on the beach in Stone Harbor, New Jersey, not far from Delaware Bay.

PHOTOGRAPH BY JOEL SARTORE, NAT GEO IMAGE COLLECTION

ANIMALS | CORONAVIRUS COVERAGE

Horseshoe crab blood is key to making a COVID-19 vaccine—but the ecosystem may suffer.

Conservationists worry the animals, which are vital food sources for many species along the U.S. East Coast, will decline in number.

5 MINUTE READ









PUBLISHED JULY 2, 2020

BY CARRIE ARNOLD

Each spring, guided by the full moon, hundreds of thousands of horseshoe crabs clamber onto beaches across the U.S. mid-Atlantic to lay their eggs. For hungry birds, it's a cornucopia. For drug companies, it's a crucial resource for making human medicines safe.

Source: https://www.nationalgeographic.com/animals/2020/07/covid-vaccine-needs-horseshoe-crab-blood/ pwn natural

Today's puzzle

Having resources is usually considered an asset.

Why then is having natural resources often lead to negative outcomes (e.g. Dutch Disease, the resource curse, civil conflict)?

Course Outline

Week	Summary
Section 1: Defining	g terms, actors, and interests
Week 1	Introduction, course overview, and conflict
Week 2	Economic development and economic instability
Week 3	Political institutions and instability
Week 4	Environmental change and scarcity
Section 2: Causes	
Week 5	Population
Week 6	Migration
	Teaching break (no class)
Week 7	Water
Week 8	Food
Week 9	Natural resources
Week 10	Natural disaster
Section 3: Respons	ses
Week 11	Domestic responses
Week 12	International cooperation

Lecture question #1

Have you ever thought about the **globalized resource chain** that go into making your lives possible?

If so, what resources concern you the most for their negative effects on one of this class' three themes?

If not, why not?

Natural Resources, Conflict, and Conflict Resolution

UNCOVERING THE MECHANISMS

MACARTAN HUMPHREYS

Department of Political Science Columbia University

The interpretation of the resource-conflict link that has become most publicized—the rebel greed hypothesis—depends on just one of many plausible mechanisms that could underlie a relationship between resource dependence and violence. The author catalogues a large range of rival possible mechanisms, highlights a set of techniques that may be used to identify these mechanisms, and begins to employ these techniques to distinguish between rival accounts of the resource-conflict linkages. The author uses finer natural resource data than has been used in the past, gathering and presenting new data on oil and diamonds production and on oil stocks. The author finds evidence that (1) conflict onset is more responsive to the impacts of past natural resource production than to the potential for future production, supporting a weak states mechanism rather than a rebel greed mechanism; (2) the impact of natural resources on conflict cannot easily be attributed entirely to the weak states mechanism, and in particular, the impact of natural resources is independent of state strength; (3) the link between primary commodities and conflict is driven in part by agricultural dependence rather than by natural resources more narrowly defined, a finding consistent with a "sparse networks" mechanism; (4) natural resources are associated with shorter wars, and natural resource wars are more likely to end with military victory for one side than other wars. This is consistent with evidence that external actors have incentives to work to bring wars to a close when natural resource supplies are threatened. The author finds no evidence that resources are associated with particular difficulties in negotiating ends to conflicts, contrary to arguments that loot-seeking rebels aim to prolong wars.

Keywords: civil war; resource-conflict link; resource dependence

1 INTRODUCTION

In early April 1975, President Tombalbaye of Chad appealed on national radio for popular vigilance, warning that members of the army were plotting a coup against him. He explained that if anyone wanted to know why a coup was being plotted, the answer lay with the oil in the Doba fields in the south. This appeal turned out to be Tombalbaye's last public address. On April 13, he was killed during Chad's first suc-

AUTHOR'S NOTE: My thanks to Nicholas Sambanis, Iain Lustik, Robert Bates, Doron Hadass, Bryan Graham, David Hecht, Michael Ross, Jim Fearon, Habaye ag Mohamed, and Jeremy Weinstein for generous help with ideas and with data and to Brendan McSherry for terrific research assistance.

DOI: 10.1177/0022002705277545 © 2005 Sage Publications

JOURNAL OF CONFLICT RESOLUTION, Vol. 49 No. 4, August 2005 508-537

Great abstract

Great introduction

example, describes externalities of the extraction process itself in Aceh and Papua New Guinea such as environmental damage and loss of land rights. Or finally, natural resource wealth may be seen as more unjustly distributed than other wealth—as has been claimed in Sierra Leone and Nigeria. In Niger, the insurgent groups stressed not just that the north received little investment from the political center in the south but also that the south relied economically on revenues gained from the uranium wealth of the north, with no visible returns to the north. Such are the fears presently in Chad: with no expectation that any of the oil revenues will accrue to their region, local leaders in the Doba area have petitioned to the oil corporations for direct compensation, in the form of scooters for each village leader.¹³

The feasibility mechanism. Natural resources could provide a way to finance rebellions that have been started for other reasons, thereby increasing the prospects of success. 14 This can occur either through control of production during conflict, or, in principle, through the sales of booty futures. Insofar as natural resource dependence matters through feasibility effects, it is a "permissive cause" rather than a "root cause" of conflict. Some scholars argue that because motivations for conflict are ubiquitous only permissive causes of this form matter, nevertheless insofar as there is *variation* in motivation, the feasibility explanation implies that there is a need to take account of root causes when responding to conflicts. In principle, there should also be observable differences in the conduct of wars, and of negotiations, between those that are conducted to access resources and those that are financed by resources but conducted to achieve other goals (although of course motivations may change over time).

The weak states mechanism. State structures may be weaker in natural-resource-dependent economies. There are two prominent variants of the argument, both of which focus on the strength of state-society linkages. One variant focuses on the society side of weak society-state relations and holds that when citizens are untaxed by governments, they have less power over them: they may have less information about government activity, weaker incentives to monitor government behavior, and fewer instruments at their disposal to withdraw support from governments; accordingly, resource-dependent states may have little compulsion to respond to the demands of their citizens or create structures that engage their citizens. The implications of these arguments are ambiguous insofar as they may result in greater insulation but less resilience of the state. The second channel focuses on the state side of state-society relations, arguing that governments that rely on natural resources rather than taxation have weakened incentives to create strong bureaucratic institutions.¹⁵ The argument is a

Clear competing explanations

Natural Resources, Conflict, and Conflict Resolution

UNCOVERING THE MECHANISMS

MACARTAN HUMPHREYS

Department of Political Science

Columbia University

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JOURNAL OF CONFLICT RESOLUTION, Vol. 49 No. 4, August 2005 508-537

DOI: 10.1177/0022002705277545 © 2005 Sage Publications

508

^{13.} Formally the Chad deal provides for 5 percent of revenues to be spent in the region of oil extraction in the south. Few in the south believe that the government, dominated by northerners, will implement this deal (interviews with village chiefs, Doba, April 2003).

^{14.} As noted above, this interpretation of resources providing "opportunity" (as opposed to motivation) is indeed a "softer" interpretation of the result that is sometimes suggested by Collier and Hoeffler.

^{15.} Although, as argued by Snyder and Bhavnani (2005 [this issue]), the degree to which resources lead to a weakened capacity for tax raising is partly endogenous to policy choices.

An exemplary literature review

What Have We Learned about the Resource Curse?

Michael L. Ross

Department of Political Science, University of California, Los Angeles, California 90095; email: mlross@polisci.ucla.edu

Annu. Rev. Polit. Sci. 2015. 18:239-59

First published online as a Review in Advance on December 18, 2014

The *Annual Review of Political Science* is online at polisci.annualreviews.org

This article's doi: 10.1146/annurev-polisci-052213-040359

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Keywords

democracy, democratization, civil war, institutions, corruption, natural resources, oil

Abstract

Since 2001, hundreds of academic studies have examined the "political resource curse," meaning the claim that natural resource wealth tends to adversely affect a country's governance. There is now robust evidence that one type of mineral wealth, petroleum, has at least three harmful effects: It tends to make authoritarian regimes more durable, to increase certain types of corruption, and to help trigger violent conflict in low- and middle-income countries. Scholars have also made progress toward understanding the mechanisms that lead to these outcomes and the conditions that make them more likely. This essay reviews the evidence behind these claims, the debates over their validity, and some of the unresolved puzzles for future research.



INTRODUCTION

Does natural resource wealth lead to political dysfunction? From 2001 to 2013, hundreds of academic studies addressed this question. There is now considerable evidence that under certain conditions one type of resource wealth—petroleum—tends to produce a "political resource curse."

The resource curse might be defined as the adverse effects of a country's natural resource wealth on its economic, social, or political well-being. The term was first used in print by economic geographer Richard Auty in 1993 (Auty 1993). Over the last decade it has been used by both scholars and policymakers to explain a wide range of maladies in resource-rich countries, particularly in Africa, the Middle East, Latin America, and the former Soviet Union. New initiatives to stop the resource curse have been launched by the World Bank, the G20, and the United Nations Development Program. Two multistakeholder agreements—the Kimberley Process Certification Scheme and the Extractive Industries Transparency Initiative—have been forged. Both the United States and the European Union have adopted new transparency laws that are explicitly designed to alleviate the curse in resource-exporting countries. Dozens of nongovernmental organizations, new and old, have devoted themselves to this issue.

The idea of a resource curse has also influenced many debates in political science—for exactle, on the causes of democratic transitions (Gassebner et al. 2012), the role of taxation in state-building (Brautigam et al. 2008, Smith 2008), the consequences of foreign aid (Bermeo 2011, Ahmed 2012) and the factors affecting the onset, duration, and severity of civil war (Fearon & Laitin 2003, Weinstein 2007). A large literature in economics asks how natural resource wealth affects economic growth (Wick & Bulte 2009, van der Ploeg 2011, Frankel 2012).

This review examines the political effects of resource endowments, particularly on government accountability, the quality of state institutions, and the incidence of civil war. It addresses three questions:

- What are the most robust findings on these issues?
- What are the major challenges to these findings, and how valid are they?
- What are the most important gaps in our knowledge?

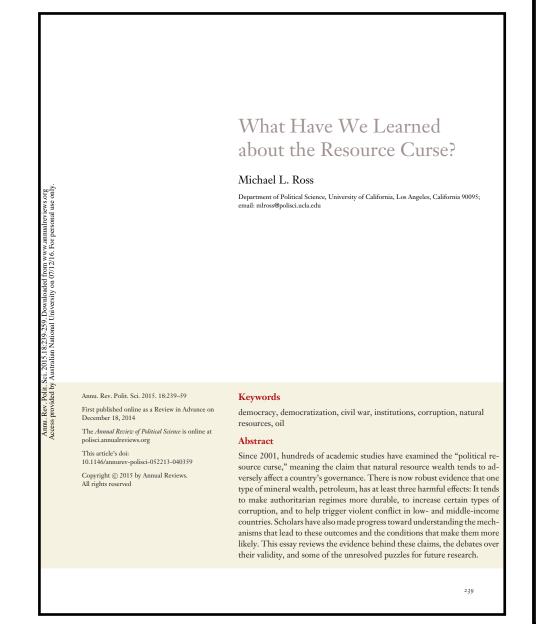
I argue below there is strong evidence that one type of resource wealth—petroleum—has at least three important effects: It tends to make authoritarian regimes more durable; it leads to heightened corruption; and it helps trigger violent conflict in low- and middle-income countries, particularly when it is located in the territory of marginalized ethnic groups. The effects on authoritarianism and conflict appear to be recent phenomena, emerging after the 1970s.

There are three main debates about these effects. The first is about the conditions under which oil has these effects. Scholars generally agree that these effects are conditional and hence limited in scope, but there is no consensus over what those conditions are. A large fraction of the hypothesized conditions are measured in ways that are collinear, making it hard to distinguish among them. A second, related debate is over the mechanisms that generate these conditional effects, although on one issue—the relationship between petroleum and civil conflict—many studies now point to a similar underlying process.

The third debate is over whether the resource curse is real or illusory. Although most studies report evidence of some type of resource curse, a significant minority suggest that the appearance of a resource curse is a statistical artifact created by either endogeneity or omitted-variable bias. Others raise a second objection: that petroleum's damaging effects may be real but are counterbalanced by beneficial effects that are commonly overlooked.

Debates

Research questions







Defining natural resources

What is the **type** of resource?

• Extracted (e.g. minerals) rather than produced (e.g. last week's agriculture)

What is the salient quality of the resource?

• For example, quantity, value of production or export, or government rents

Method used to normalise values

• For example, fraction of GDP, exports, per capita, government revenue

Types of natural resources

Fuel minerals

- Oil
- Natural gas

Non-fuel minerals

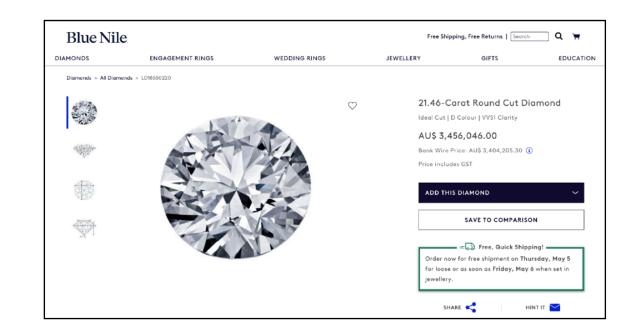
- Gold
- Coltan
- Cobalt
- Tantalum

Gemstones

• Diamonds, rubies, emeralds







Resource rents definition

"[P]rofits above and beyond production costs, where the costs include a normal rate of return on the capital invested," (Ross 2012: 35, quoted in Fails and Dubuis 2015: 704)

Rentier effects

Resource revenue allow governments to reduce taxes as well as increase public goods and private patronage.

Rents can also raise **risks** of depending on one source of revenue (e.g. Venezuela).

Rent diversification helps reduce risk of authoritarian collapse. (Fails & DuBuis 2015)

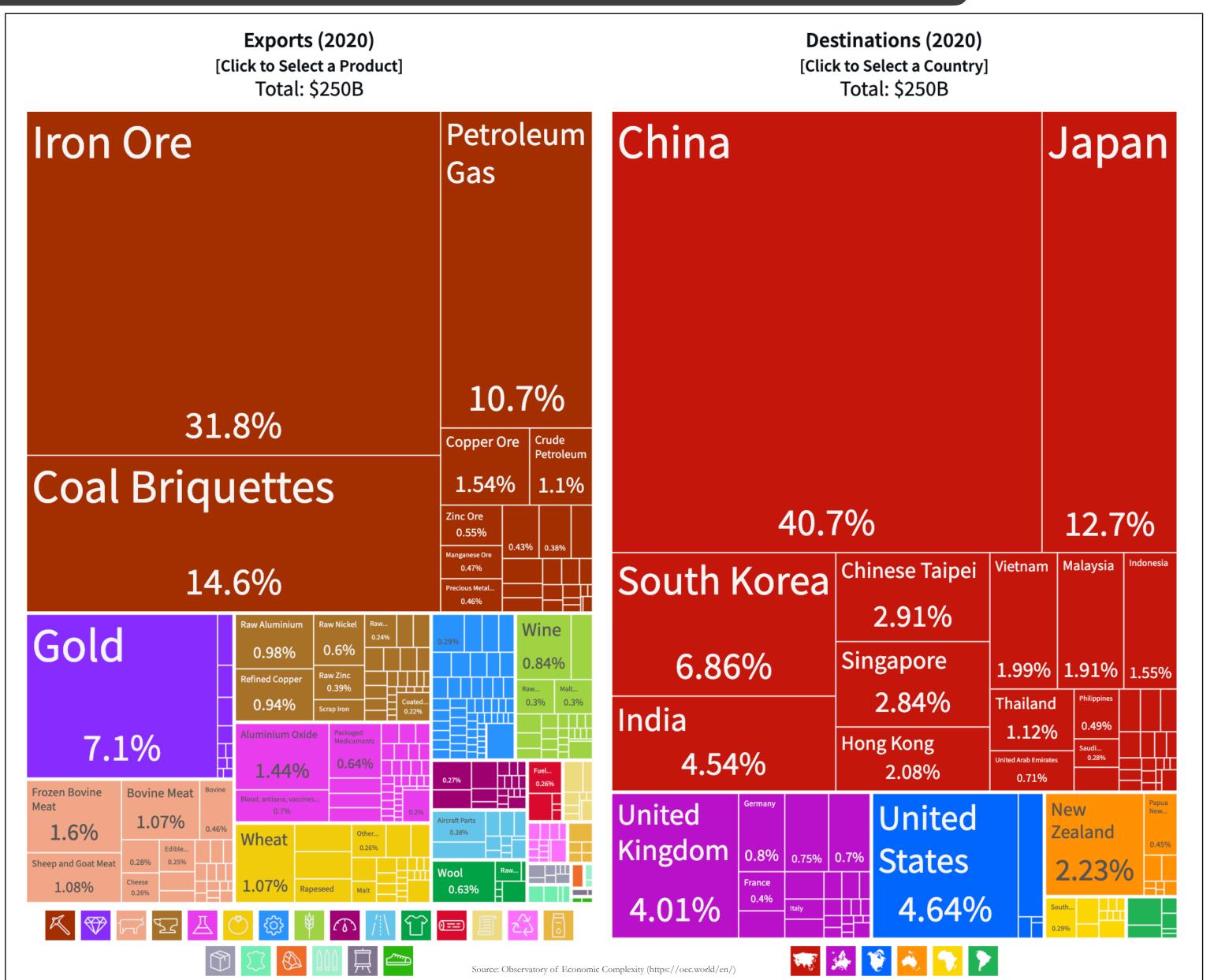
- Fails & DuBuis (2015) look at five resources (coal, forest, mineral, natural gas & oil)
 - It is unclear if their authoritarian regime failure includes conflict.

Is our perspective on this affected by being in "the lucky country?

"Australia is a significant exporter of natural resources, energy, and food. Australia's abundant and diverse natural resources attract high levels of foreign investment and include extensive reserves of coal, iron, copper, gold, natural gas, uranium, and renewable energy sources. A series of major investments, such as the US\$40 billion Gorgon Liquid Natural Gas Project, will significantly expand the resources sector.

