

BLACK GOLD!

AKA OIL

WHERE DOES IT COME FROM?

- Ground wells & offshore drilling sites



Renewable or Non-Renewable?
Considered a fossil fuel?

WHERE DOES IT COME FROM?

- Sent to oil refineries to be turned into new products



OIL-WHY DO WE EVEN CARE ABOUT IT?

- What are some ways we use oil & petroleum products?
 - Transportation (cars, boats, airplanes, etc.)
 - Plastics
 - Hygiene (Toothpaste, shampoo, soap, shaving cream, deodorant, perfume, nail polish, etc.)
 - Medication
 - Pesticides & Fertilizers
 - Construction materials (tar, asphalt, etc.)
 - And so much more!
 - Gas, heating, pens, pencils, clothing, copiers, backpacks, beach balls, puzzles, Frisbees, motorcycle helmets, sleeping bags, chapstick, trashbags, rugs, curtains, DVDs, iPhones, rain jackets, water bottles, shopping bags, Ziplocs, etc.

PROS & CONS OF HAVING OIL

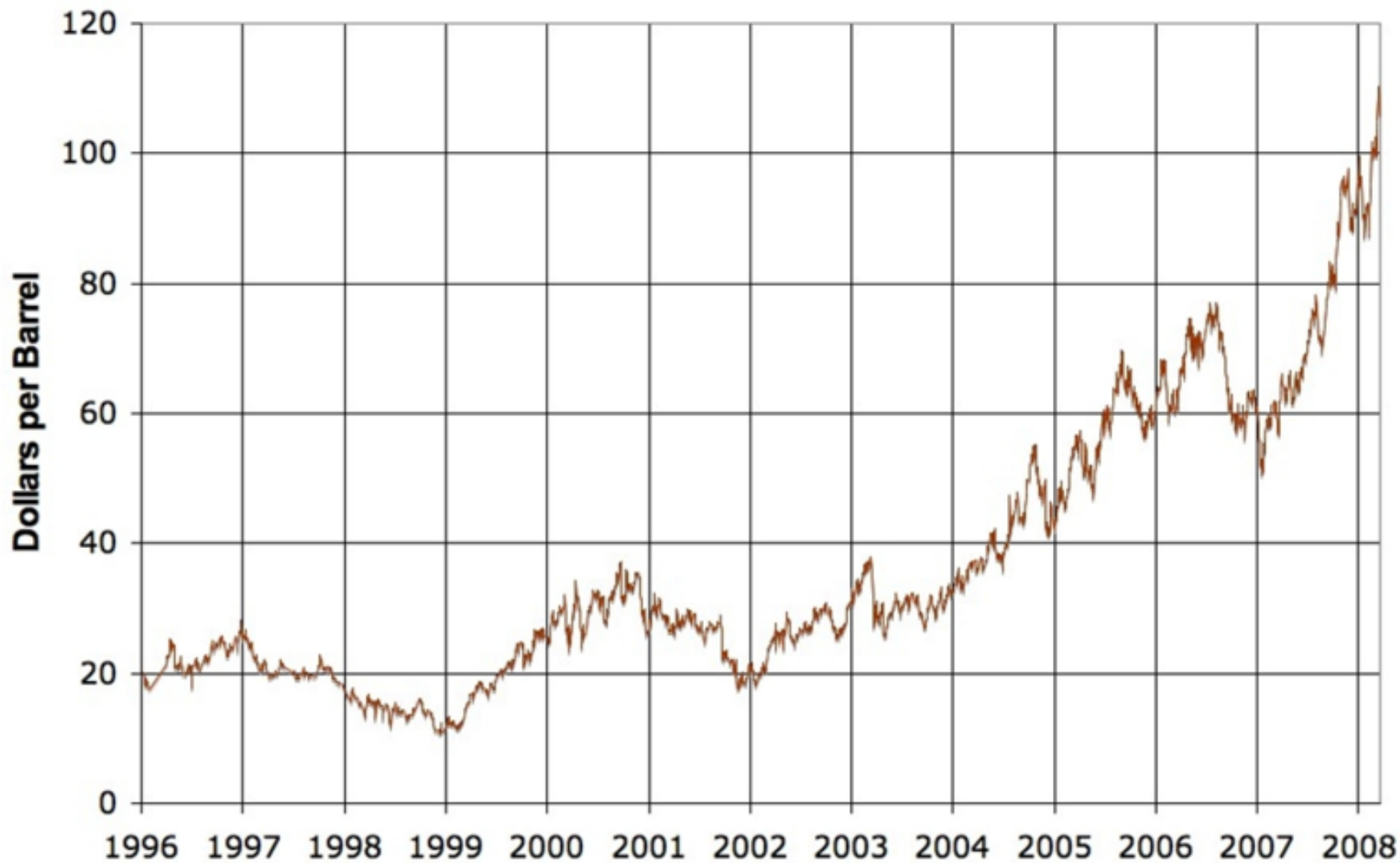
- Pros

- MANY uses & almost everyone wants it (trade)
- You can charge people a lot of \$\$\$ to buy it
- Gives you influence in the world

- Cons

- Non-renewable resource
- Prices and supply are vulnerable for many reasons
- Bad for the environment

Oil Prices, 1994-March 2008 (NYMEX Light Sweet/WTI)



SOURCE: <http://octane.nmt.edu/gotech/Marketplace/Prices.aspx>

Nations Producing More than One MILLION Barrels of Oil per Day

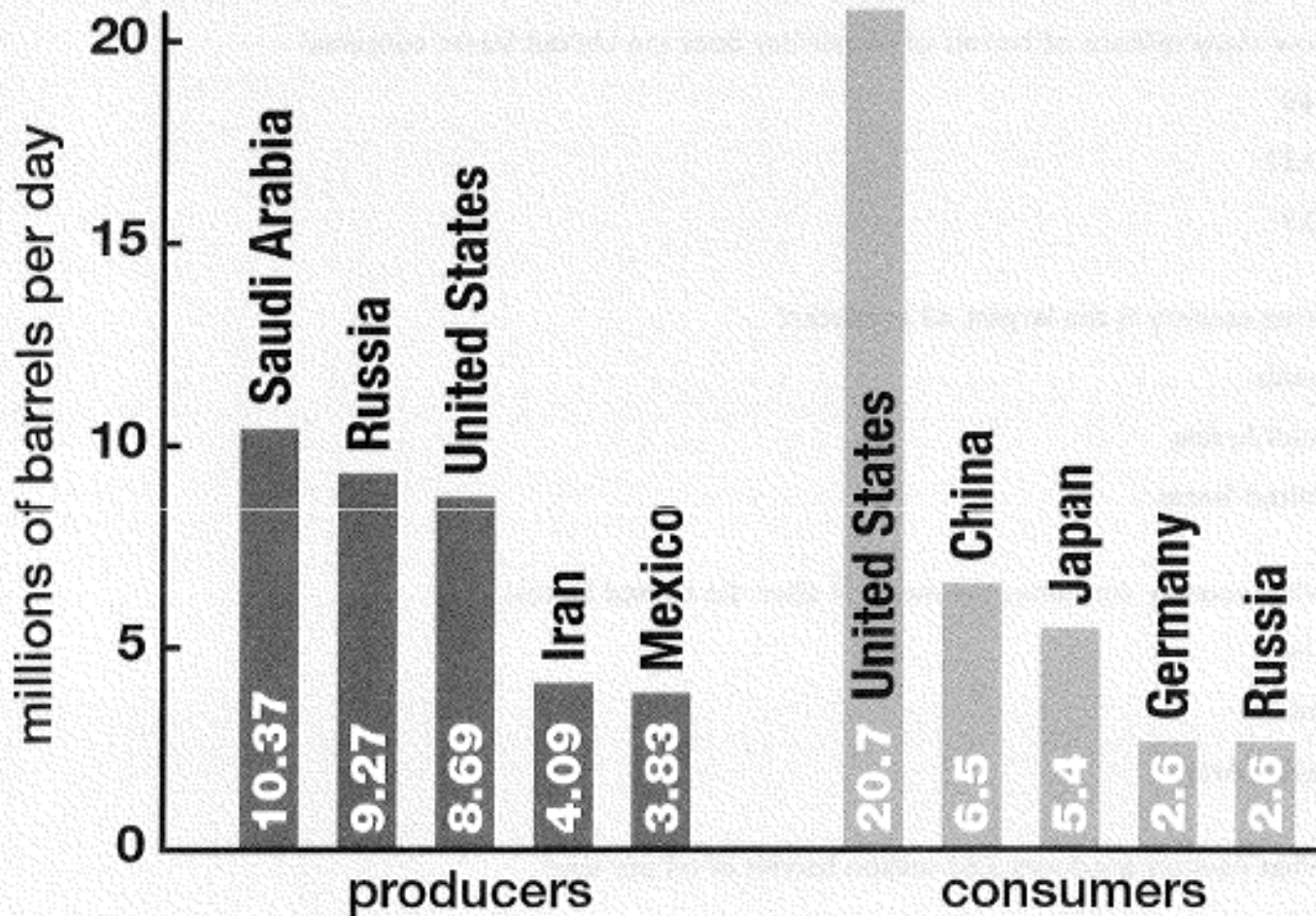
Saudi Arabia	11.1
Russia	9.7
U.S.	8.3
Iran	4.1
Mexico	3.8
China	3.7
Canada	3.1
Norway	3.0
Venezuela	2.8
Iraq	2.0
U.K.	1.9
Libya	1.7
Brazil	1.6
Indonesia	1.1