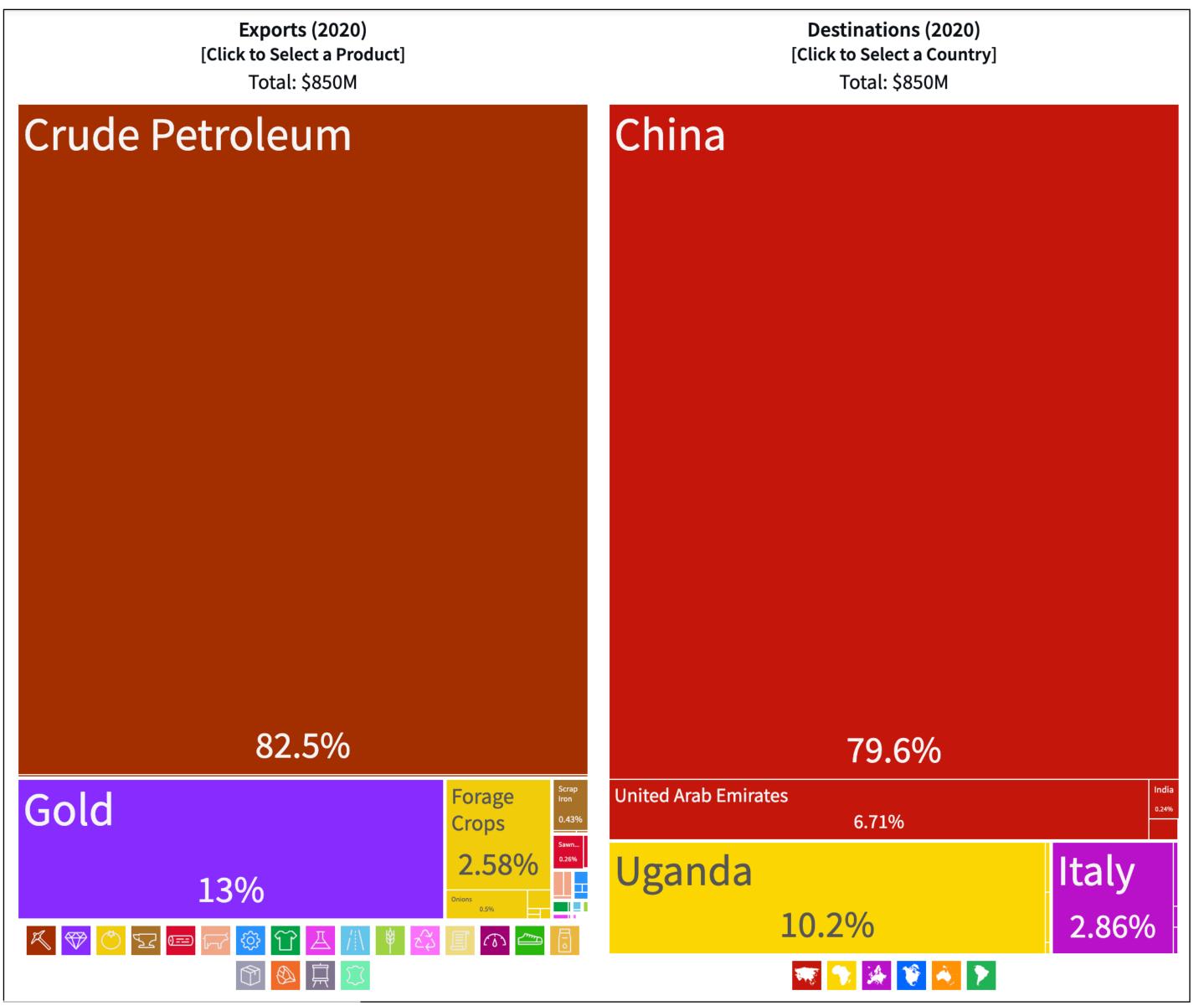
For nearly two decades up till 2017, Australia had benefited from a dramatic surge in its terms of trade. As export prices increased faster than import prices, the economy experienced continuous growth, low unemployment, contained inflation, very low public debt, and a strong and stable financial system. Australia entered 2018 facing a range of growth constraints, principally driven by the sharp fall in global prices of key export commodities. Demand for resources and energy from Asia and especially China is growing at a slower pace and sharp drops in export prices have impacted growth."

Australia





South Sudan



South Sudan

"South Sudan does have abundant natural resources. South Sudan holds one of the richest agricultural areas in Africa, with fertile soils and abundant water supplies. Currently the region supports 10-20 million head of cattle.

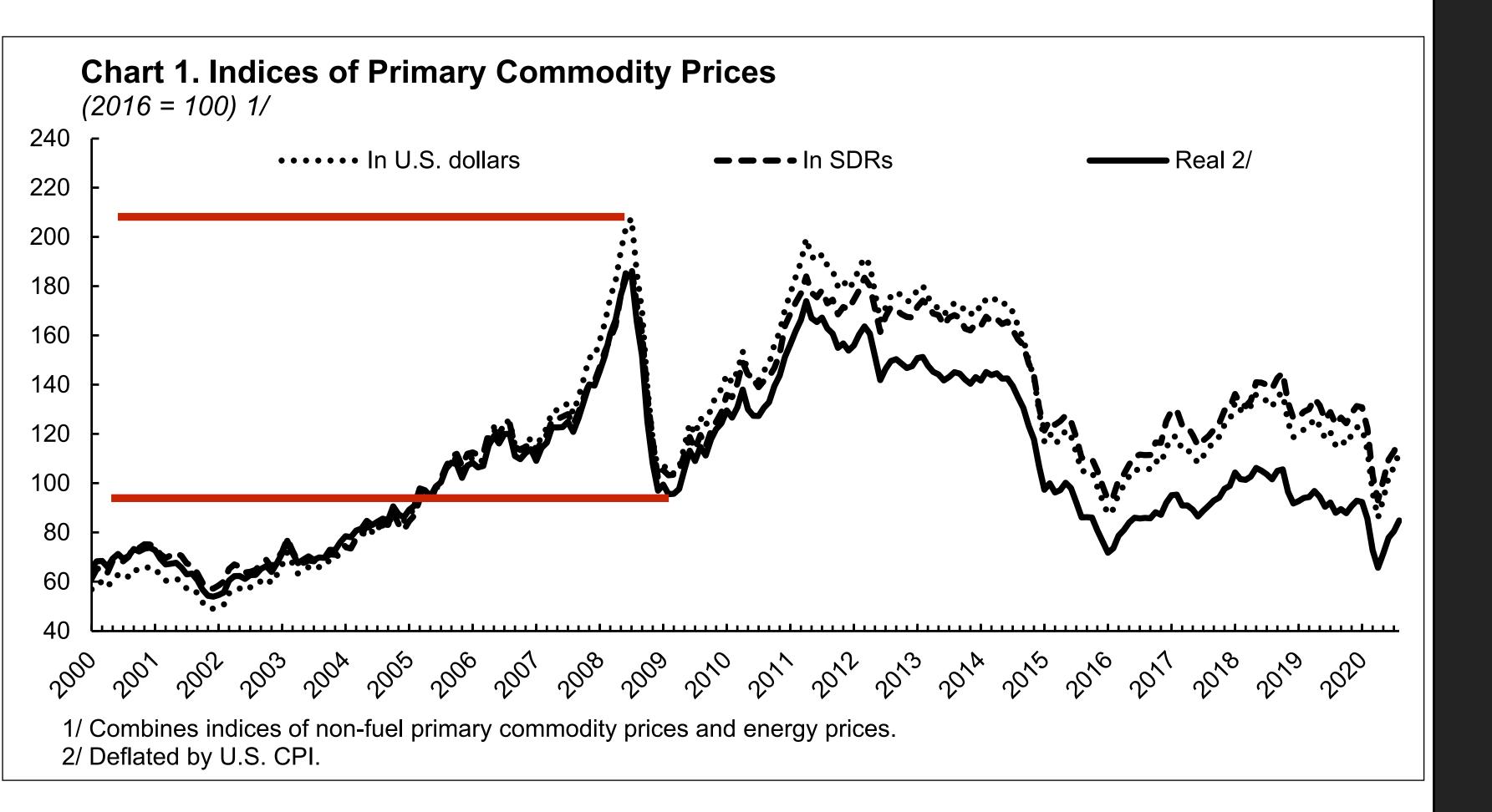
At independence in 2011, South Sudan produced nearly three-fourths of former Sudan's total oil output of nearly a half million barrels per day. The Government of South Sudan relies on oil for the vast majority of its budget revenues, although oil production has fallen sharply since independence.

South Sudan is one of the most oil-dependent countries in the world, with 98% of the government's annual operating budget and 80% of its gross domestic product (GDP) derived from oil. Oil is exported through a pipeline that runs to refineries and shipping facilities at Port Sudan on the Red Sea."

The resource <u>curse</u>—definition

"The adverse effects of a country's natural resource wealth on its economic, social, or political well-being."

Ross (2015: 240; building on Auty 1993)



Crude oil prices



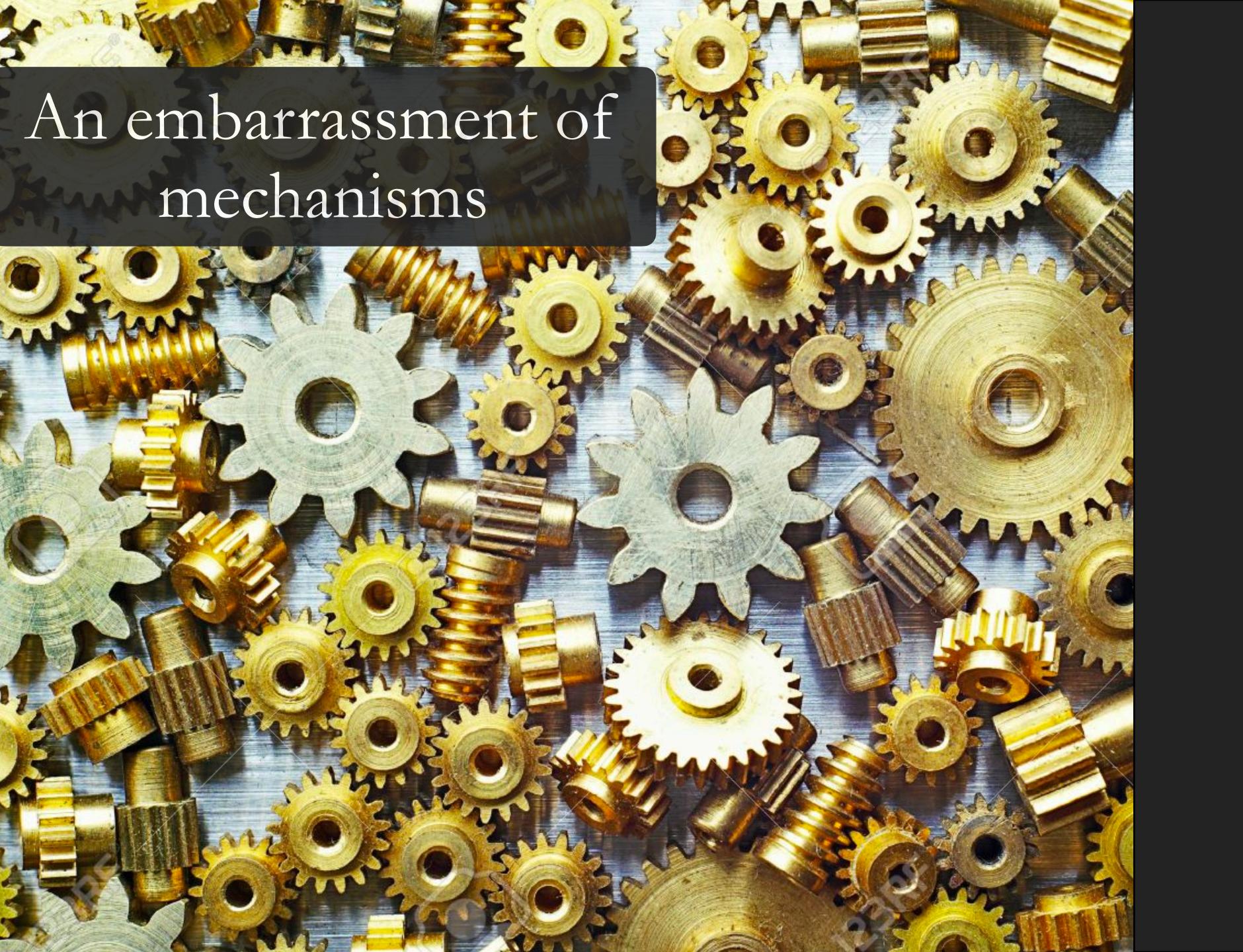
Lecture question #2

After last week's focus and this week's readings, do you buy the argument that **extractive** resources are more of a risk than **produced** resources?

Why or why not?







How resources can affect conflict differently than regime stability & institutional quality

Other, non-petroleum resources, matter.

Effects are non-monotonic.

Location matters (e.g. off/on-shore, periphery/central)

Natural resources & conflict onset Humphreys' 2005 possible mechanisms

Greedy rebels

Greedy outsiders

Citizen and elite grievances

Feasibility/start up costs (aka. "booty futures")

Weak states (opportunity)

Sparse trading networks

Natural resources & conflict duration Humphreys' 2005 possible mechanisms

Feasibility

Military balance

Lack of cohesiveness

Side rent payments

International interventions

Other explanations

Declining rents can cause conflict.

As risk of conflict increases resource rents decrease (endogeneity).

Government weakness causes both resource rents and conflict risk (spuriousness).

Do spikes or dips in rents matter or how much they are? (levels vs. change)



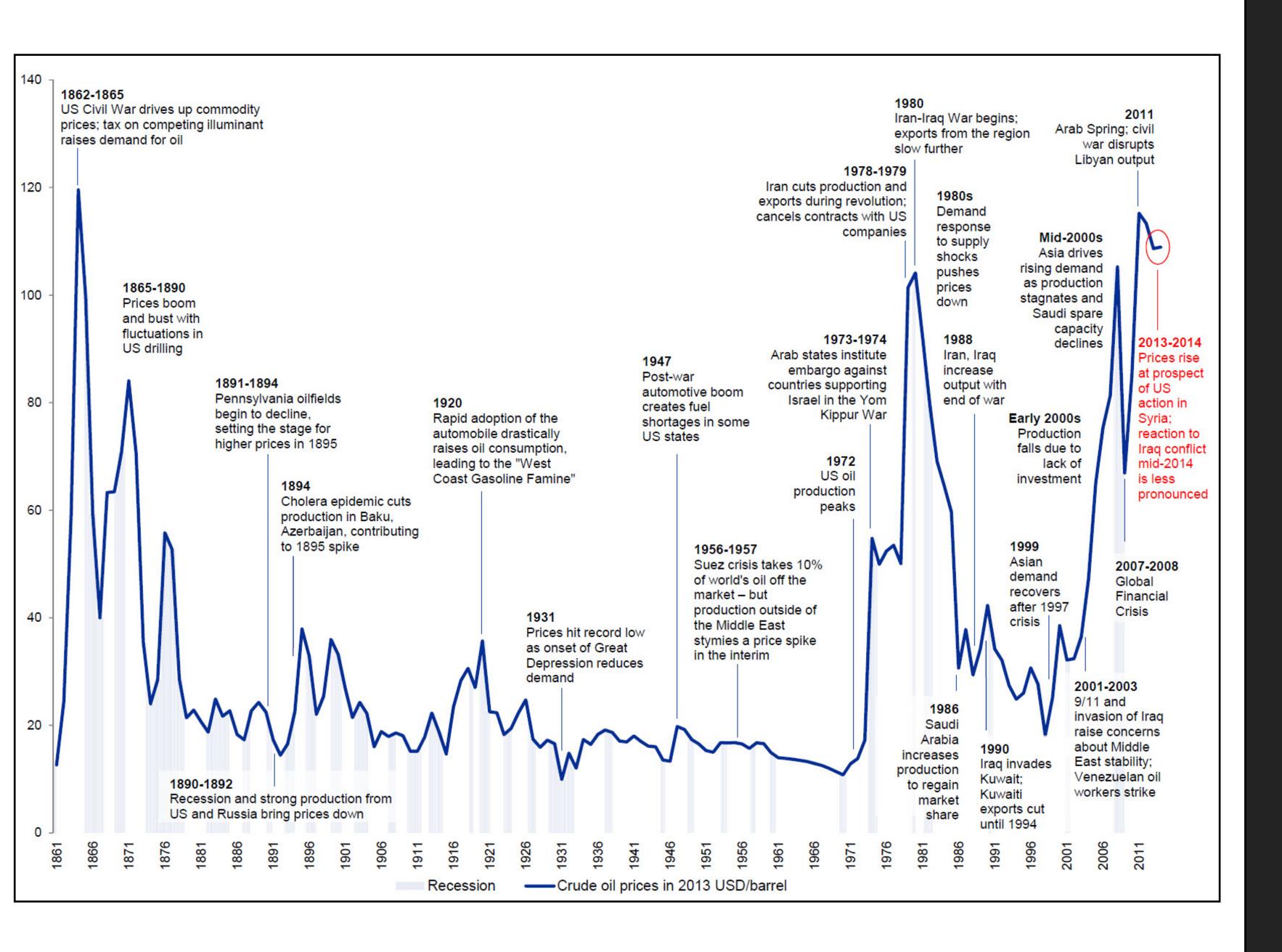


Oil, democracy, institutions, & conflict

Oil dependence is one of the few robust correlates of regime type. (Ross 2015: 243)

Oil is a predictor of **regime stability**, both for democracies and autocracies.

Oil increases corruption.



Nikkei **21766.12**

Hang Seng **26022.33**

U.S. 10 Yr -2/32 Yield

Crude Oil **54.24** 1.16%

Yen **107.83** 0.08%

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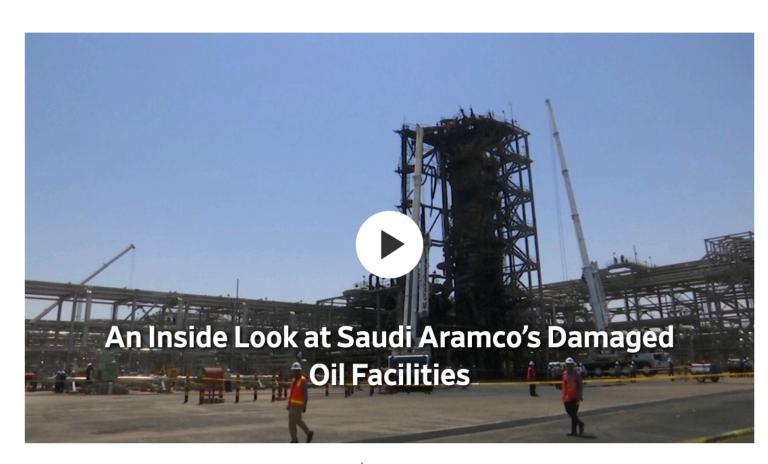


AA TEXT

WORLD | MIDDLE EAST

Attacks on Oil Facilities Threaten Fragile Saudi **Economy**

Kingdom, which earns two-thirds of its revenue from crude sales, lost half its production at a time when foreign investment was down and consumers suffered from low prices



Aramco officials say they are working 24/7 to repair their damaged oil facilities. Saudi Arabia invited WSJ's Rory Jones to see the Khurais oil field and Abqaiq processing plant to show Aramco's efforts to get back to full production and rally international support against Iran ahead of a meeting next week at the United Nations. Image: AP

By Rory Jones

Updated Sept. 25, 2019 12:36 pm ET

JEDDAH, Saudi Arabia—The attacks on Saudi Arabia's oil facilities delivered a shock to the kingdom at a moment of economic fragility, with its attempts to jump-start nonoil industries struggling and foreign investment down.

Even before the Sept. 14 attacks took out half the country's oil production, nonoil exports were trending down in almost every month this year, according to Saudi bank Jadwa Investment.

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U.S. 10 Yr **-2/32 Yield**

Crude Oil **54.24** 1.16%

Yen **107.84** 0.08%

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Saudi Arabia Opens Kingdom to Foreign Tourists

Introduction of tourism visas comes at a moment of economic fragility for the kingdom

TEXT

88



Participants attend the launch of the new tourism visa at Ad Diriyah, a Unesco-listed heritage site outside Riyadh on Sept. 27. PHOTO: FAYEZ NURELDINE/AGENCE FRANCE-PRESSE/GETTY IMAGES

By Donna Abdulaziz

Updated Sept. 27, 2019 1:52 pm ET

JEDDAH, Saudi Arabia—Saudi Arabia is opening the ultraconservative kingdom to tourists for the first time, easing restrictions for foreign visitors as part of Crown Prince Mohammed bin Salman's initiative to diversify the oil-dependent economy.

Visas had been restricted to Muslim pilgrims and business and diplomatic visitors, but on Friday the kingdom said its new online visa portal would be open to visitors from 49 countries, including the U.S. and major European and Asian countries.

"Opening Saudi Arabia to international tourists is a historic moment for our country," said Ahmad al-Khateeb, chairman of the Saudi Commission for Tourism and National Heritage.

Welcoming Guests

The tourism economies of Saudi Arabia and its neighbors have grown in recent years.

The change to visa rules comes two weeks after debilitating attacks on

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China Holds Grand Parade While Protests in Hong Kong Rage On



Dissecting the Vaping Illness Mystery



Opinion: Joe Biden Forced Ukraine to Fire Prosecutor for Aid Money



Opinion: Bolsonaro's Free Market Fight Against Socialism in Latin America



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Hong Kong Protester Shot by Police Amid Widespread Violence



Judge Rules Harvard's Race-Conscious Admissions Constitutional



MARKETS BUSINESS

US-Saudi Arabia seal weapons deal worth nearly \$110 billion immediately, \$350 billion over 10 years

PUBLISHED SAT, MAY 20 2017-11:54 AM EDT | UPDATED MON, MAY 22 2017-11:03 AM EDT







The United States sealed a multibillion arms deal with Saudi Arabia, the White House announced on Saturday, a move that solidifies its decades-long alliance with the world's largest oil exporter just as President Donald Trump begins his maiden trip abroad as leader of the free world.