Statistics in millions of barrels
per day from the
CIA Factbook, 2008

According to the chart, which
continents/regions have a lot of oil?

- Middle East = 4 countries
- North America = 3 countries
- Europe = 3
- Asia = 2
- South America = 2

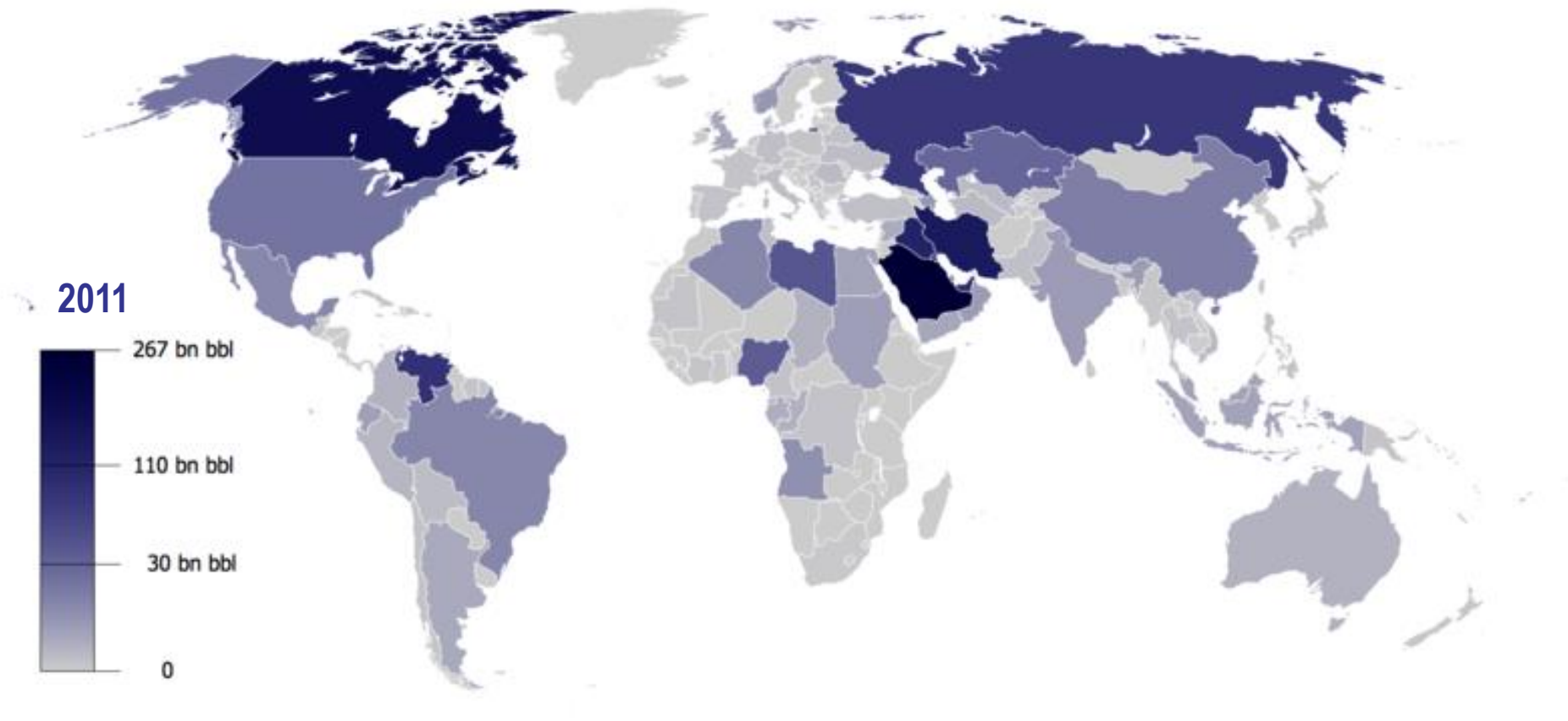
Top Oil Producers and Consumers