The agreement, which is worth \$350 billion over 10 years and \$110 billion that will take effect immediately, was hailed by the White House as "a significant expansion of...[the] security relationship" between the two countries.

Simultaneously, Saudi Arabia is in a broad-based push for economic reform, and as part of that effort signed a flurry of deals with private U.S. companies worth tens of billions of

TRENDING NOW



Trump urges Congress to pass new coronavirus stimulus: 'GET IT DONE'



Dow futures rise 200 points in overnight trading as investors monitor Trump's health



Trump put on steroid recommended for severe Covid-19 cases, even as doctors share upbeat outlook



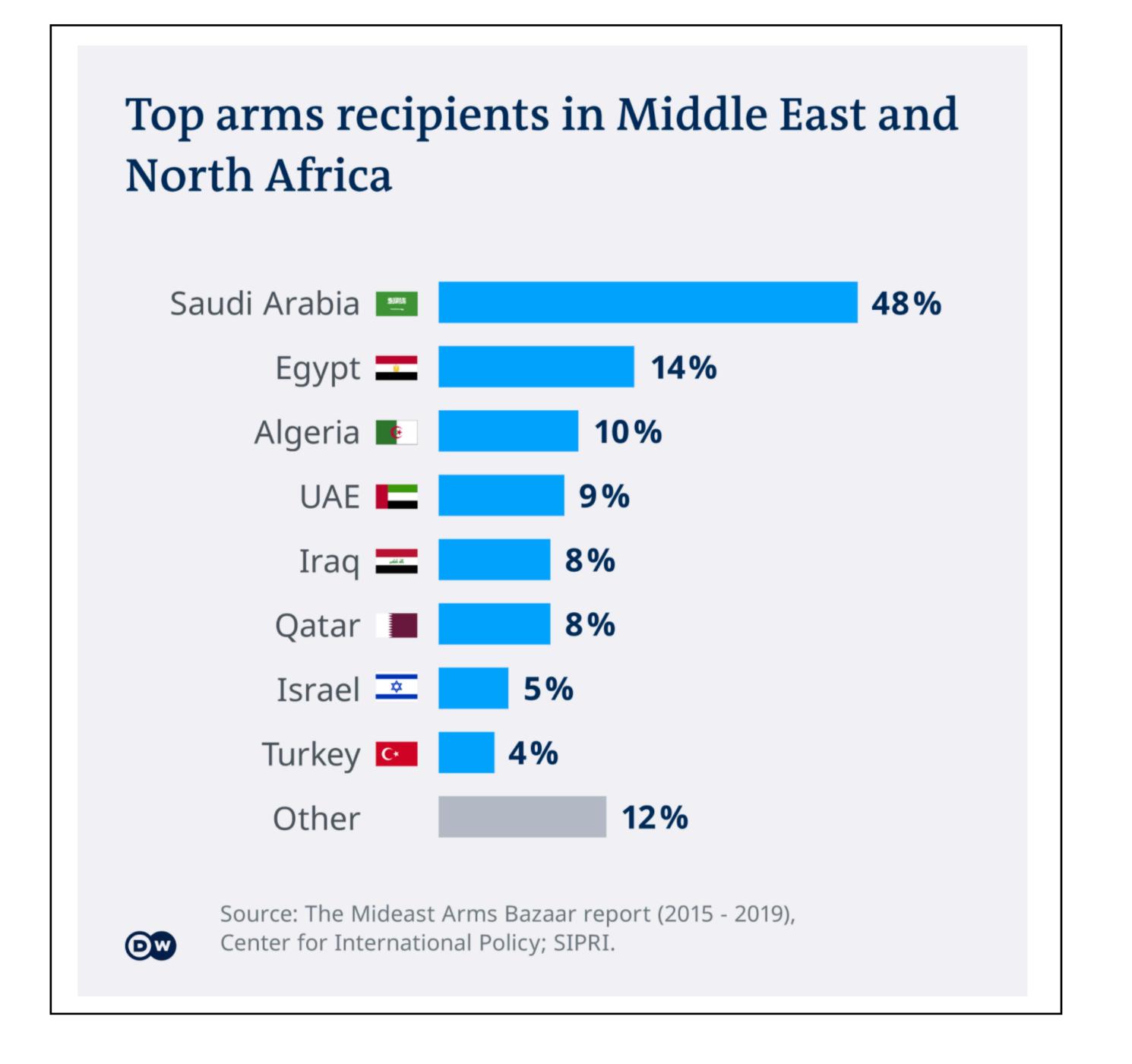
Coronavirus updates: Trump says he has 'learned a lot' about virus, drives by supporters outside **Walter Reed**



New York City is 'on the coronavirus cases grow,

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FROM THE WEB





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Saudi Arabia Just Crushed U.S. Crude Oil Prices Again

Global oil demand is faltering, and Saudi Arabia just slashed prices to two of the world's biggest customers.



Jason Hall (TMFVelvetHammer)

Sep 8, 2020 at 2:50PM

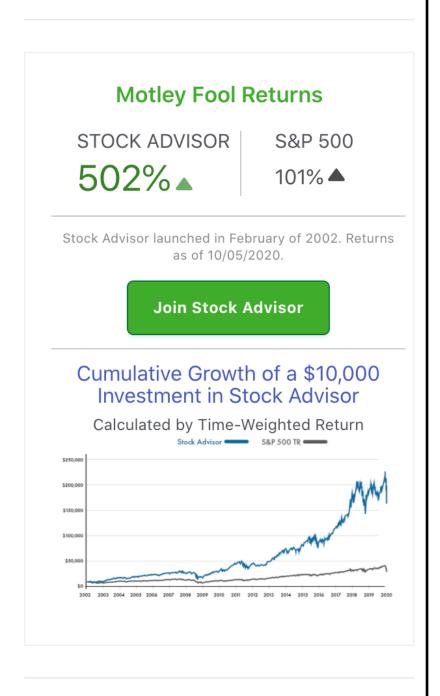
Author Bio

The crude oil recovery has hit its first big speed bump.

The surge in COVID-19 cases in many parts of the world, the end of a weak peak-summer demand season in the Northern Hemisphere, and the cessation of record crude purchases by Chinese refiners in the second quarter have created a chain of events that has crude oil futures cratering on Sept. 8. At this writing, Brent crude is down 4.5% to \$40.13 per barrel, while West Texas Intermediate futures are down a brutal 7% to \$37.02 per barrel.

Today's massive sell-off comes after news over the weekend that Saudi Arabia was cutting crude prices for October shipments to both Asian and U.S. refining customers. This marks the first time since early in 2020 that the petro state has lowered prices for crude shipments to the U.S., putting its selling price to Asia back below the country's target benchmark as Chinese shipments weaken after months of stockpiling.





STOCKS





Apache Corpo... NASDAQ:APA



Murphy Oil Co... MUR NYSE:MUR

Source: https://www.fool.com/investing/2020/09/08/saudi-arabia-just-crushed-us-crude-oil-prices-agai/ 4 (1.66%)

Yen **107.84** 0.08% ▲ Hang Seng **26022.33** Nikkei **21763.28** U.S. 10 Yr **-2/32 Yield** Crude Oil **54.24** 1.16%

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WORLD | MIDDLE EAST

Saudi Crown Prince Says Khashoggi Was Killed 'Under My Watch'

Mohammed bin Salman acknowledges murder that brought international censure, in PBS interview



Representatives of Saudi Arabia, Turkey and the U.S. have been at odds about what happened to missing Saudi journalist Jamal Khashoggi, until Saudi Arabia confirmed that he was killed in its consulate in Istanbul. Here's how each country's narrative unfolded. Photo: George Downs/The Wall Street Journal (Originally published Oct. 22, 2018)

By Jared Malsin

Updated Sept. 26, 2019 12:07 pm ET

Saudi Arabia's Crown Prince Mohammed bin Salman acknowledged that the 2018 murder of journalist Jamal Khashoggi happened under his watch and that responsibility falls on him, addressing an incident that evoked international criticism of the kingdom.

Mr. Khashoggi, a critic of the Saudi leadership, was brutally killed by government agents inside the Saudi consulate in Istanbul in October 2018. A CIA assessment concluded last year that Prince Mohammed

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AA TEXT

News | Houthis

Saudi-led coalition attacks Houthi positions in Yemen's Sanaa

Reports say at least five air attacks hit near Sanaa airport, while others target northern and central parts of city.



Fire is seen at one of the sites of Sunday's Saudi-led air raids in Sanaa [Khaled Abdullah/Reuters]

13 Sep 2020





The Saudi-led coalition has launched 11 air raids on the positions of Houthi rebels in the Yemeni capital Sanaa, according to the Houthi-run Saba news agency.

Five of Sunday's attacks hit the vicinity of the Sanaa airport, while others targeted the northern and central parts of the city, Saba reported, citing a security source.

War Crime Risk Grows for U.S. Over Saudi Strikes in Yemen

State Department officials have raised alarms about the legal risk in aiding airstrikes that kill civilians. The Trump administration recently suppressed findings as it sold more weapons to Gulf nations.



Burying a child who was killed in an airstrike in Sana, Yemen, in 2017. Yahya Arhab/European Pressphoto Agency

By Michael LaForgia and Edward Wong

Published Sept. 14, 2020 Updated Sept. 16, 2020





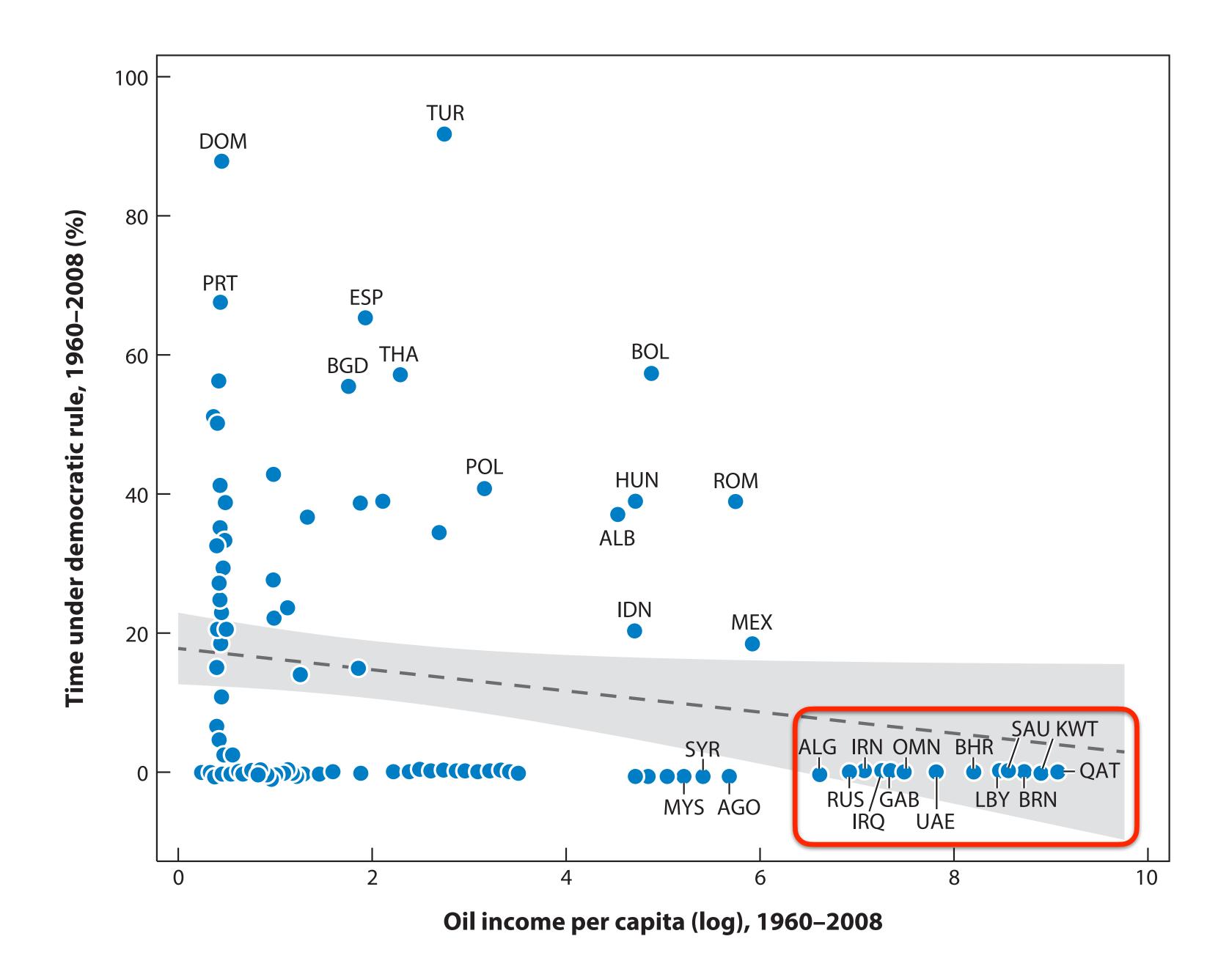






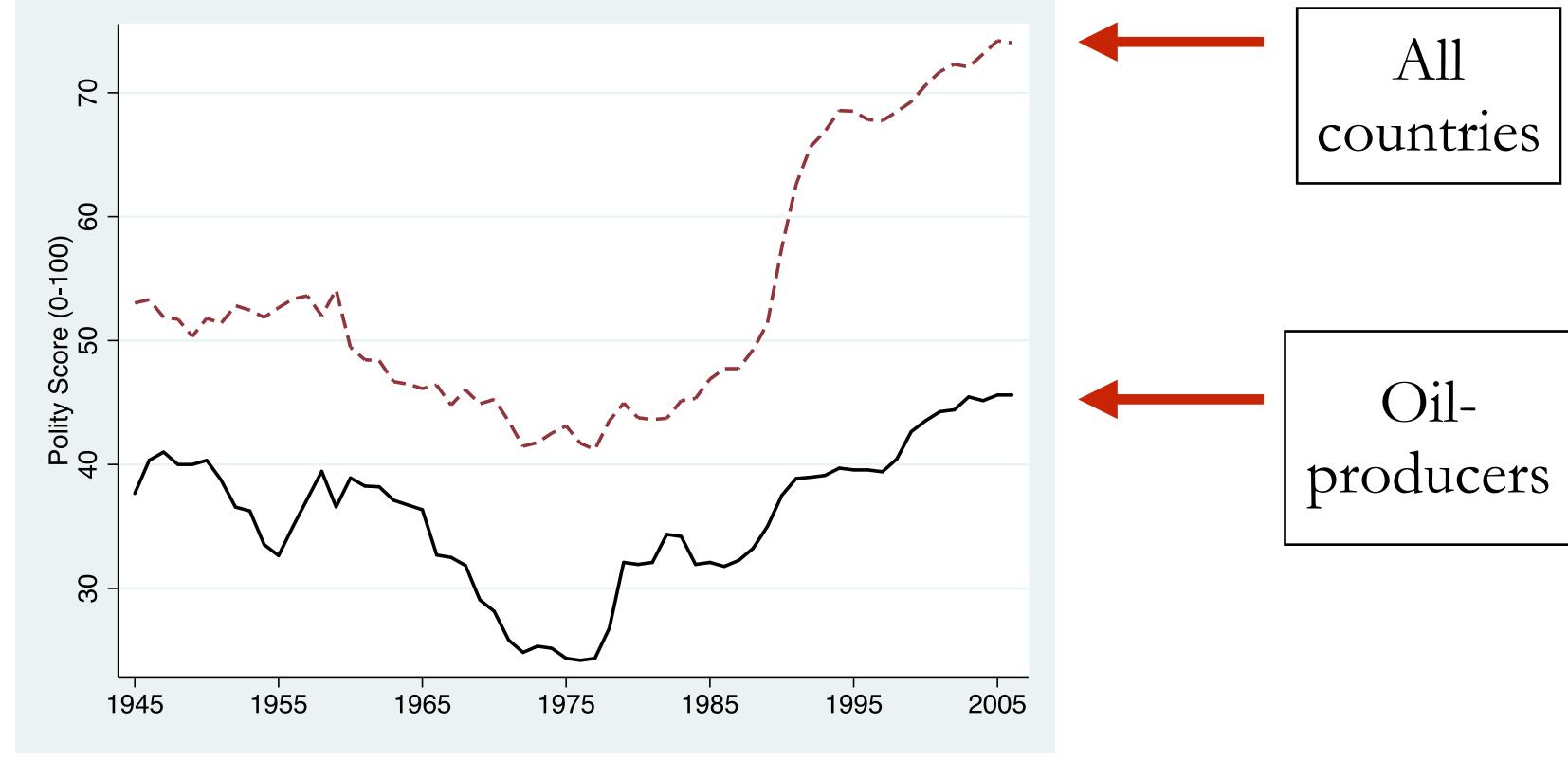
Source: https://www.nytimes.com/2020/09/14/us/politics/us-war-crimes-yemen-saudi-arabia.html



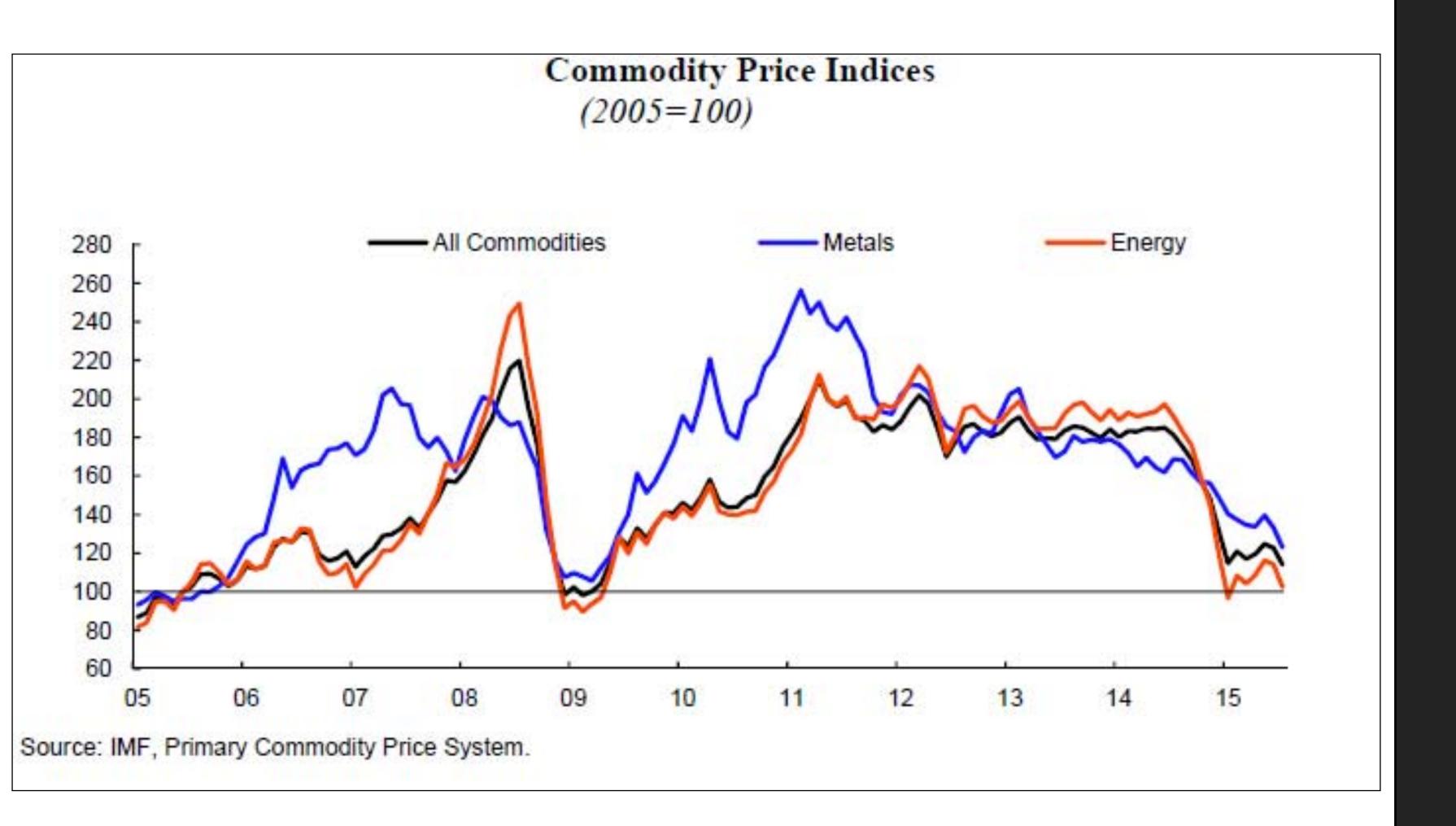


Source: Ross (2015: 244)

Figure 5: Polity scores of oil-reliant and non oil-reliant countries, 1945-2006



The solid black line shows the mean polity score (on a 0-100 scale) of the 34 oil-producing countries that Haber and Menaldo identify as "resource reliant"; the broken line shows the mean polity score of all other countries.



Lecture question #3

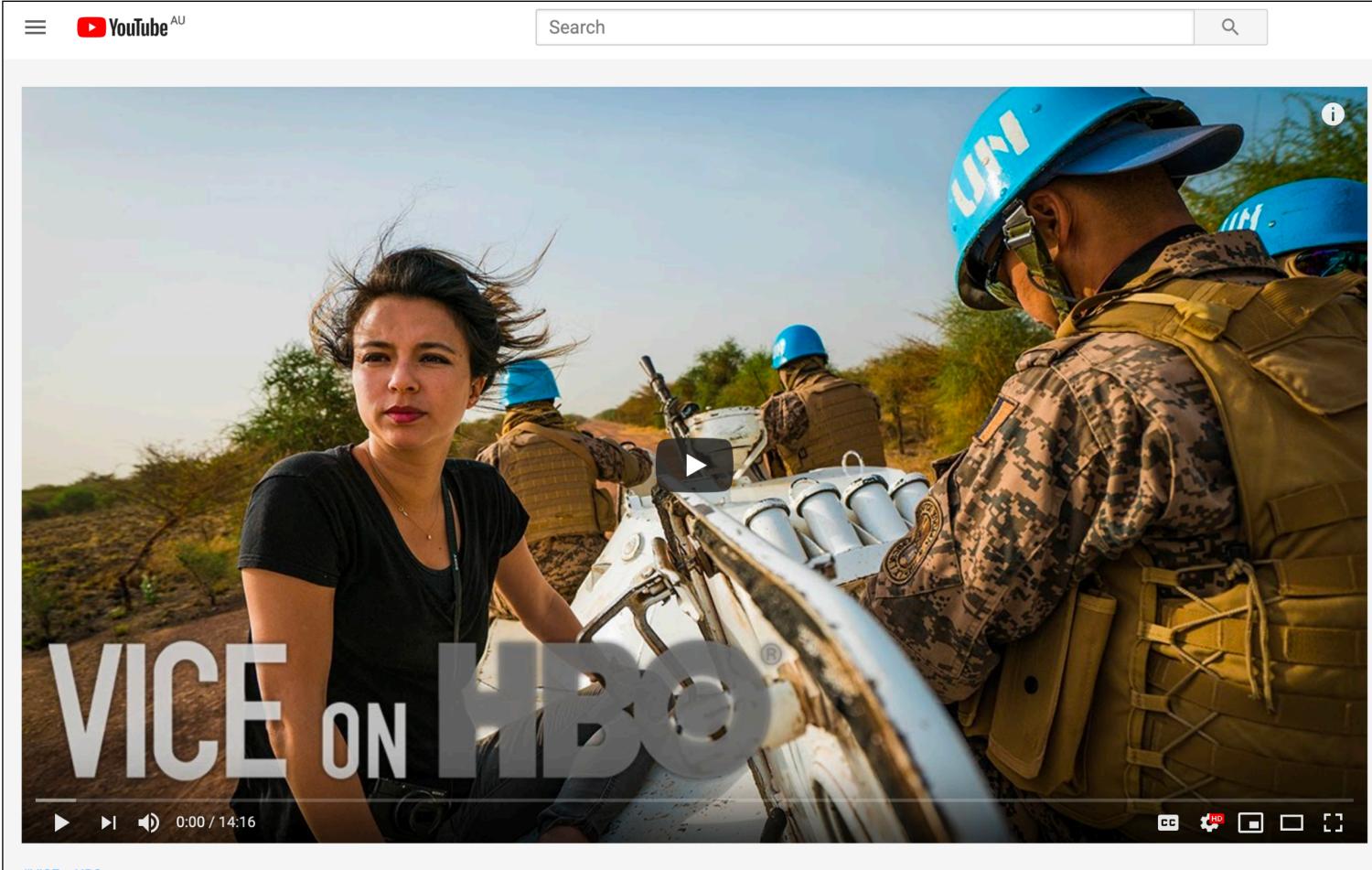
Do you know where the petrol Canberran's put in their cars comes from?

Try Googling/Duck Duck Go-ing: "Where does Australia's petrol come from?"

Click on the 24 Feb 2022 article by Vlado Vivoda at *The Conversation* and have a quick read.

Had you thought about the potential for petrol supply disruption in Australia?

Do you think that international sources of disruption are something we need to change domestic policies to address? Why or why not?



South Sudan Is Collapsing Thanks to Corruption Over Oil

1,113,734 views • Mar 1, 2020









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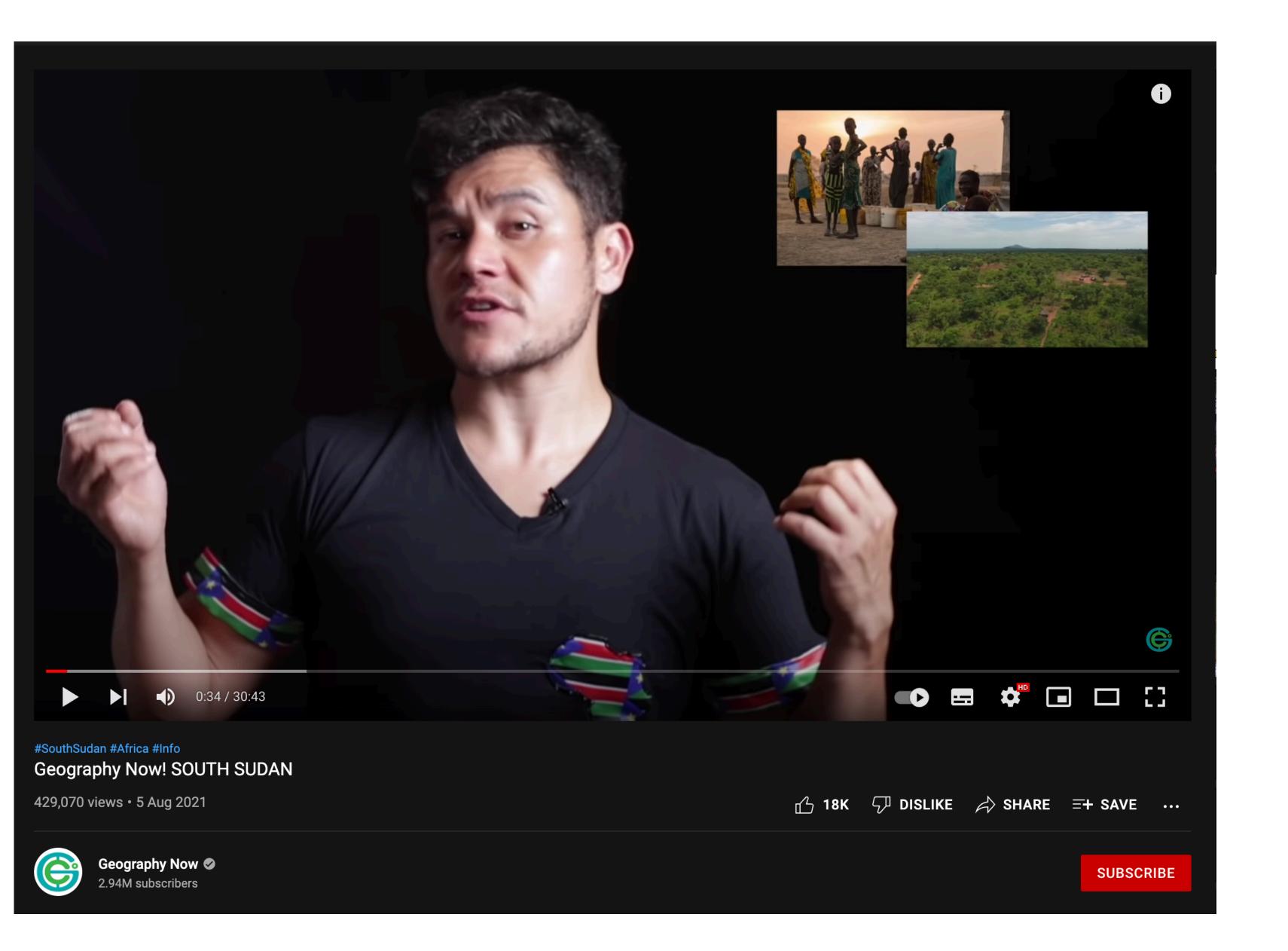
5. South Sudan's oil & conflict