How much more oil does the U.S. consume than it produces?

Which country produces more than it consumes?

WORLDWIDE OIL RESERVES:

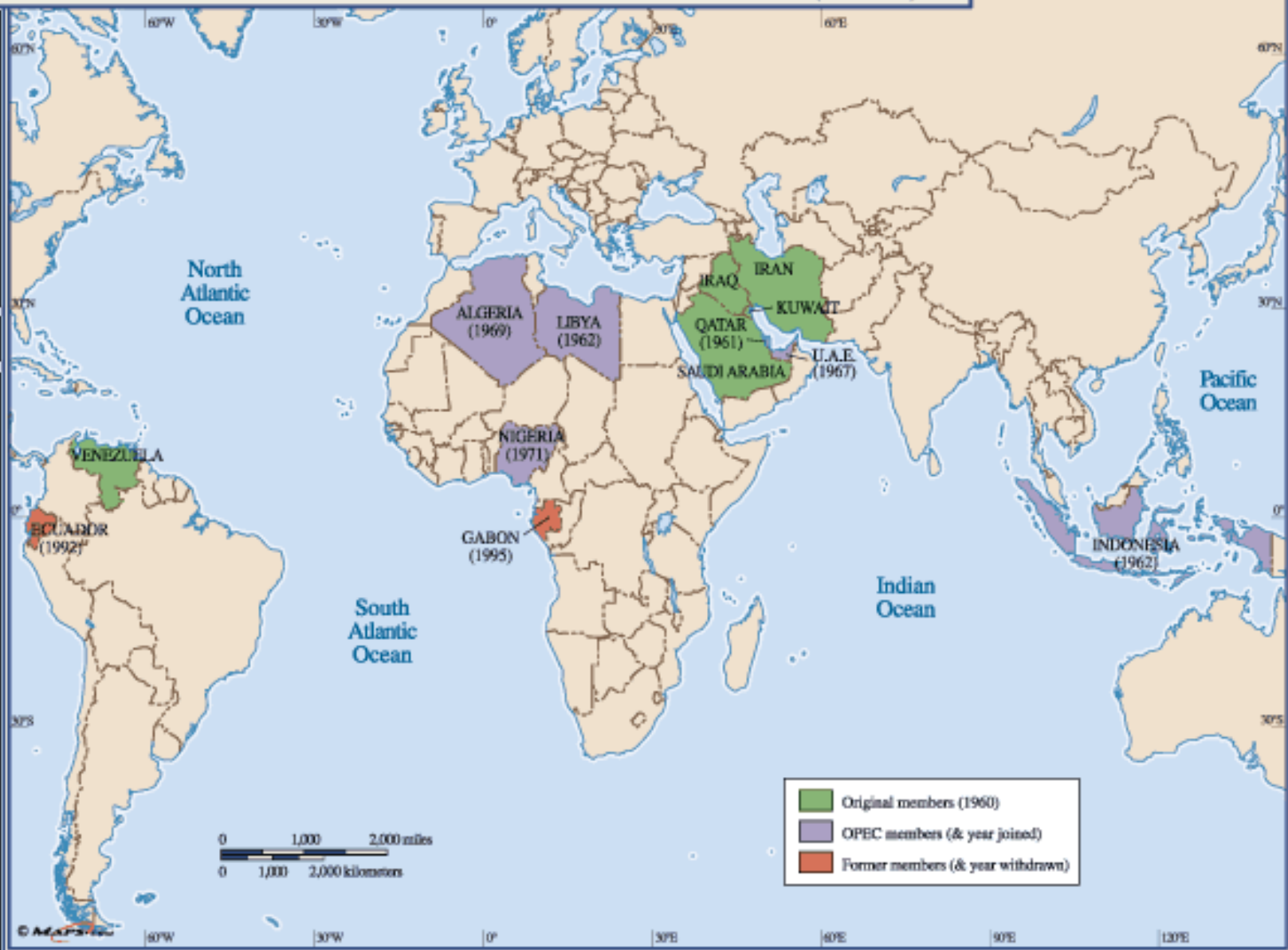




- Organization of the Petroleum Exporting Countries
- an international organization whose members work to influence the price of oil on world markets by controlling the supply.