South Sudan:
A case study of resource and conflict interdependence



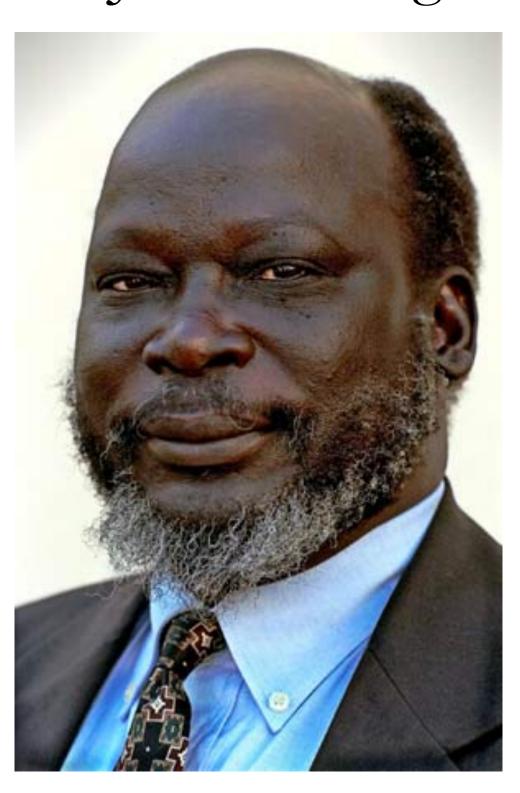




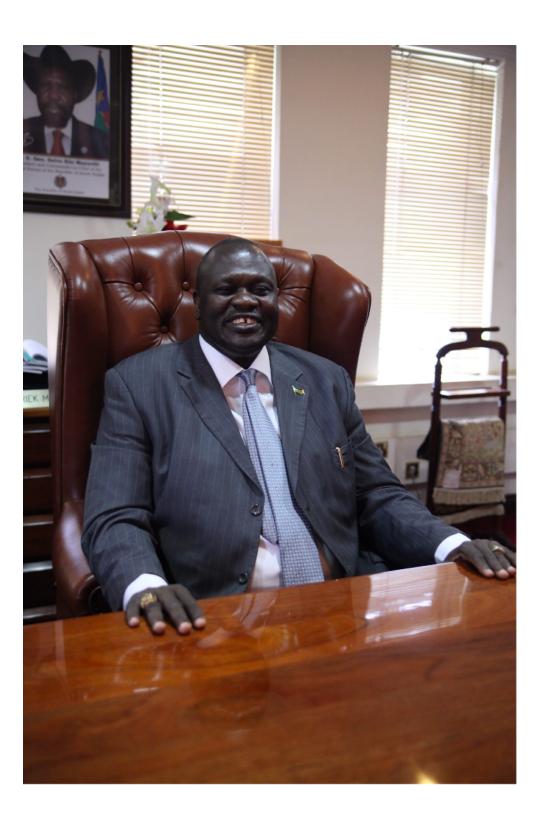
President Salva Kiir



John Garang



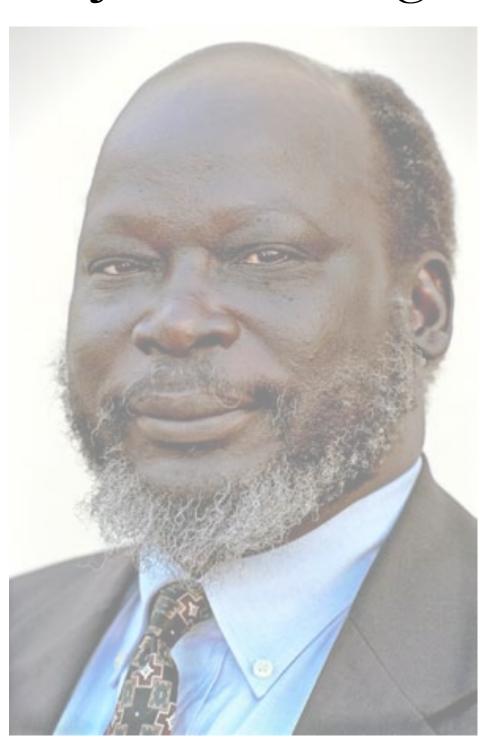
Riek Machar



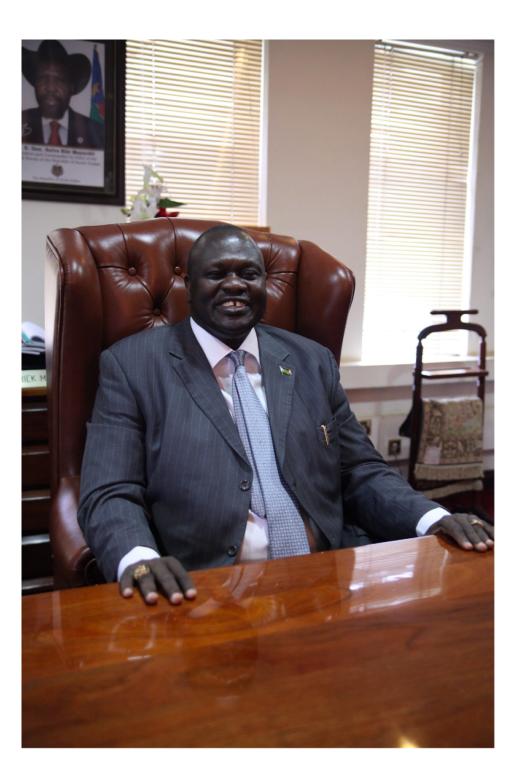
President Salva Kiir

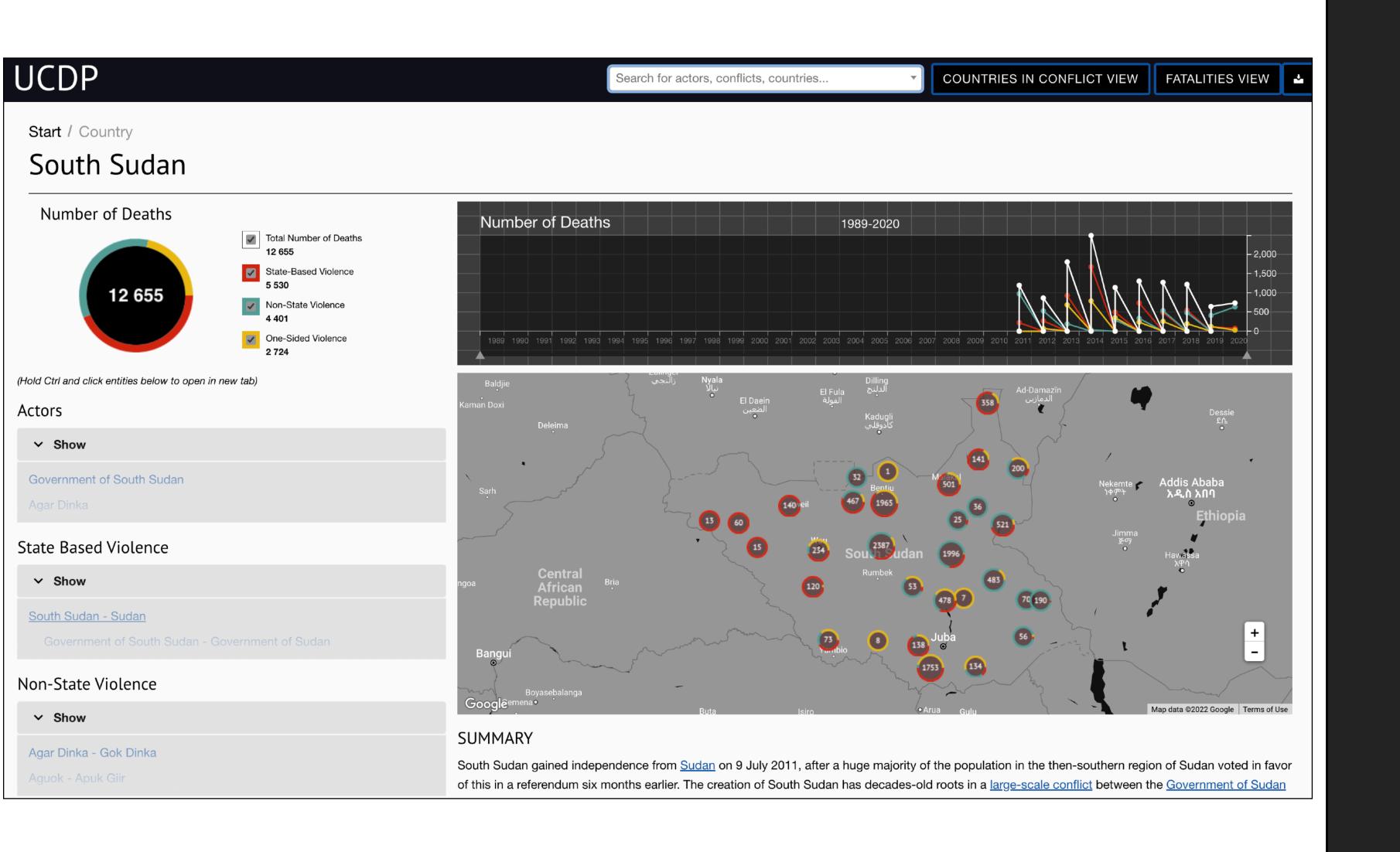


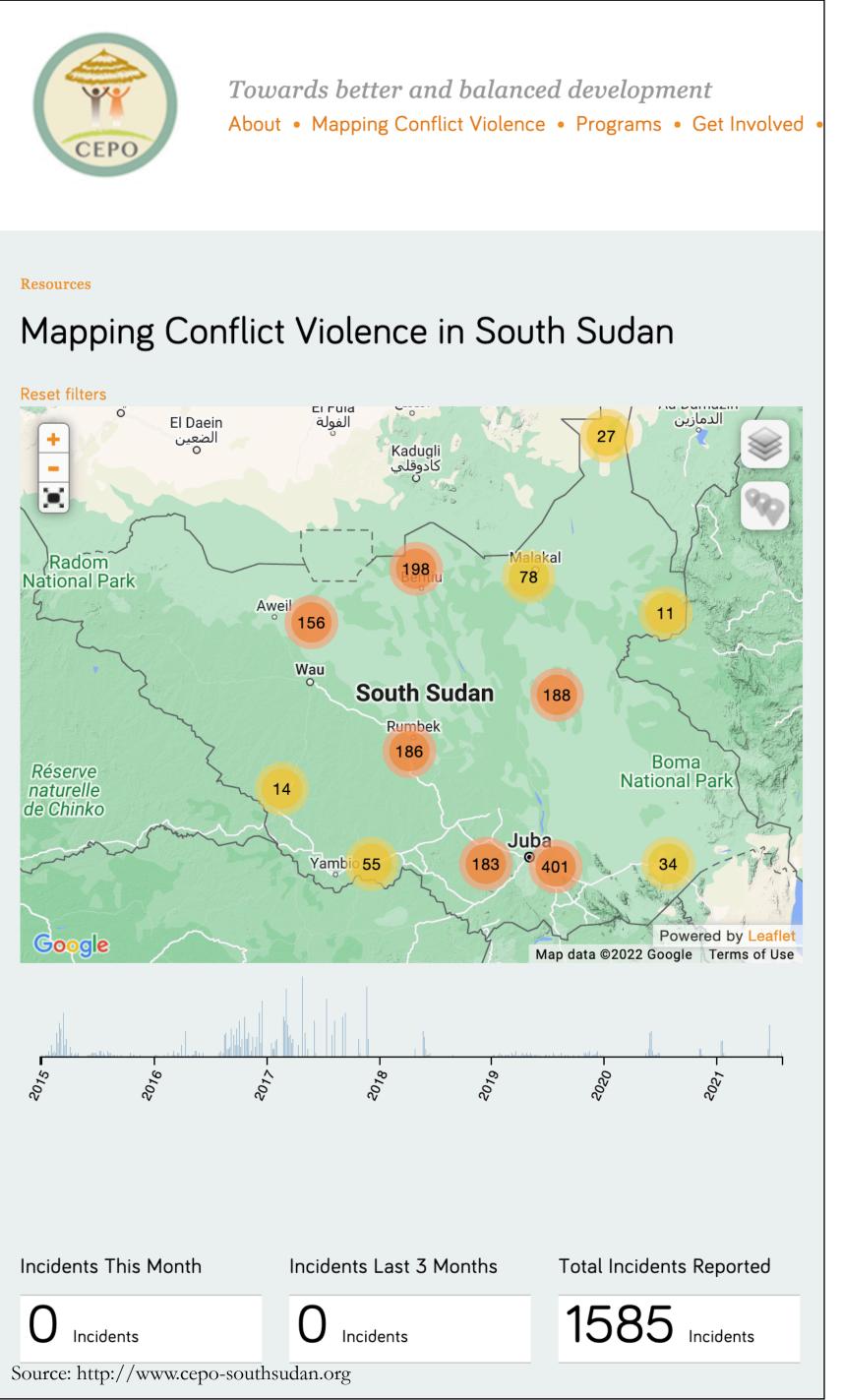
John Garang

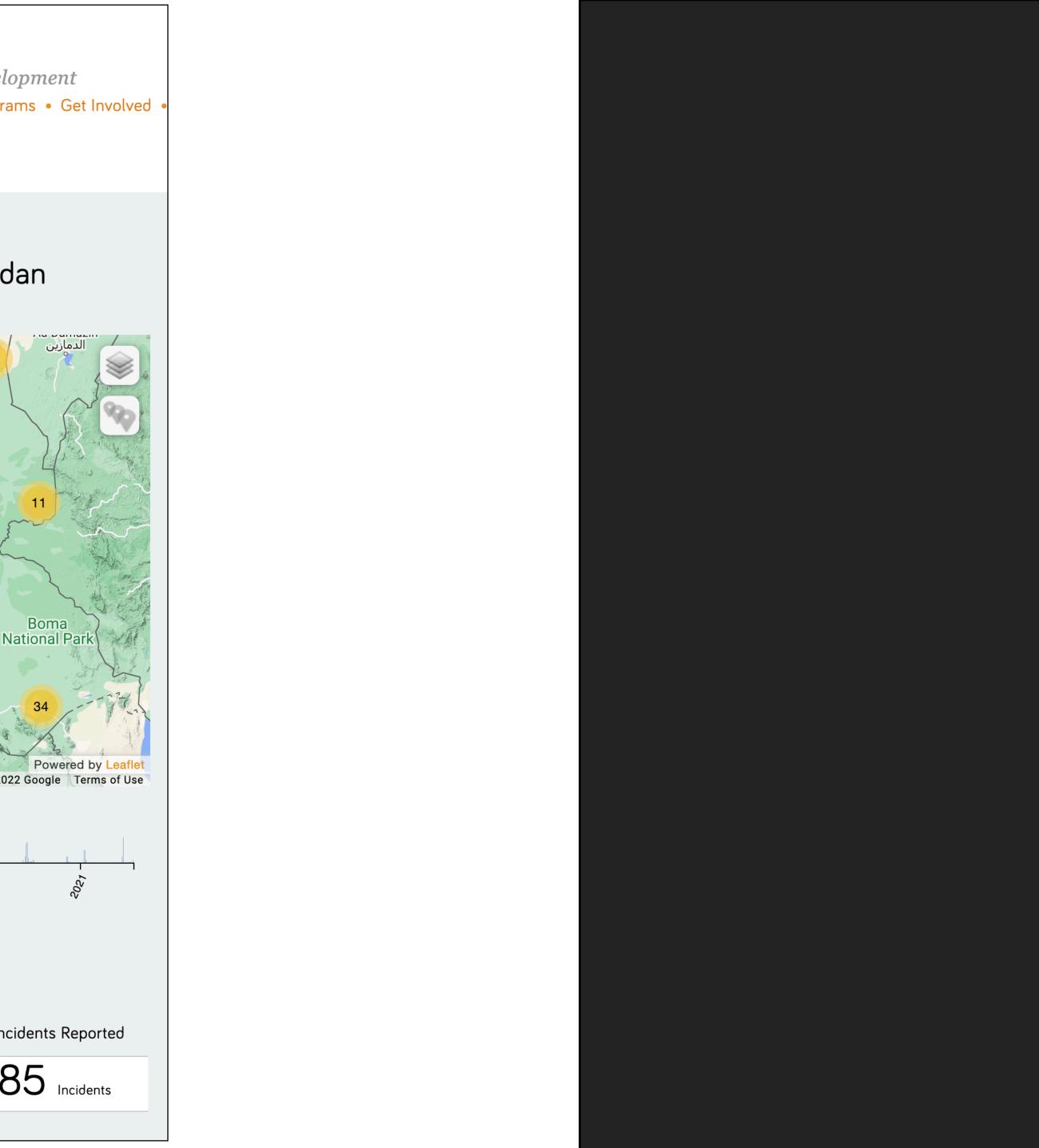


Riek Machar













26 Aug 2016

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Oil Company Warns Citizens To Keep Off Oil Fields For Safety

Dar Petroleum Operating Company (DPOC) based in Paloch oil fields has warned the community at Paloch staying at the oil well areas to move to a safer environment.

29 August 2013 **f y** in **p**













Paluoch oil field view. [Jacob Achiek Jok]

By Jacob Achiek Jok

BOR, 29 August 2013 [Gurtong] - DPOC authorities reported to the team lead by Melut County commissioner, Akuoch Teng Dieng to assess the areas where communities are

South Sudan Oil Field Becomes Battleground as Economy Reels

by Ilya Gridneff

May 26, 2015 - 7:00 AM AEST Updated on May 26, 2015 - 10:36 PM AEST





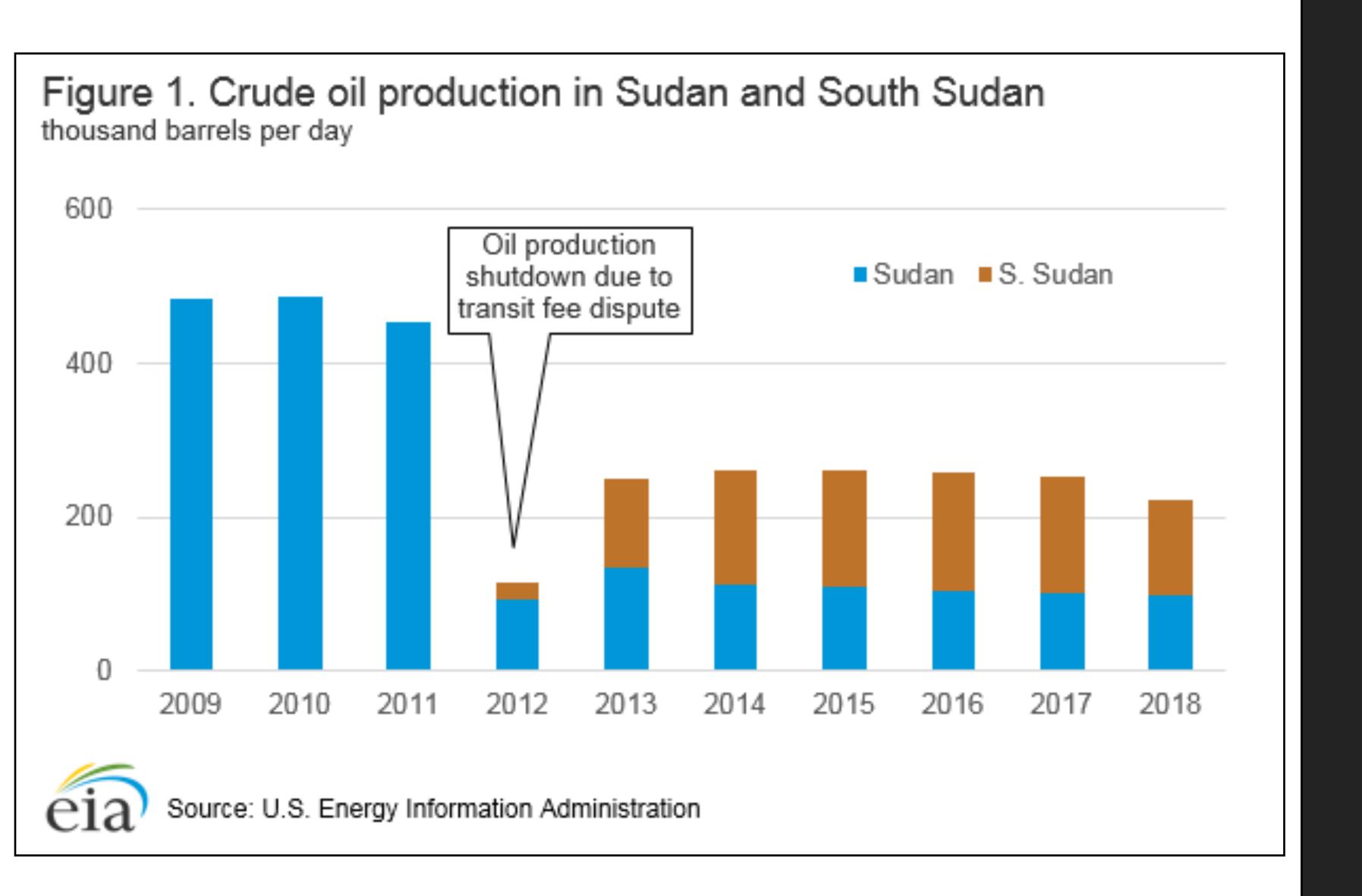


An oil processing facility in the Upper Nile, Sudan. Photographer: Trevor Snapp/Bloomberg



After 17 months of civil war spanning a swathe of South Sudan bigger than Syria, President Salva Kiir's survival may hinge on the fate of a single oil field.

Paloch in Upper Nile state, the only region still pumping crude in a nation with sub-Saharan Africa's third-largest reserves, has re-emerged as the rebels' prime target.





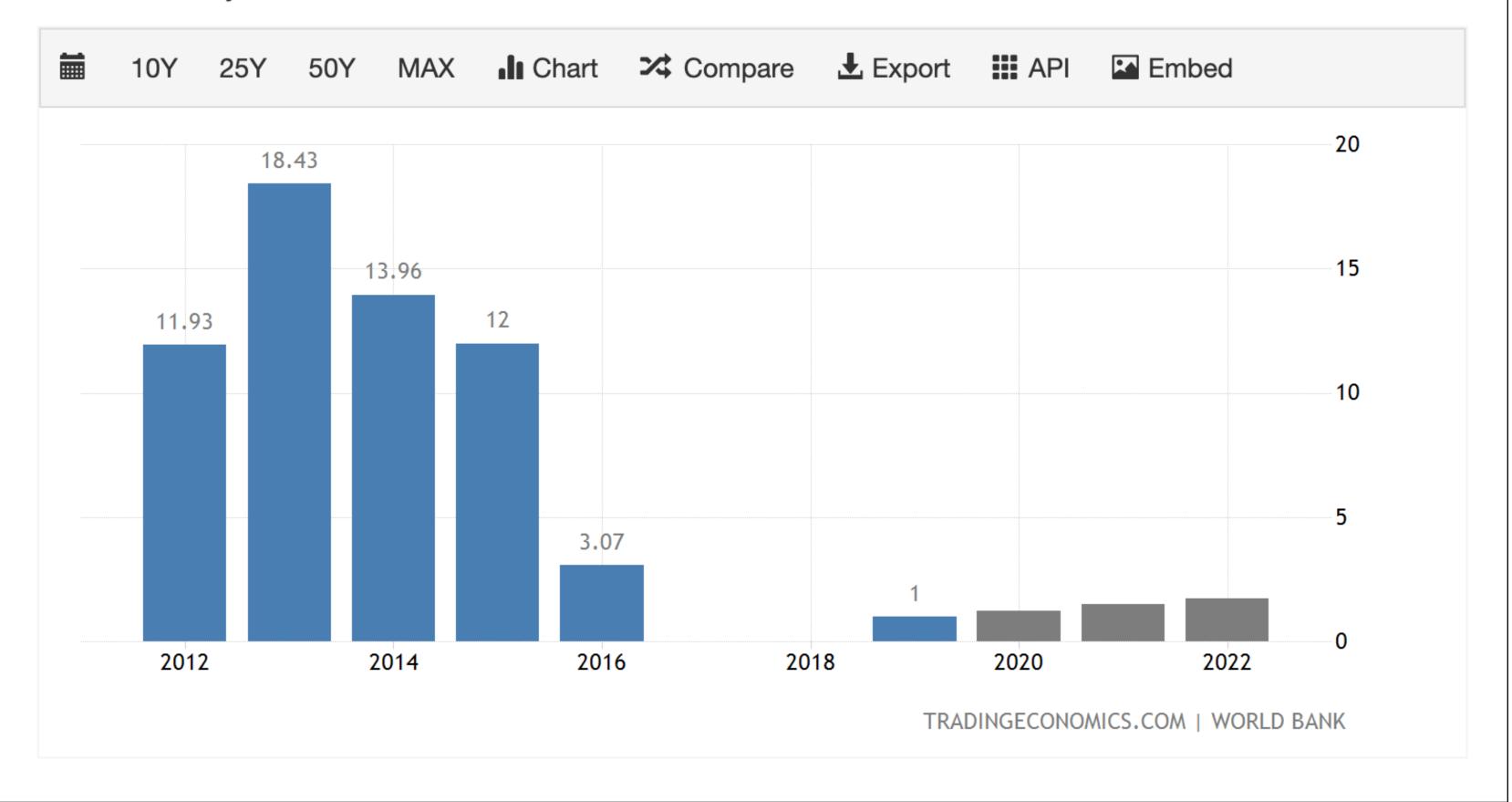
South Sudan GDP

-2

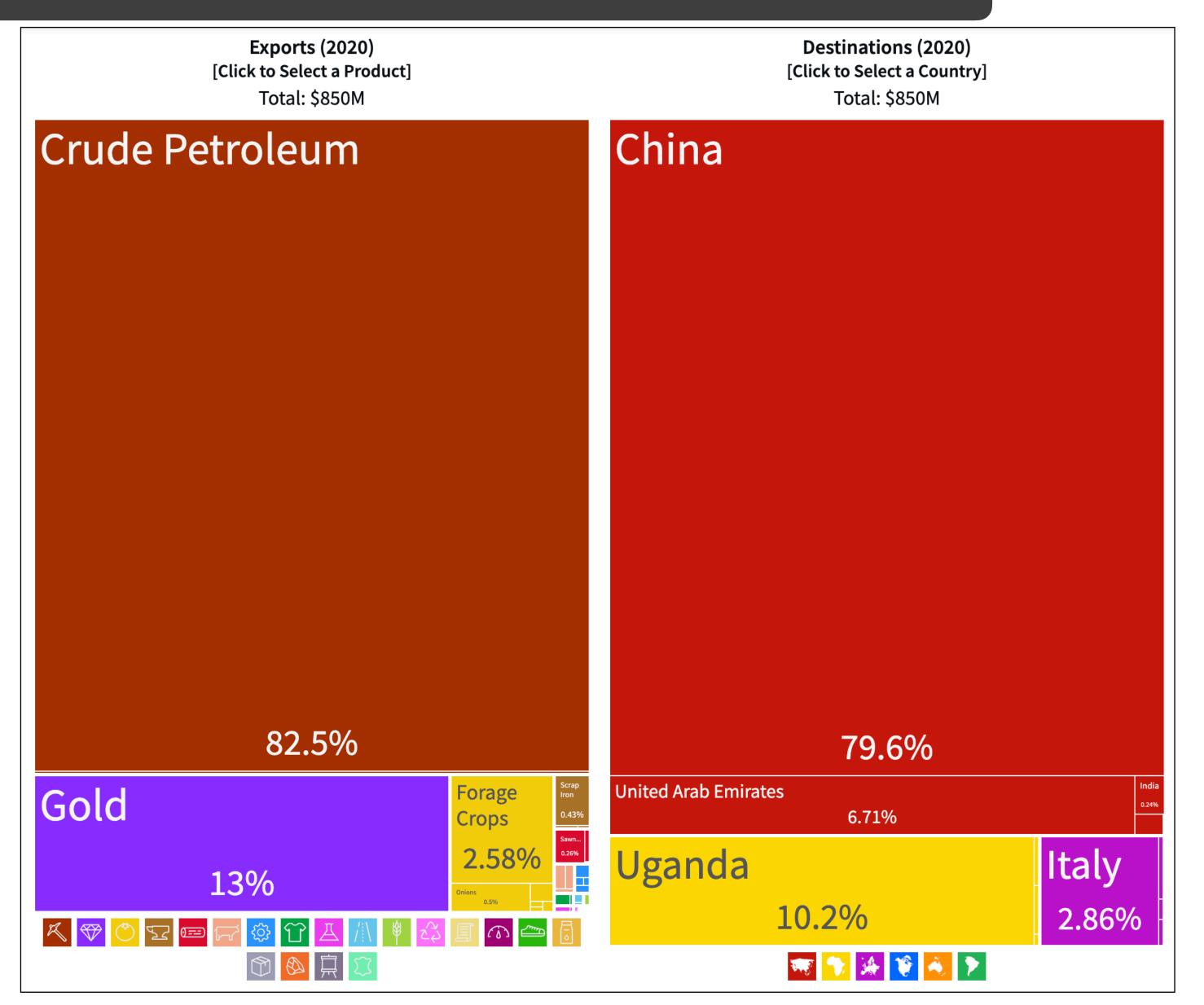
Summary

Forecast Stats Download -

The Gross Domestic Product (GDP) in South Sudan was worth 1 billion US dollars in 2019, according to official data from the World Bank. The GDP value of South Sudan represents less than 0.01 percent of the world economy. source: World Bank



South Sudan



PLAY THE CROSSWOP

South Sudan Oil Consortium Funded Militias Accused of Atrocities, Report Says



Soldiers from the Sudan People's Liberation Army at an oil facility in South Sudan in 2014. Much of the government's wealth comes from oil revenue. Andreea Campeanu/Reuters

By Megan Specia

Sept. 19, 2019

f **y x**

LONDON — A South Sudanese oil consortium directly financed militias accused of committing atrocities in the country's civil war, according to an investigative report released on Thursday amid growing calls for accountability for the conflict's human rights abuses.

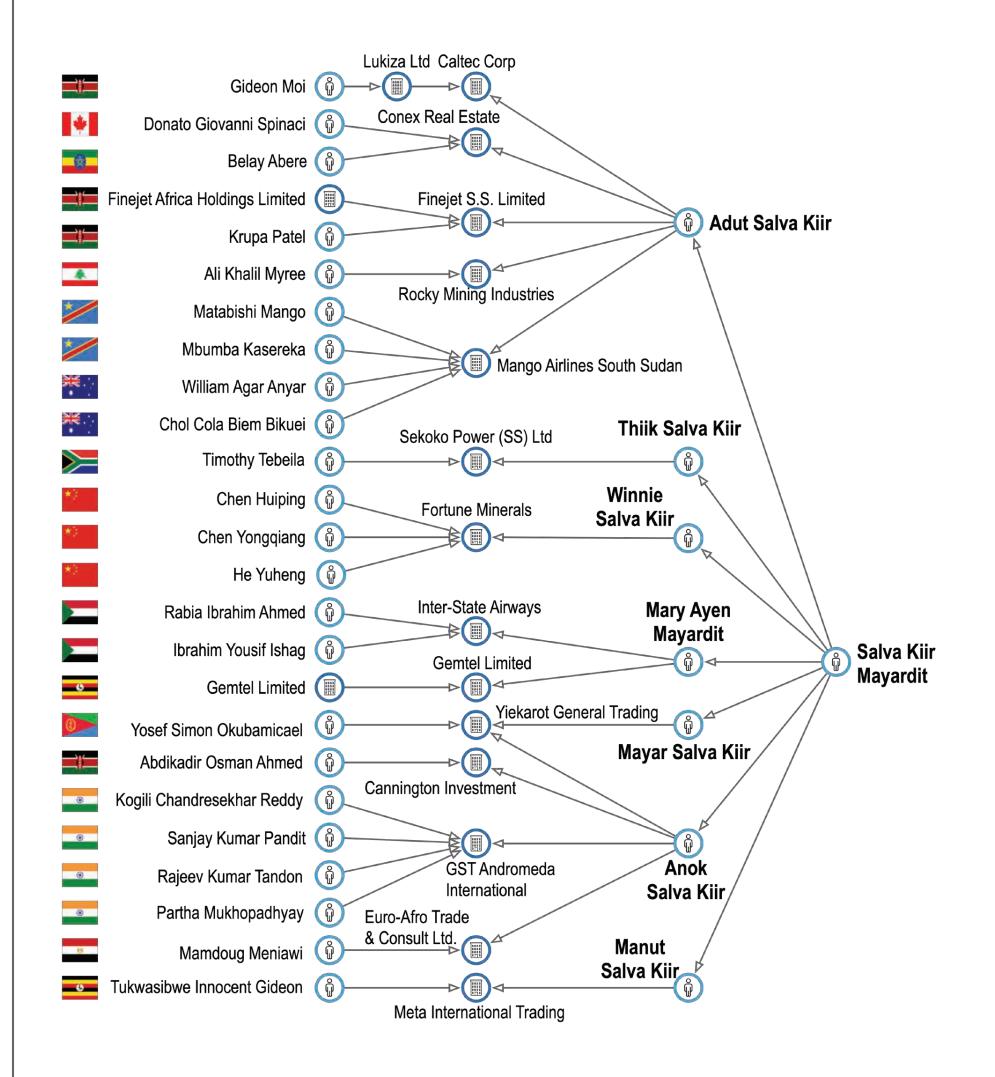
The report by a watchdog group linked the consortium, Dar Petroleum Operating Company, in which Chinese- and Malaysian state-owned oil companies have large stakes, to episodes of violence, corruption and environmental degradation. It also outlined ties between forces loyal to the government of President Salva Kiir and the company, a relationship apparently forged in an effort to protect the oil fields and keep revenues flowing.

South Sudan's oil fields, the primary source of the government's wealth, have long been one of the pathways to finance the civil war. But the detailed report by the watchdog group the Sentry, released at a news conference in London on Thursday, attempts to further shore up the evidence of the international players believed to be complicit in the civil war, which has lasted six years, almost as long



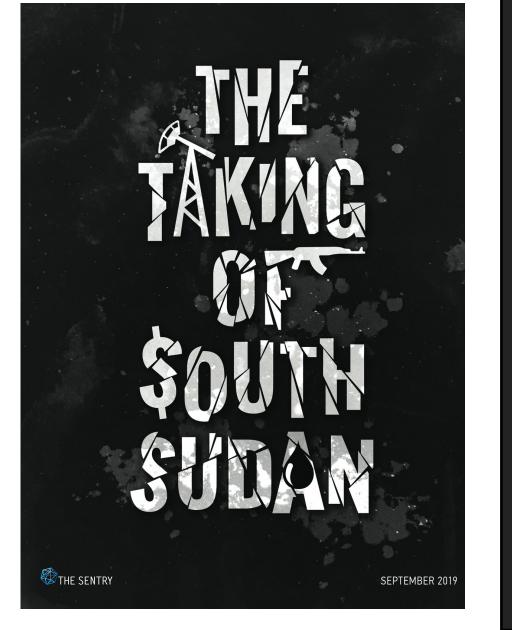
Kiir's global corporate network

Members of President Kiir's immediate family are shareholders and directors in companies alongside dozens of foreign nations from 13 different countries.*



^{*}These relationships represent shareholder, directorship, or beneficial ownership of the given company according to corporate documents on file with The Sentry.





REUTERS ▼

#WORLD NEWS MARCH 22, 2017 / 4:06 AM / 5 MONTHS AGO

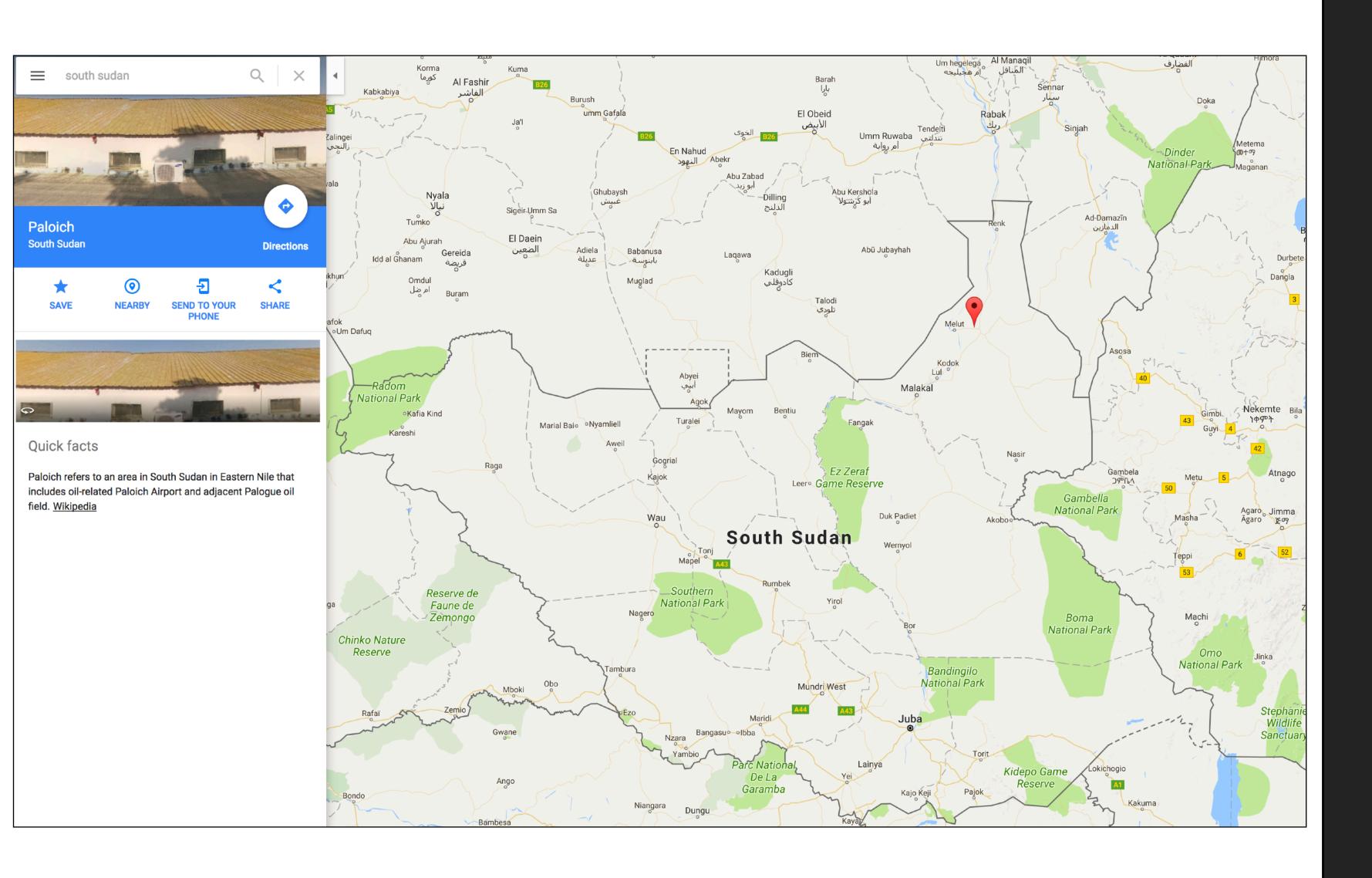
South Sudan says will boost security in oilfields after kidnappings

Denis Dumo

2 MIN READ



PALOCH OILFIELD, South Sudan (Reuters) South Sudan promised to increase security at oil installations on Tuesday, days after rebels kidnapped four oil workers including a Pakistani national in an effort to force foreign companies to leave the country.



SOUTH SUDAN IN FOCUS

August 27, 2020 3:30

David Mono Danga

South Sudan Residents Protest Oil Facilities









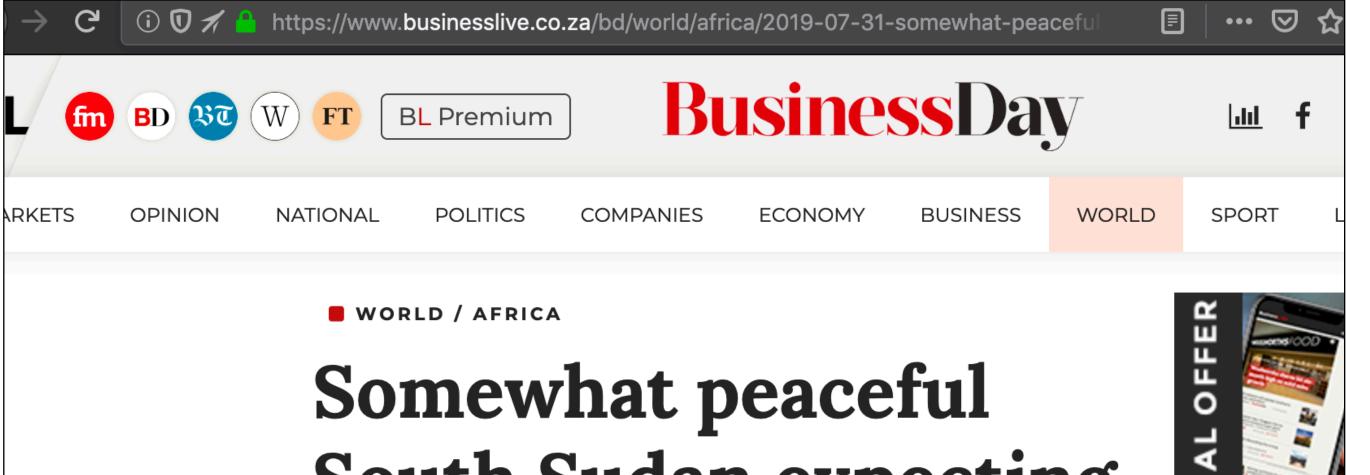




In this photo taken Sept. 27, 2018, a reservoir of polluted water next to an oil field is seen from the air in Palouch, South Sudan.

Residents around South Sudan's Palouch and Melut oil fields in Upper Nile state demonstrated Wednesday for a third consecutive day against environmental

Related



South Sudan expecting FDI of \$1bn this year

SA plans to invest \$1bn partly for oil exploration, and MTN will spend \$30m on its telecoms network in South Sudan, one official says

31 JULY 2019 - 16:59 by OKECH FRANCIS



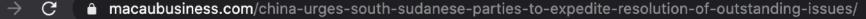


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Investor co returning





MNA International October 1, 2020

China urges South Sudanese parties to expedite resolution of outstanding issues

By Xinhua News Agency



South Sudan's former warring parties have been urged to hasten the resolution of outstanding issues within the signed 2018 peace agreement to realize peace and stability after more than six years of conflict.

Hua Ning, Chinese Ambassador to South Sudan said he was pleased with the positive gains achieved since the signing of the revitalized peace deal in Sudan, but also urged the parties to move fast to conclude the remaining issues.

"China hopes the various parties in South Sudan will continue to consolidate the fruits of peace, accelerate the resolution of the remaining issues, completely eliminate conflicts, and achieve national peace and stability," Hua wrote in an opinion published in the local Dawn newspaper in Juba on Wednesday.

"We are pleased to see that breakthroughs have been made in the peace process in South Sudan this year, with the successful formation of a new transitional government, progress in the formation of local governments, and overall compliance with the ceasefire," he added.

Hua disclosed that the peace process in South Sudan is promising but still facing many challenges.

President Salva Kiir and his first vice president Riek Machar are yet to establish the transitional parliament, debate and pass the amended constitution, as well as train and unify the army despite having formed the new transitional unity government in February.

Hua said China is committed to working with all stakeholders to advance the peace process, develop the economy, and promote people's livelihood.

He said that the year 2021 will mark the 10th anniversary of the independence of South Sudan and the 10th anniversary of the establishment of diplomatic ties between China and South Sudan.

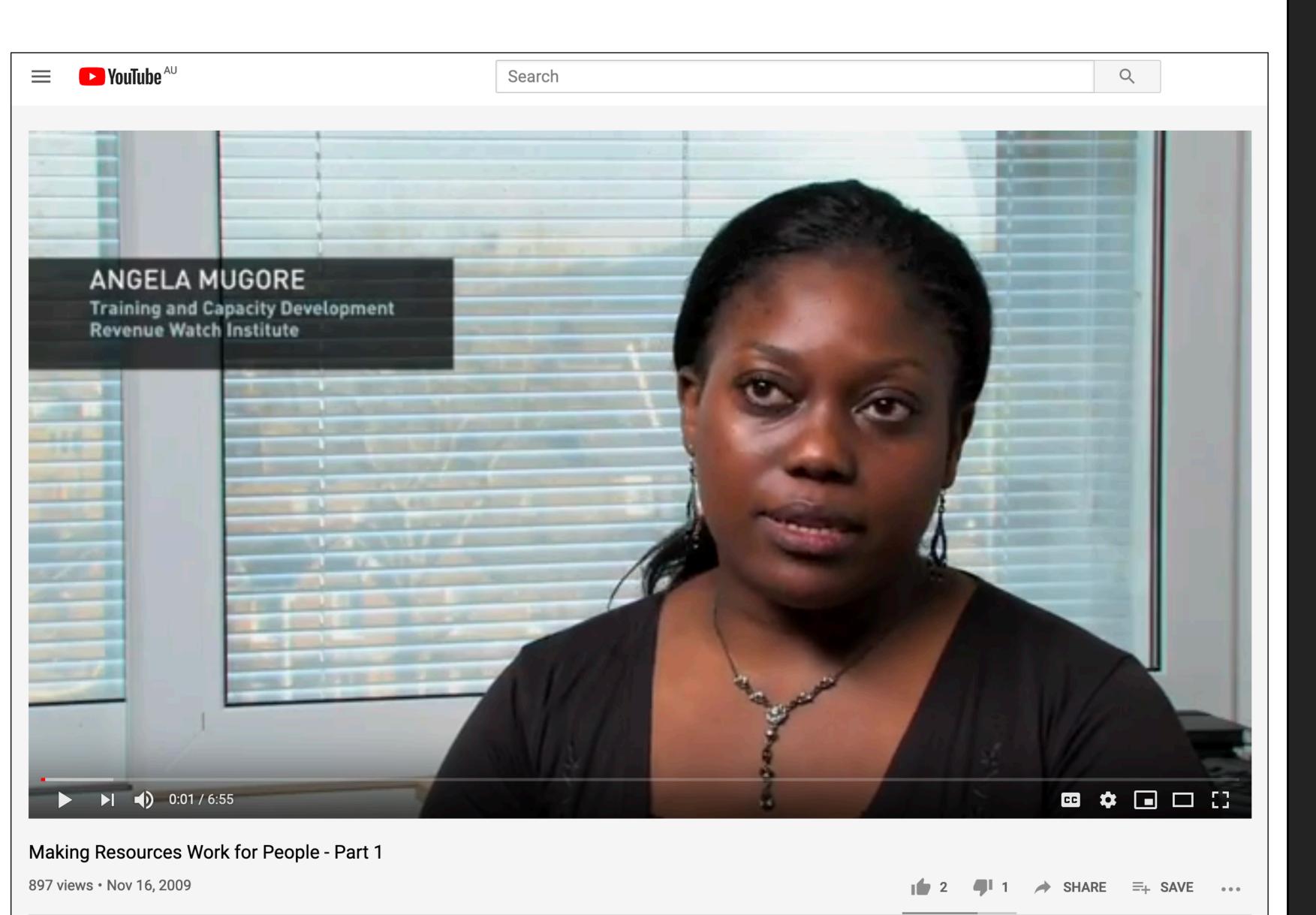
"It is also the 100th anniversary of the founding of the Communist Party of China. These are grand events for both China and South Sudan," he said.

Hua revealed that China will provide 50 million U.S. dollars to the China-FAO South Sudan Cooperation Trust Fund, over a period of two years to help with COVID-19 response and the recovery of the economy.

"Despite the adverse effects of COVID-19, China continues to actively promote cooperation with South Sudan in the fields of education, health, energy, and infrastructure, striving to improve people's livelihood and promote economic recovery," he added.

In late August, the Chinese medical expert team arrived in the youngest nation to share their experience and practices with South Sudan in combating the COVID-19 pandemic.

Beijing has already donated 3,000 tons of rice to South Sudan for flood relief and the unification of the army.



5. South Sudan—Oil and conflict





Less savoury...



International companies and governments fund repressive states and armed groups to extract resources.

Sometimes with side payments...

Elf's legacy in Congo

The trial of 37 former senior executives of the now-defunct Elf, for 'misuse of company assets' to the tune of hundreds of millions of dollars, ended in Paris in mid-November 2003 with the conviction of 30 of the accused. The 600-page indictment listed allegations of corrupt behaviour by top Elf officials including siphoning-off commissions into secret bank accounts, buying multi-million dollar

properties and expensive jewellery and embezzling money for divorce and alimony fees. 10 The penalties handed down included fifteen prison sentences, seven suspended sentences and heavy fines. Loïk Le Floch-Prigent, former chief executive of Elf, was given a five-year sentence and a US\$471,000 (€375,000) fine; Alfred Sirven, his right-hand man, was also sentenced to five years and fined

Affaires Générales (Director of General Affairs), and André Tarallo, known as 'Mr Africa', was a former president of Elf's subsidiary, Elf Congo. André Tarallo admits to acting as Elf's 'secret financier' until 1989, a role he testifies was then taken over by Sirven. His role was to liaise with 'existing heads of state' whilst Sirven developed contacts with opposition leaders. The secret payments and oil-backed loans began in the early 1970s but the company's



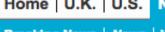
sentenced to five years and fined Convicted: Elf's Tarallo, Sirven and Le Floch-Prigent. Credit: AFP/Getty Images



GNI per capita, PPP (constant 2017 international \$) - Equatorial Guinea International Comparison Program, World Bank | World Development Indicators database, World Bank | Eurostat-OECD PPP Programme. License: CC BY-4.0 (i) Map : Also Show < Share (i) Details Line Thousand ✓ LABEL EQUATORIAL GUINEA 2012 2014 2016 2018 2020 2005 - 2020







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African dictator's Malibu-based son forced to hand back \$30m in assets to people of Equatorial Guinea (but he's allowed to keep his prized Michael Jackson's crystal glove)

- Teodoro Nguema Obiang Mangue will surrender more than \$30m in assets
- These include mansion in Malibu, Ferrari and Michael Jackson memorabilia
- But he will able to keep singer's famous crystal-encrusted 'Bad Tour' glove
- This is because item remains outside the U.S., alongside his 'Thriller' jacket
- Instead, 42-year-old must pay further \$1million to cover value, say officials
- Most of 750,000 people in Equatorial Guinea are currently living in poverty

By SOPHIE JANE EVANS FOR MAILONLINE 💆

PUBLISHED: 14:26 +11:00, 14 October 2014 | UPDATED: 20:38 +11:00, 14 October 2014













The Malibu-based playboy son of an African dictator is being forced to surrender more than \$30million worth of his assets after allegedly stealing money from his own country.