OPEC MEMBER NATIONS:

ORGANIZATION OF PETROLEUM EXPORTING COUNTRIES (OPEC)



OPEC NEWS CLIP

1. Why do you think a country would want to join OPEC?
2. Why might some oil-exporting countries choose not to belong to OPEC?
3. Why are people suing OPEC and non-OPEC countries?
4. How did OPEC specifically do to influence the price of oil/gas?
5. What does OPEC say about influencing the price of oil?
6. Do you think it's fair for OPEC to decide how much oil they're putting on the world market?
7. Do you think it is okay for other organizations to control the supply of their products in order to influence price? Why or why not?
8. What are some ways that OPEC might influence your daily life?

Demand	Supply	Price
	unchanged	
	unchanged	
unchanged		
unchanged		

SOME THINGS THAT AFFECT OIL PRICES:

- Supply
 - No one knows for sure how long the oil will last.
 - More supply = lower prices, Less supply = higher prices
- Demand
 - As countries become more industrialized & developed, they need more oil & petroleum products.
 - More demand = higher prices, Less demand = lower prices
- Political Unrest
 - Turmoil in Middle East = (???) oil prices
- Natural Disasters
 - Usually leads to a(n) increase/decrease in prices?

	Population	Area	Per Capita Income	Life Expectancy	TVs per 1,000
Afghanistan	29.9 million	250,001	\$800	42.9	14
Iran	68 million	636,296	\$7,700	70.0	154
Iraq	26.1 million	168,754	\$3,500	687	82
Israel	6.3 million	8,019	\$20,800	79.3	328
Jordan	5.8 million	35,637	\$4,500	78.2	83
Kuwait	2.3 million	6,880	\$21,300	77.0	480
Lebanon	3.8 million	4,015	\$5,000	72.6	355
Oman	3 million	82,031	\$13,100	73.1	575
Qatar	863,100	4,416	\$23,200	73.7	866
Saudi Arabia	26.4 million	756,985	\$12,000	75.5	263
Syria	18.4 million	71,498	\$3,400	70.0	68
Turkey	69.7 million	301,383	\$7,400	72.4	328
UAE	2.6 million	32,000	\$25,200	75.2	309
Yemen	20.7 million	203.850	\$800	61.8	286
United States	295.7 million	3,718,710	\$40,100	77.7	844

WHAT OIL MONEY CAN BUY YOU



QATAR SOCCER STADIUM

ARTIFICIAL CLOUD WILL KEEP STADIUM COOL DURING 2022 WORLD CUP



Qatar, 2022 World
Cup

DUBAI IN THE 1950S

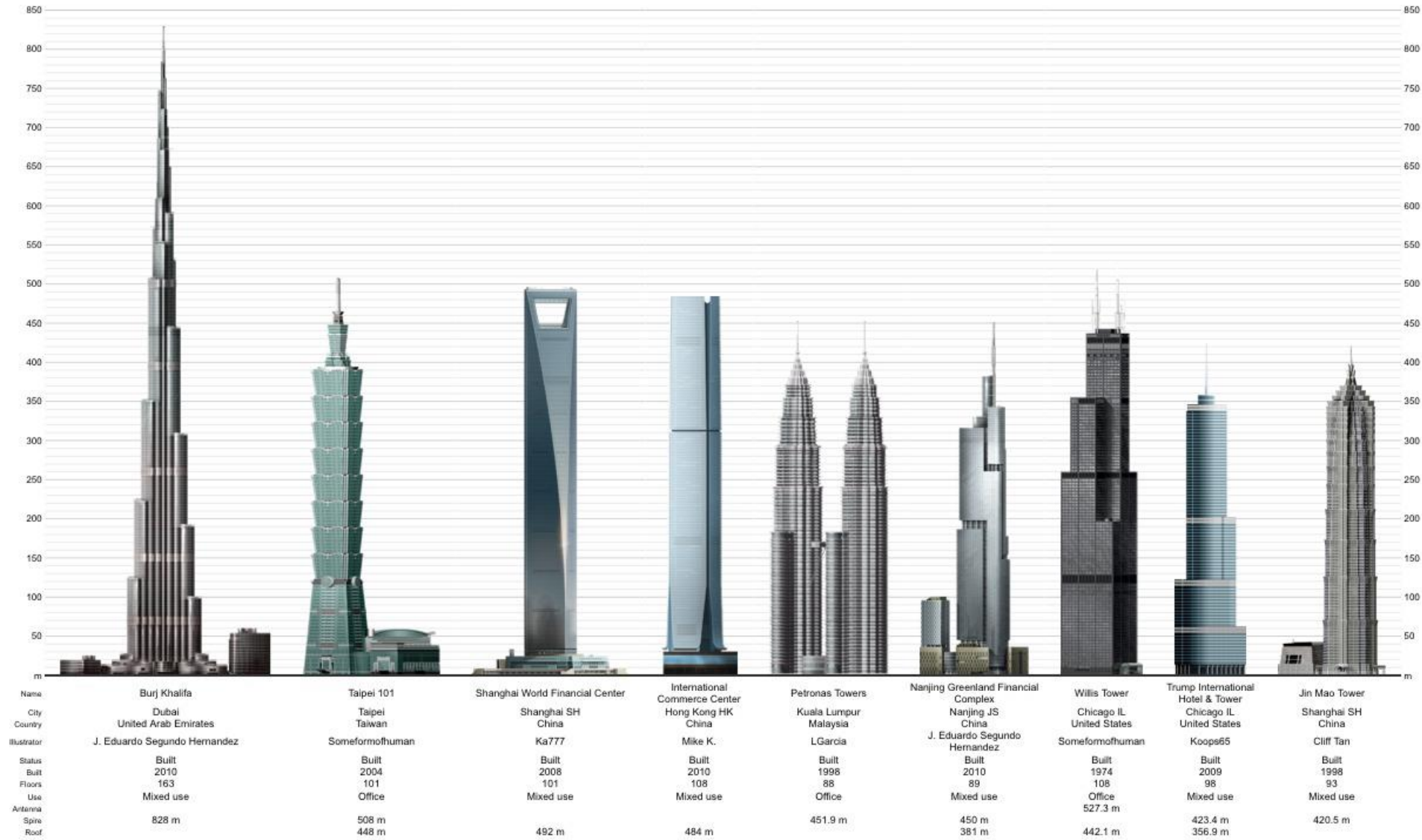


- Dubai Tourism Video

DUBAI 2013: BURJ KHALIFA



HOW DOES THE BURJ KHALIFA STACK UP?