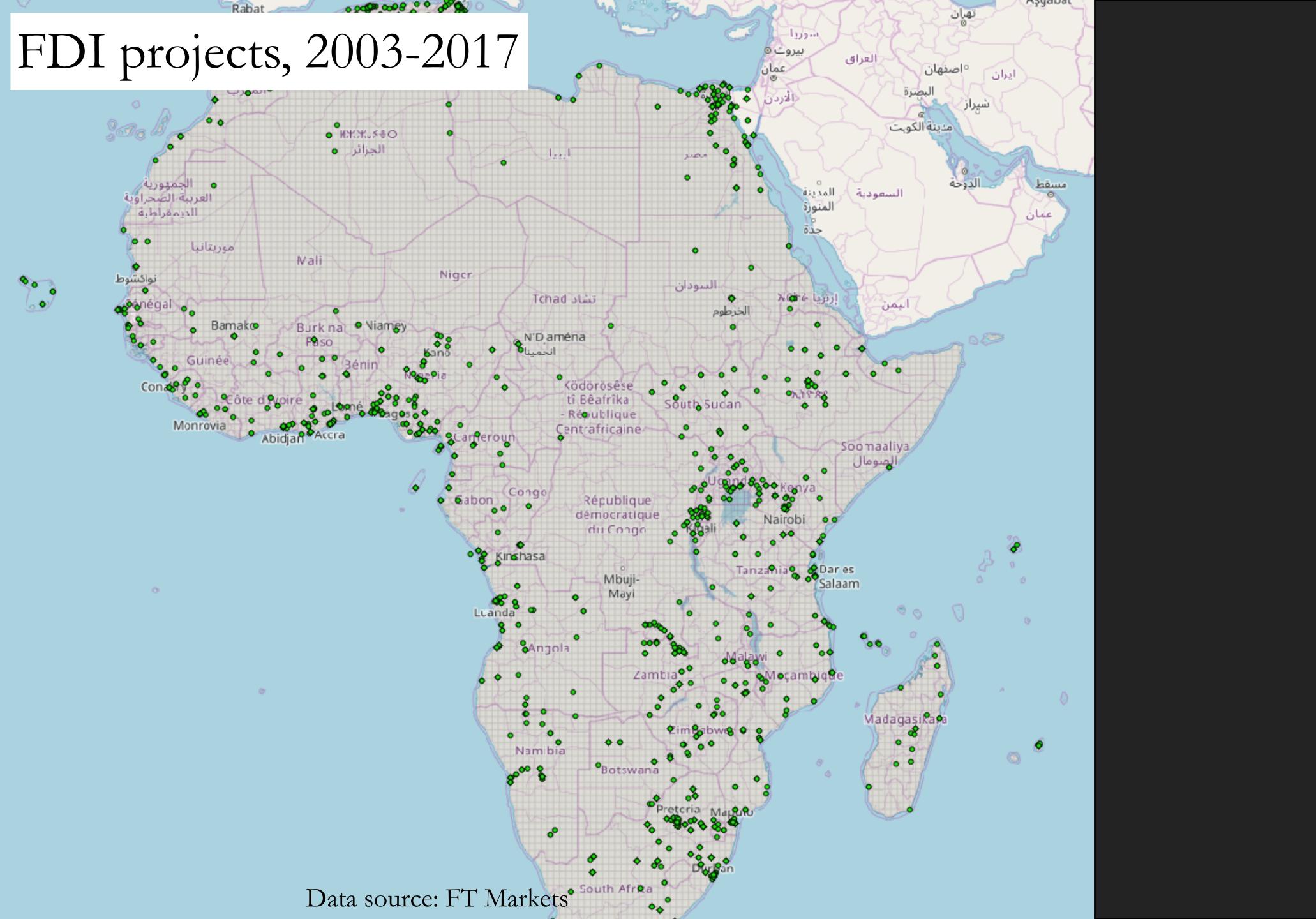
Teodoro Nguema Obiang Mangue, the son of the Equatorial Guinea president, must sell his mansion in California, his Ferrari and most of his Michael Jackson memorabilia under the settlement.

However, he will be able to keep the singer's famous crystal-encrusted 'Bad Tour' glove, a jacket used during the 'Thriller' tour and a \$38.5million Gulfstream jet, as they remain outside the U.S.

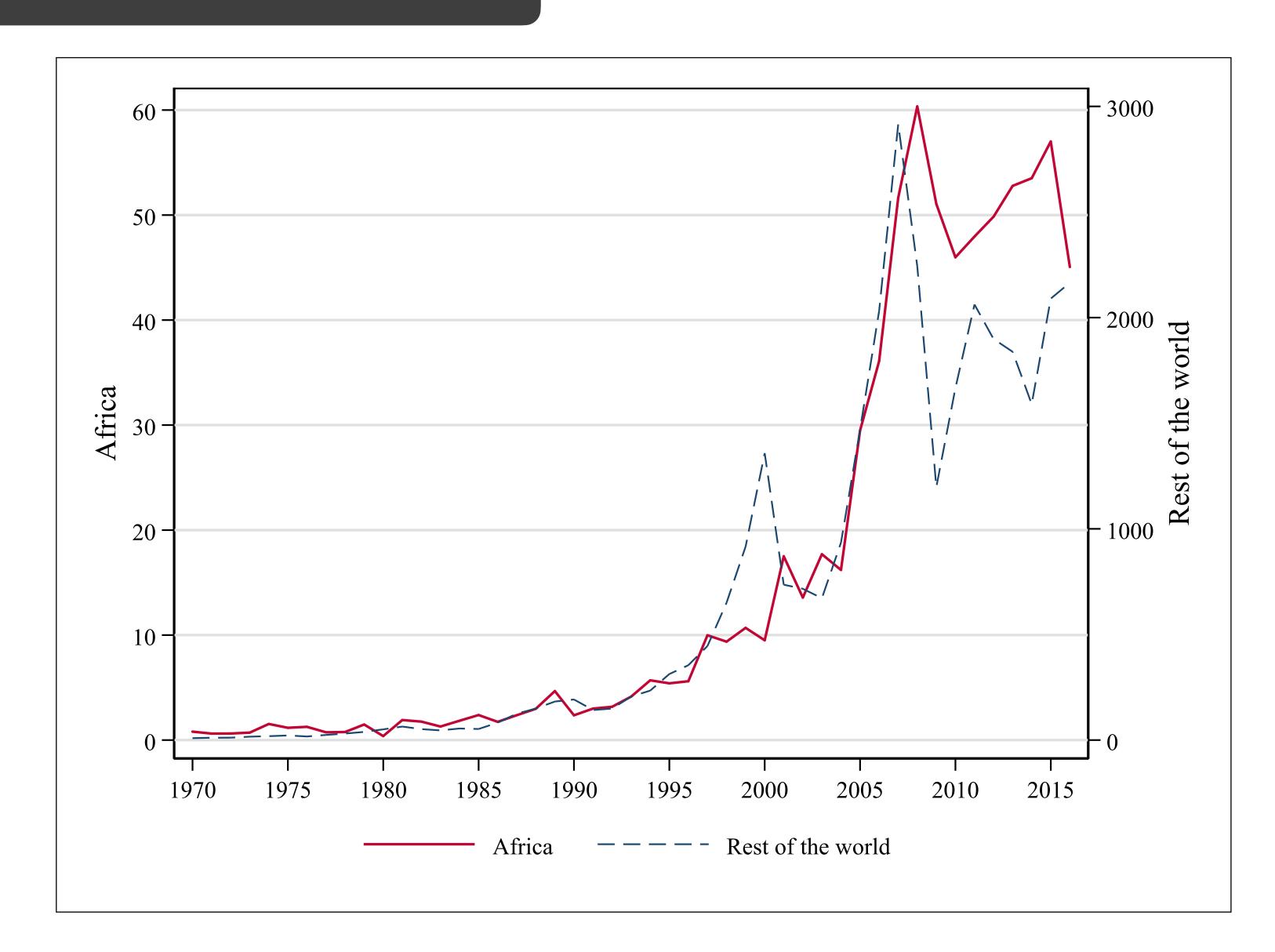






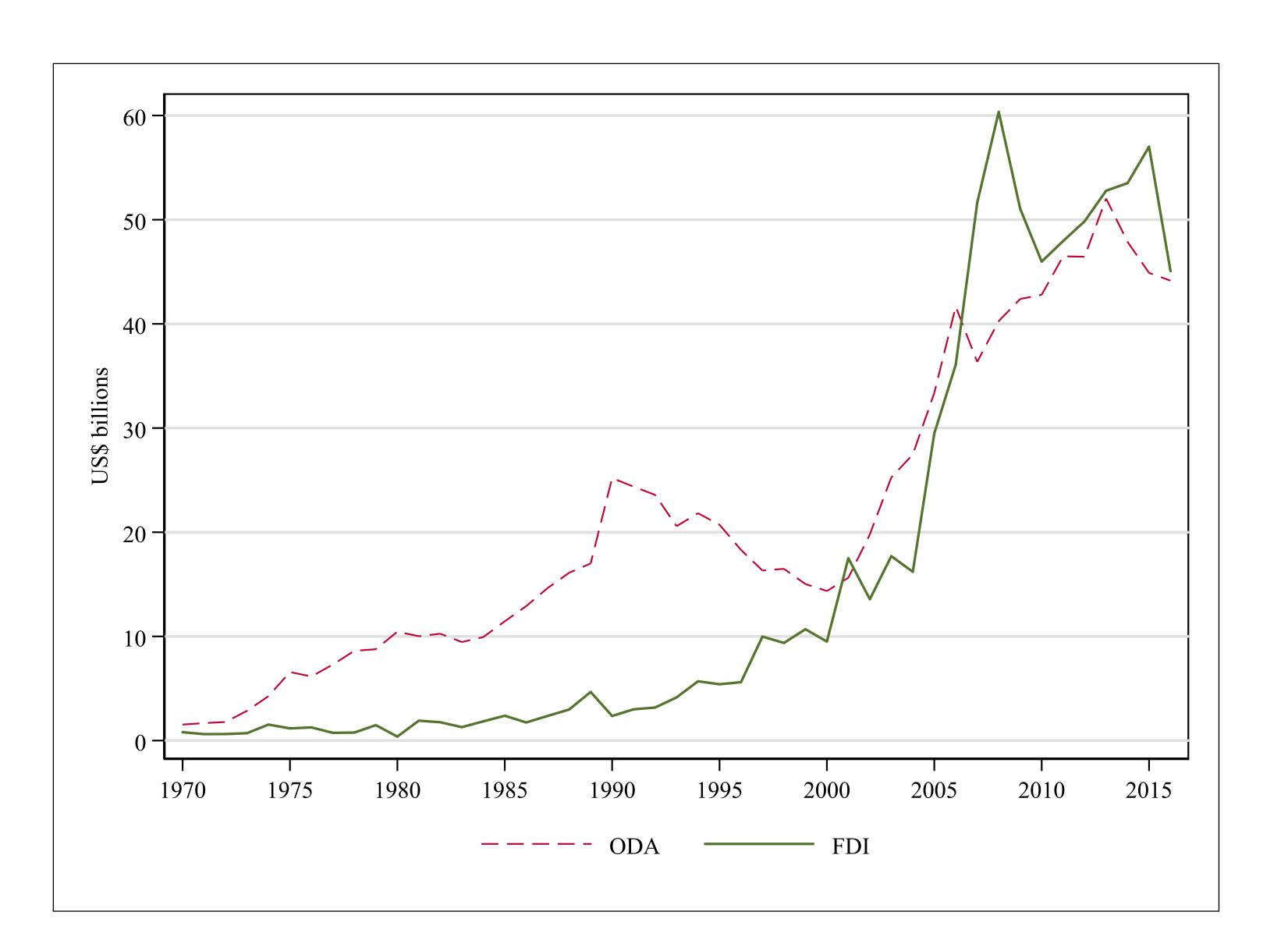


FDI to Africa



Data source: World Bank

More FDI to Africa than aid

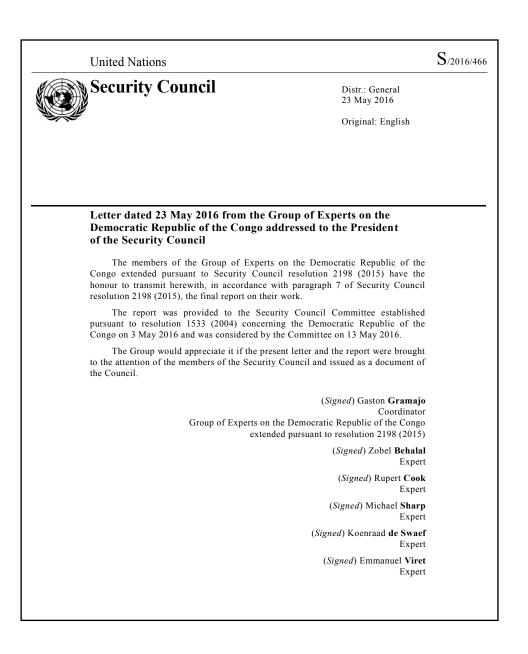


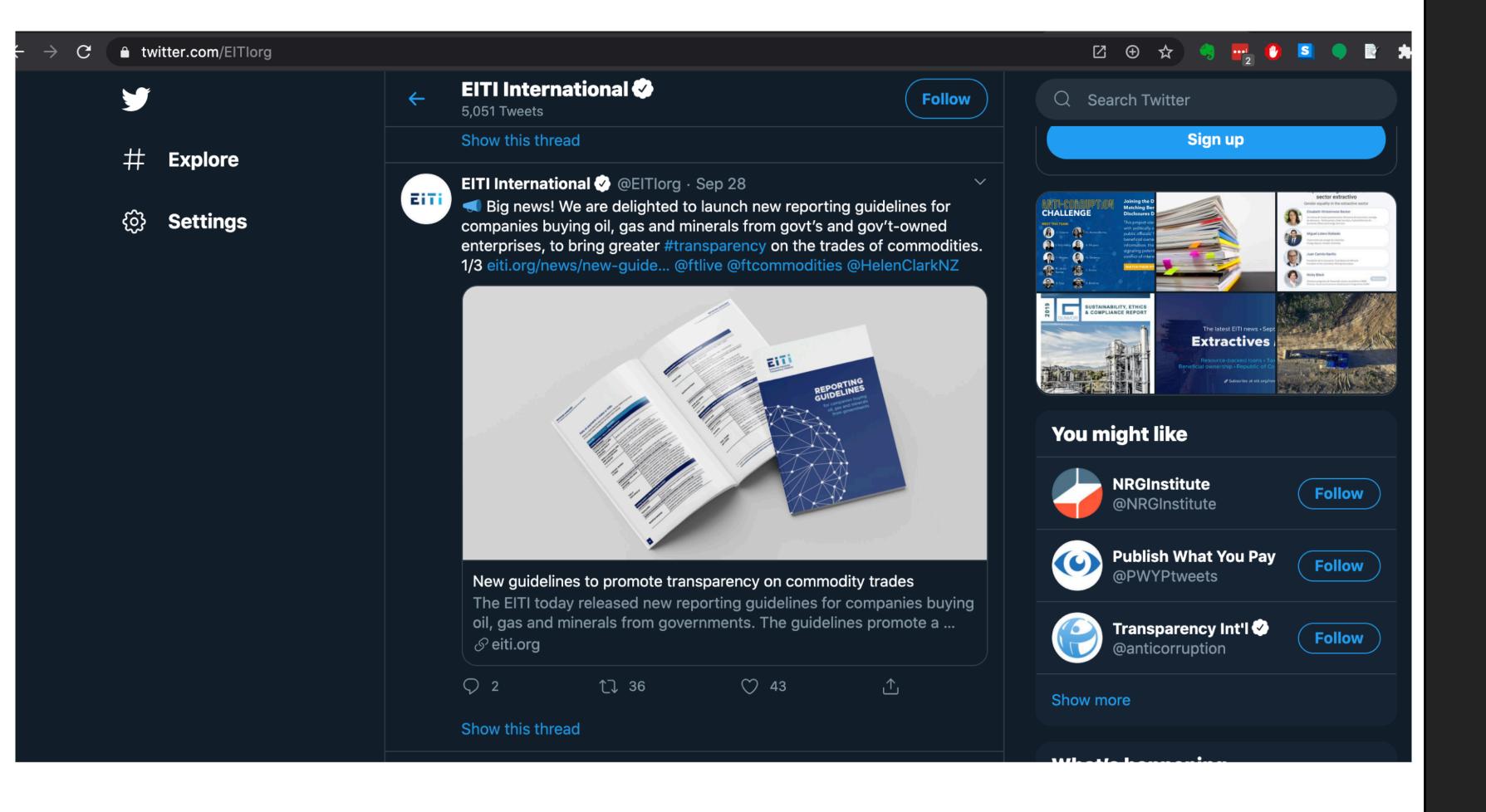
More savoury

The United Nations Security Council, World Bank, and other IO's have tried to increase transparency.

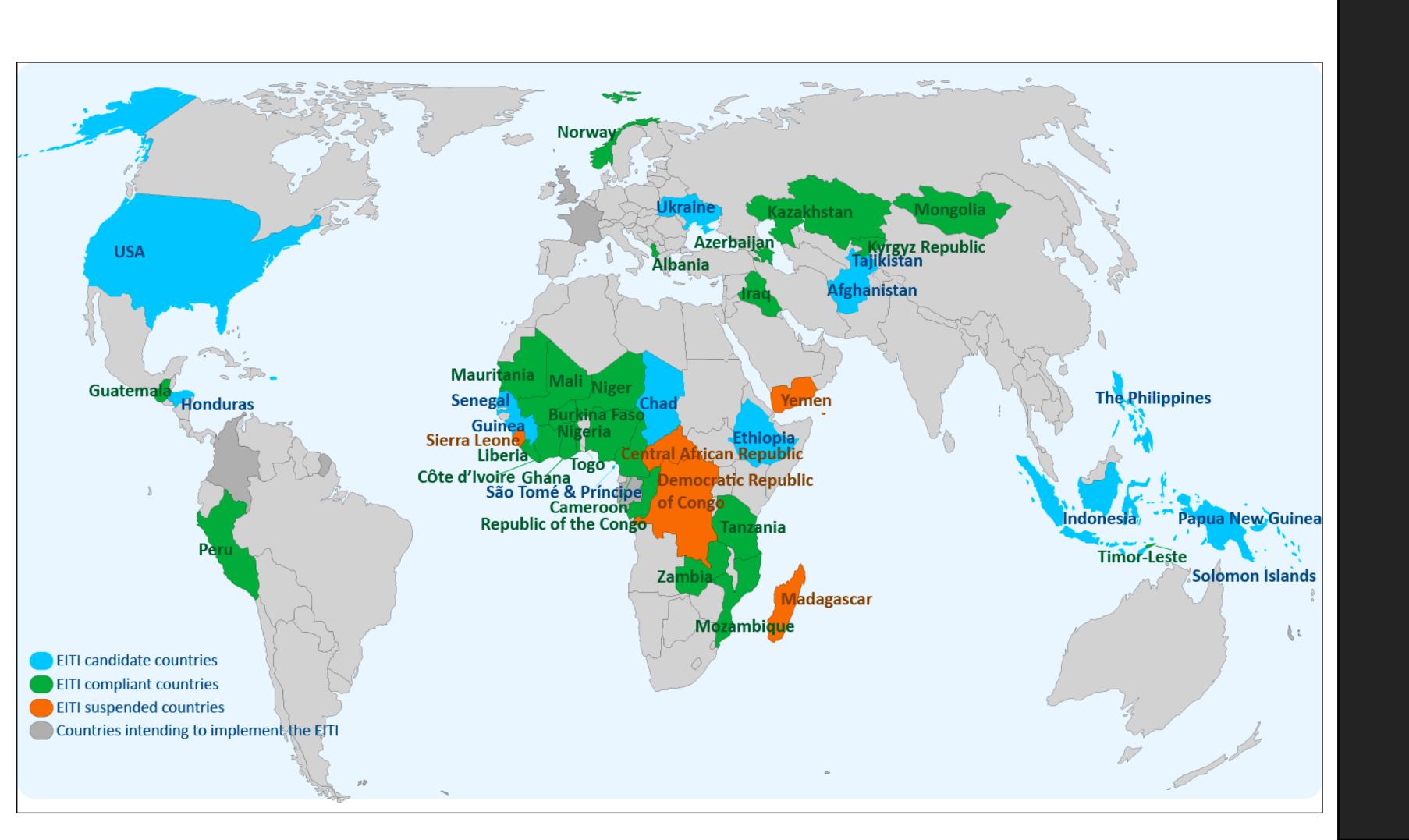
So have non-governmental organisations like Publish What You Fund







Extractive Industries Transparency Initiative (EITI)



Extractive Industries Transparency Initiative (EITI)

Formation: 2003

Global standard to promote open and accountable management of natural resources

56 implementing countries with 31 compliant with 2011 rules

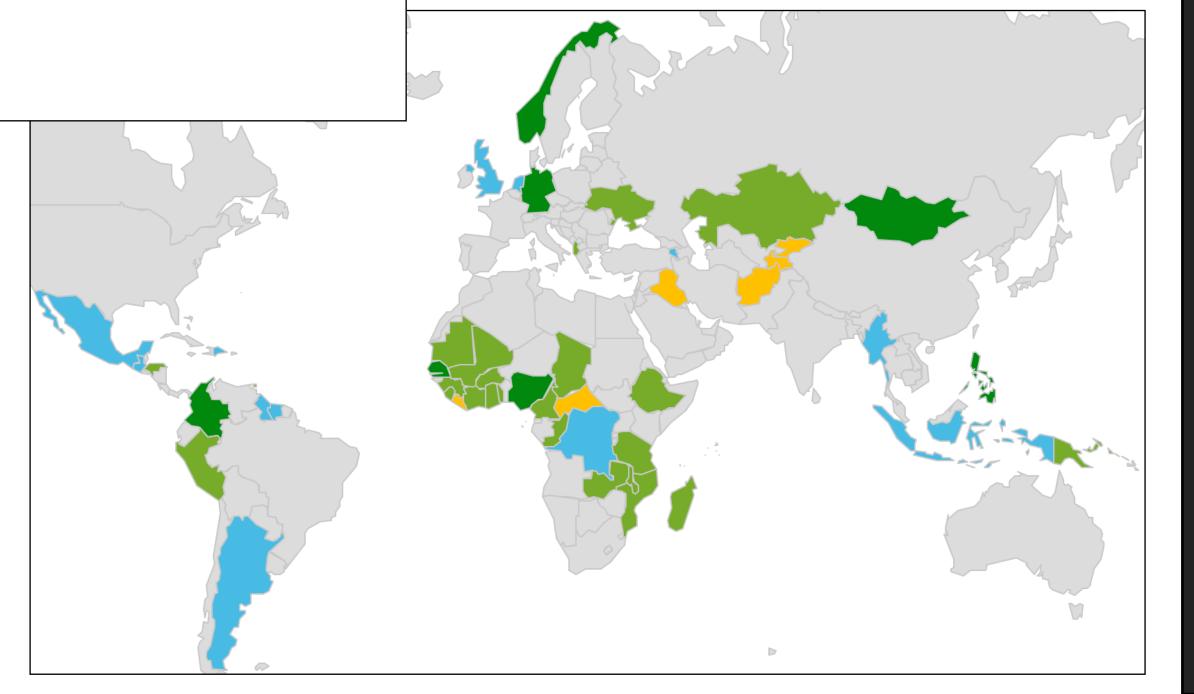
EITI compliant & candidate countries

Implementation status

Overview on how countries are progressing towards meeting the 2016 EITI Standard.

<u>Country statuses explained</u>

- Yet to be assessed against the 2016 Standard
- Satisfactory progress
- Meaningful progress
- Inadequate progress / suspended
- Suspended due to political instability
- Suspended for missing deadline



Afghanistan	Ghana	Mongolia	Sierra Leone
Albania	Guatemala	Mozambique	Solomon Islands
Armenia	Guinea	Myanmar	Suriname
Burkina Faso	Honduras	Niger	Tajikistan
Cameroon	Indonesia	Nigeria	Tanzania
Central African Republic	Iraq	Norway	Timor-Leste
Chad	Kazakhstan	Papua New Guinea	Togo
Colombia	Kyrgyz Republic	Peru	Trinidad and Tobago
Côte d'Ivoire	Liberia	Philippines	Ukraine
Democratic Republic of Congo	Madagascar	Republic of the Congo	United Kingdom
Dominican Republic	Malawi	Sao Tome and Principe	United States of America
Ethiopia	Mali	Senegal	Yemen
Germany	Mauritania	Seychelles	Zambia

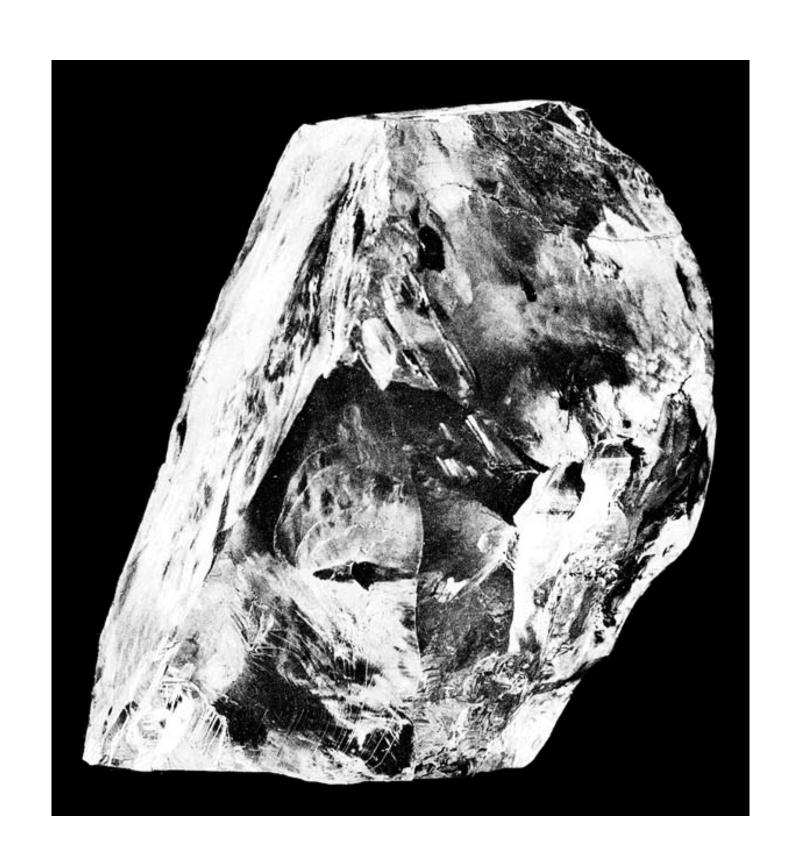
Why is transparency of resource rents seen as being so important?

The Cullinan diamond

Largest gem-quality diamond in the world (3,106.75 carats).

Discovered 1905 in South Africa.

Value: USD\$2 billion





Sceptre with the Cross 530 carats

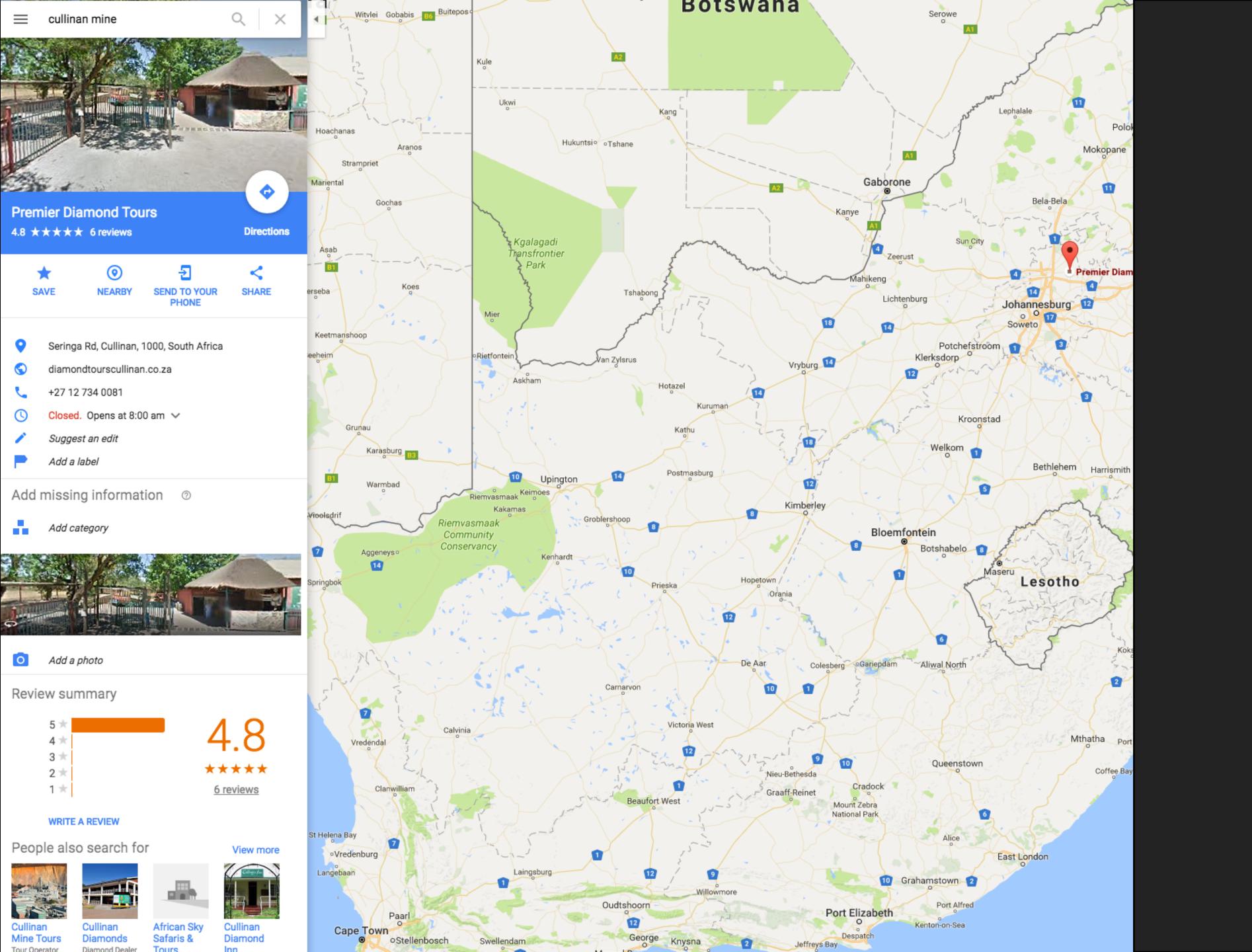


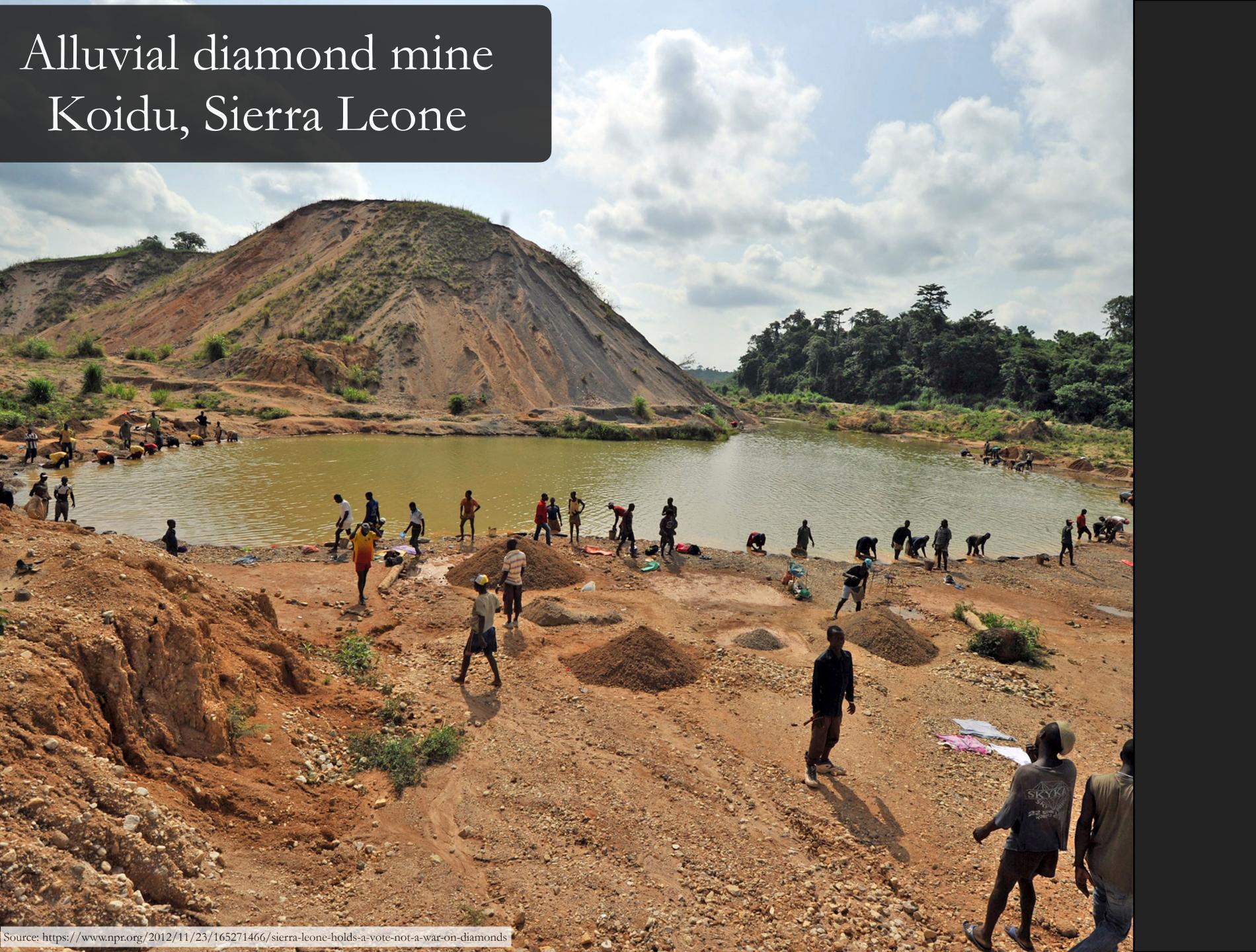


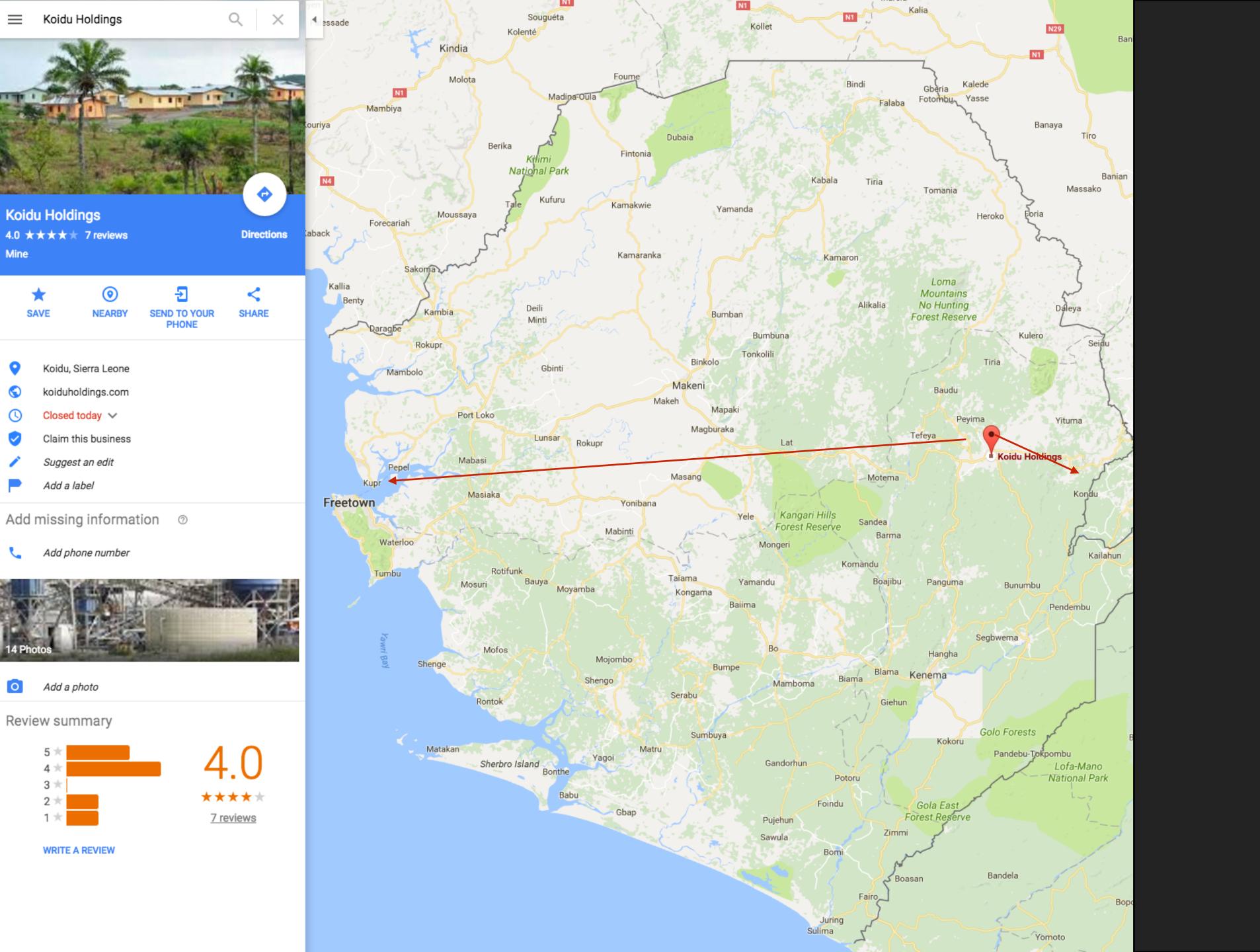
Cullinan mine

South Africa
Currently 747m deep
Can go to 1,000m









Kimberley Process

Launched in 2003

Narrow definition of what constitutes a conflict diamond

"rough diamonds used by rebel movements to finance wars against legitimate governments". Applies only to rough diamonds

The Kimberley Process Certification Scheme (KPCS) outlines the rules that govern the trade in rough diamonds.

As of November 2013, there are **54 participants** representing **81 countries**, with the European Community counting as a single participant.

The participants include all major rough diamond producing, exporting and importing countries (99.8%).

Global Witness suspended their involvement in 2011.

Conclusions

Motivating question: How do natural resources affect a country's political and economic stability?

Multiple mechanisms by which natural resources can affect political institutions and political stability.

Oil has had the greatest effect.

A mix of small and large-scale international efforts have been undertaken to increase transparency.

Unclear what effects transparency will have.