DUBAI 2013: PALM JUMEIRAH

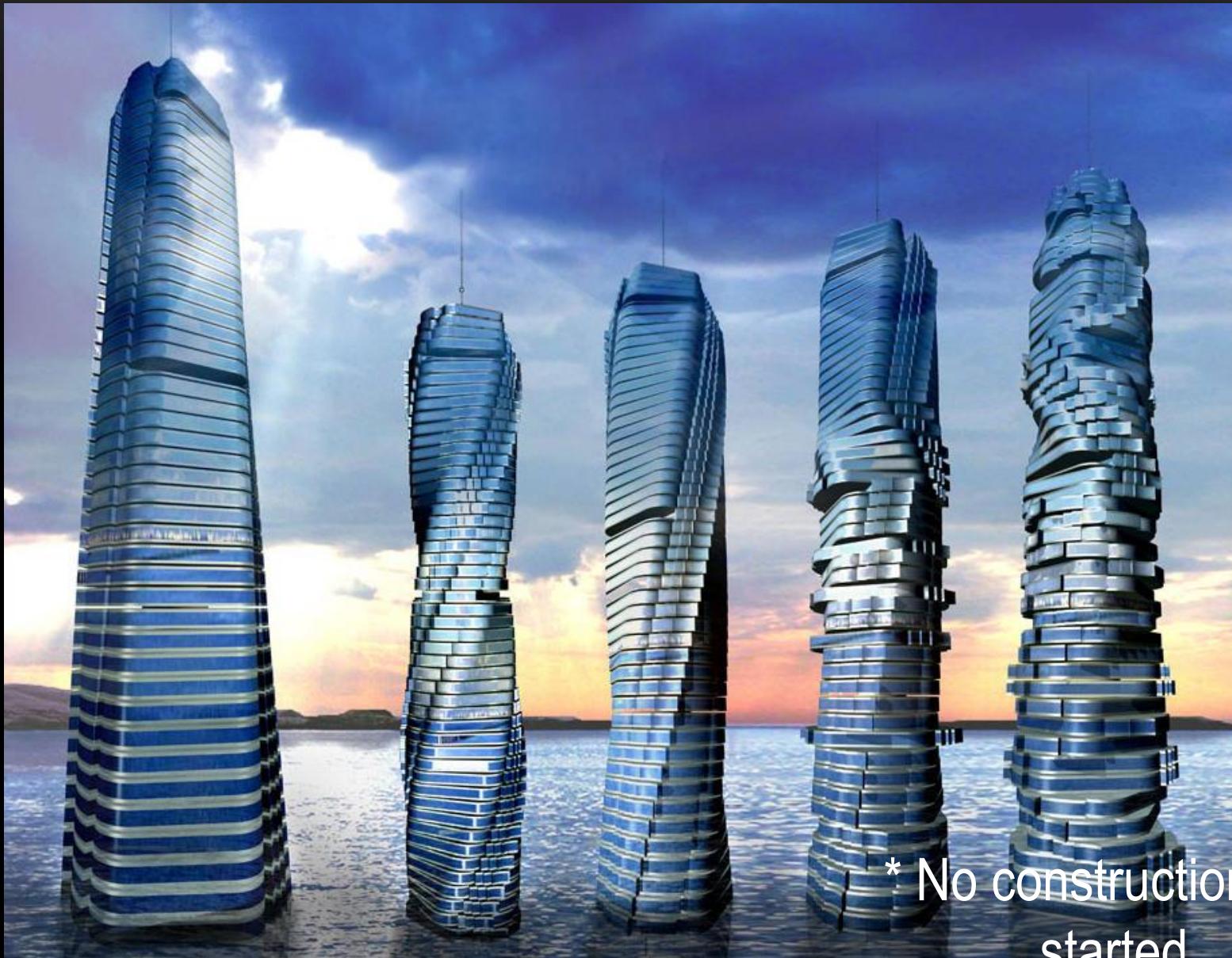






DYNAMIC TOWER

FLOORS WILL ROTATE TO CREATE DIFFERENT SHAPES

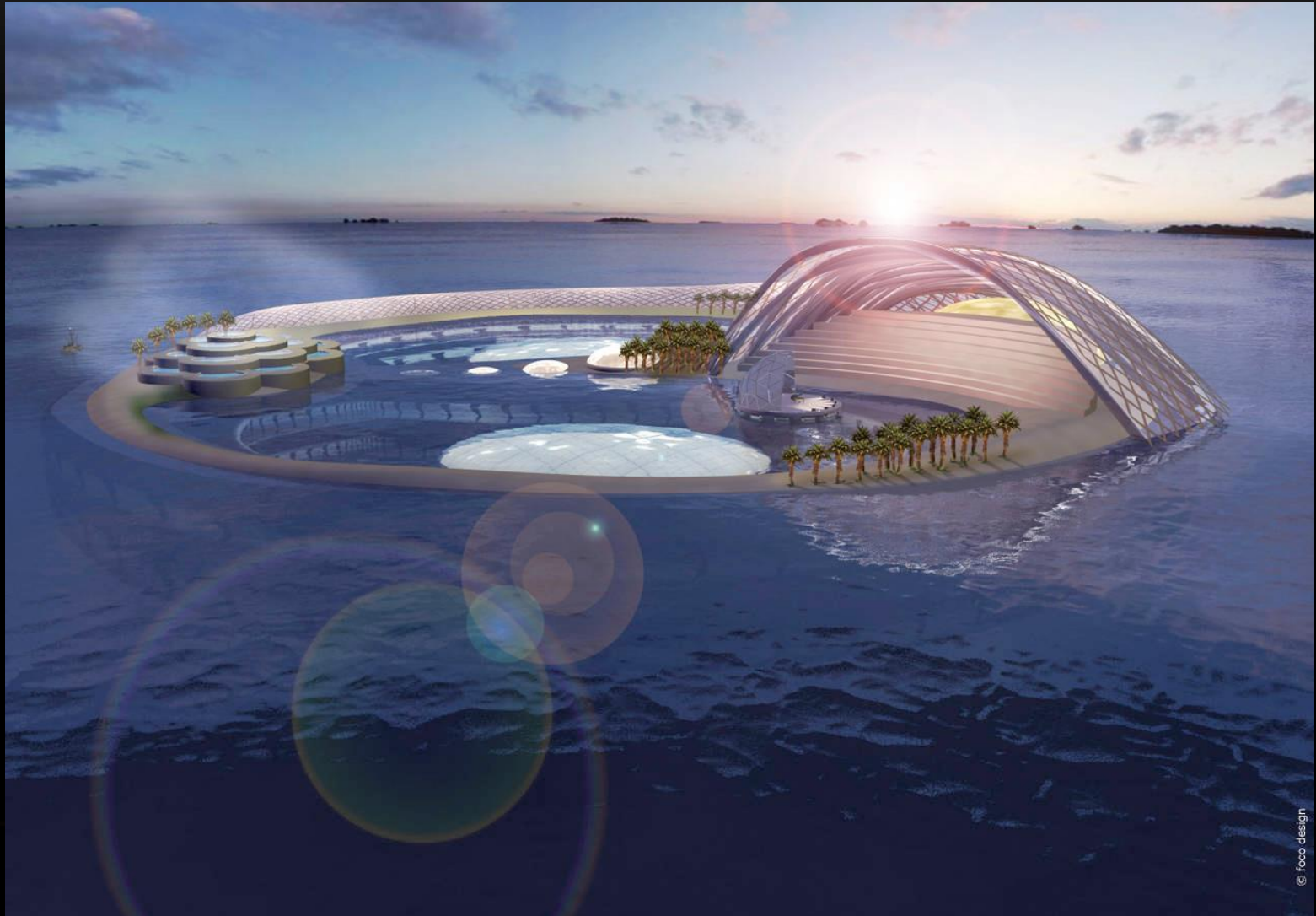


* No construction has started

HYDROPOLIS

UNDERWATER HOTEL-66' UNDER

* No construction has started



BURJ AL ARAB

“7 STAR HOTEL”

**Most Expensive Suite =
\$19,000/night**



Cheapest Room = \$1270 USD

Deluxe One-Bedroom Suite:

1830 square feet (3 times the size of this room)

- 1 King Bed
- 2 Twin Beds for Kids
- Sea view
- Dining table for 4
- Living Room
- Luxury toilet
- Jacuzzi
- Fax & laptop
- Dressing area
- 2 private bars
- Guest bathroom
- Safe
- Breakfast buffet
- Plasma TV
- Chauffeur driven Rolls Royce, Mercedes-Benz or helicopter













- Legoland
- DreamWorks Park
- Six Flags
- Marvel Superheroes Park
- Warner Bros. Movie World
- Universal Studios
- & More

Twice the size of Disneyworld in Orlando (including Epcot, Hollywood Studios, Magic Kingdom, and Animal Kingdom)

MALL OF THE EMIRATES

6,500,000 SQ. FEET



Ski Dubai





PENGUINS AT THE MALL!





DUBAI TOWERS (CURRENTLY ON HOLD)





Atlantis Hotel, Dubai

EMIRATES GOLF CLUB



EMIRATES PALACE HOTEL





- Sheikh Mohammed bin Rashid al Maktoum
 - Prime Minister of UAE and constitutional monarch of Dubai

- Sheikh Hamdan bin Mohammed bin Rashid al Maktoum
 - Crown Prince of Dubai





monacoeye.com

525' Yacht, Owned by the crown prince of Dubai
(Most cruise ships are ~900 ft.)

- Sheikh's Car Collection





\$1 million car-Saudi Arabia

Dubai Travel Poster

Design a travel poster highlighting your favorite attraction(s) in Dubai. Your poster should fill up the entire paper, be creative & colorful, and make people want to visit Dubai.

I will be grading based on these characteristics:

- Poster fills up the entire paper & is completely colored
- Shows that you put lots of time & effort into the project
- Features an attraction from Dubai
- Displays the word “Dubai” so people know where to visit
- Creativity
- General attractiveness