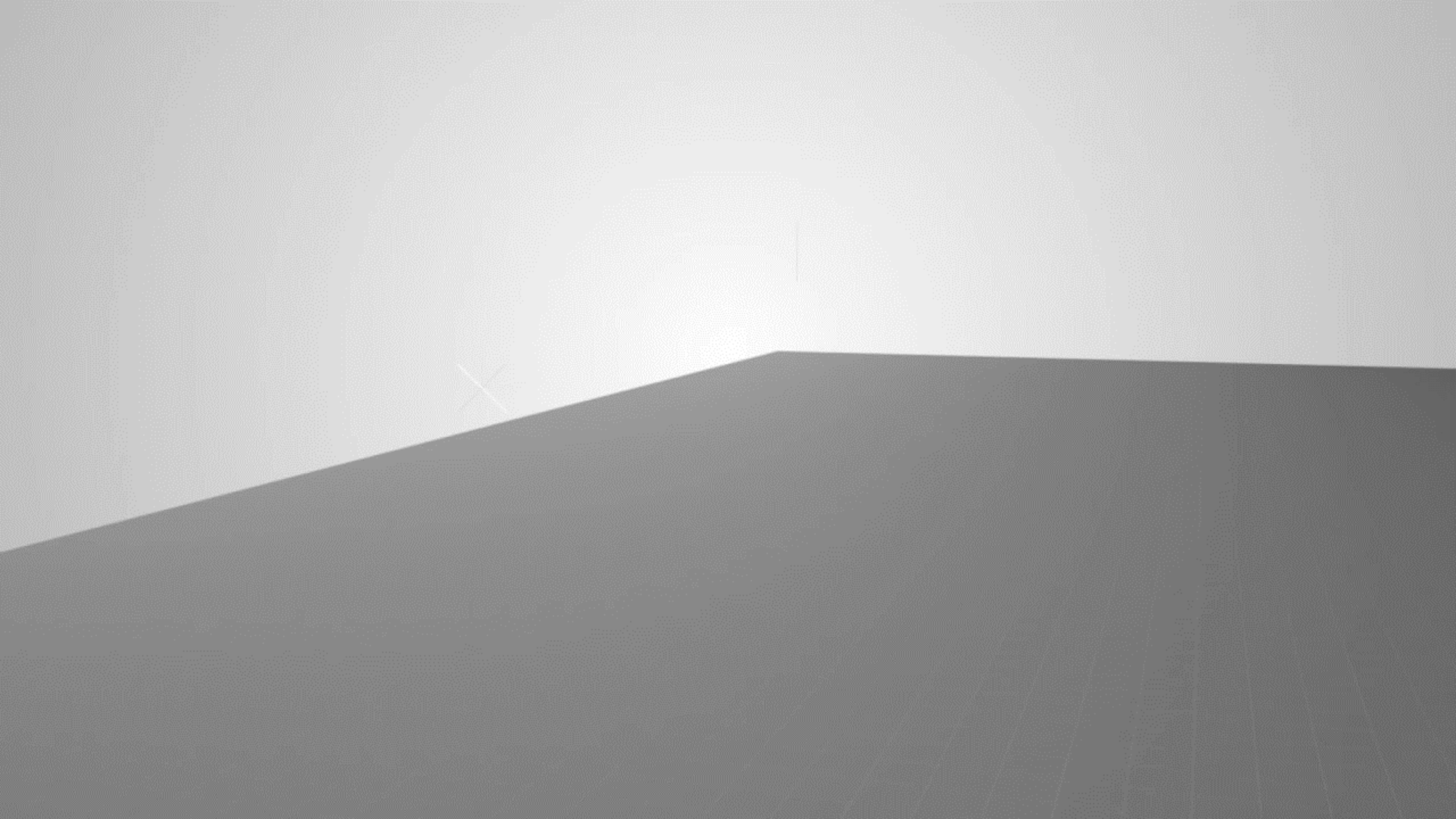


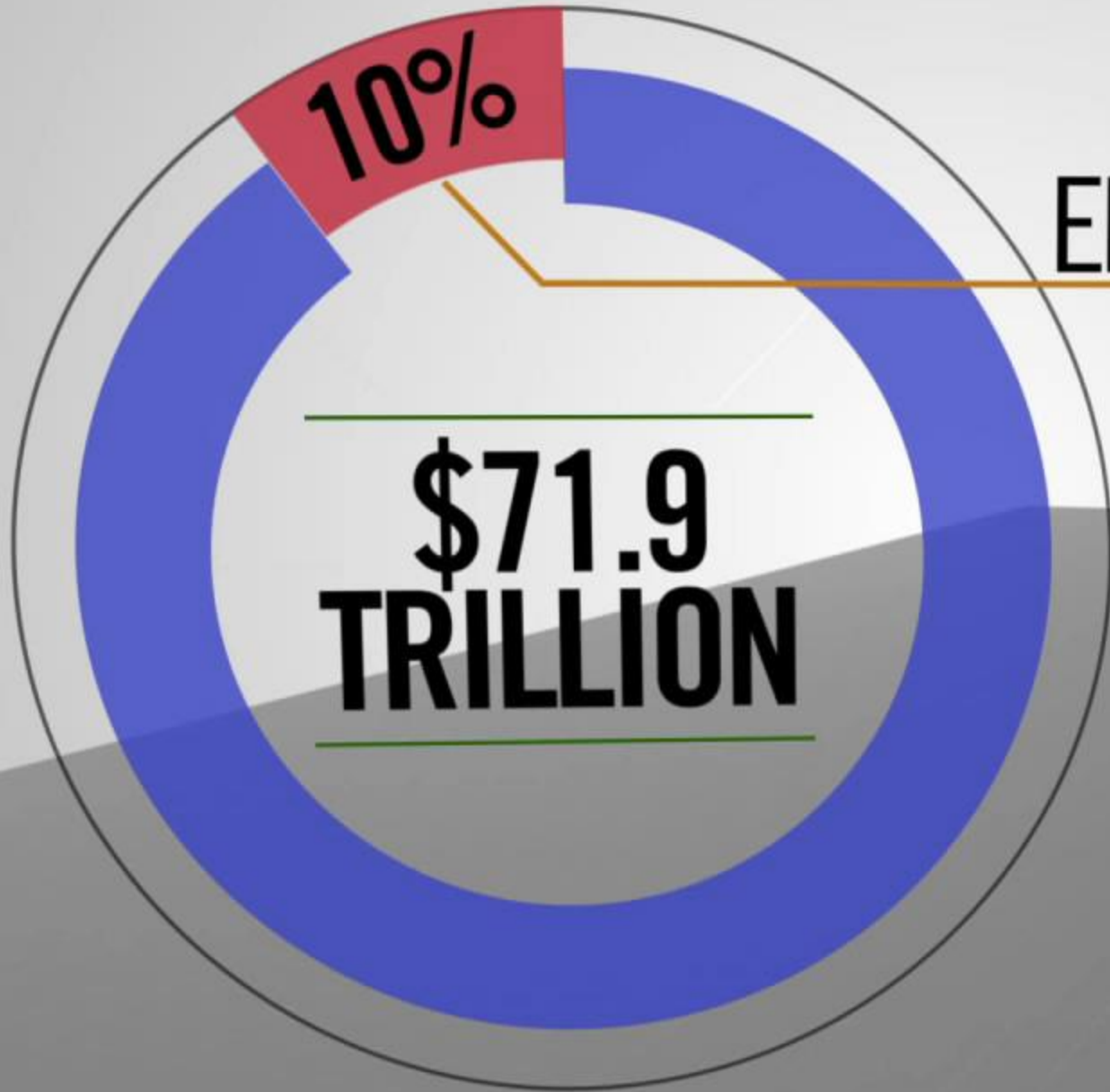


# **NEW ENERGY, NEW GEOPOLITICS**

Balancing Stability  
and Leverage

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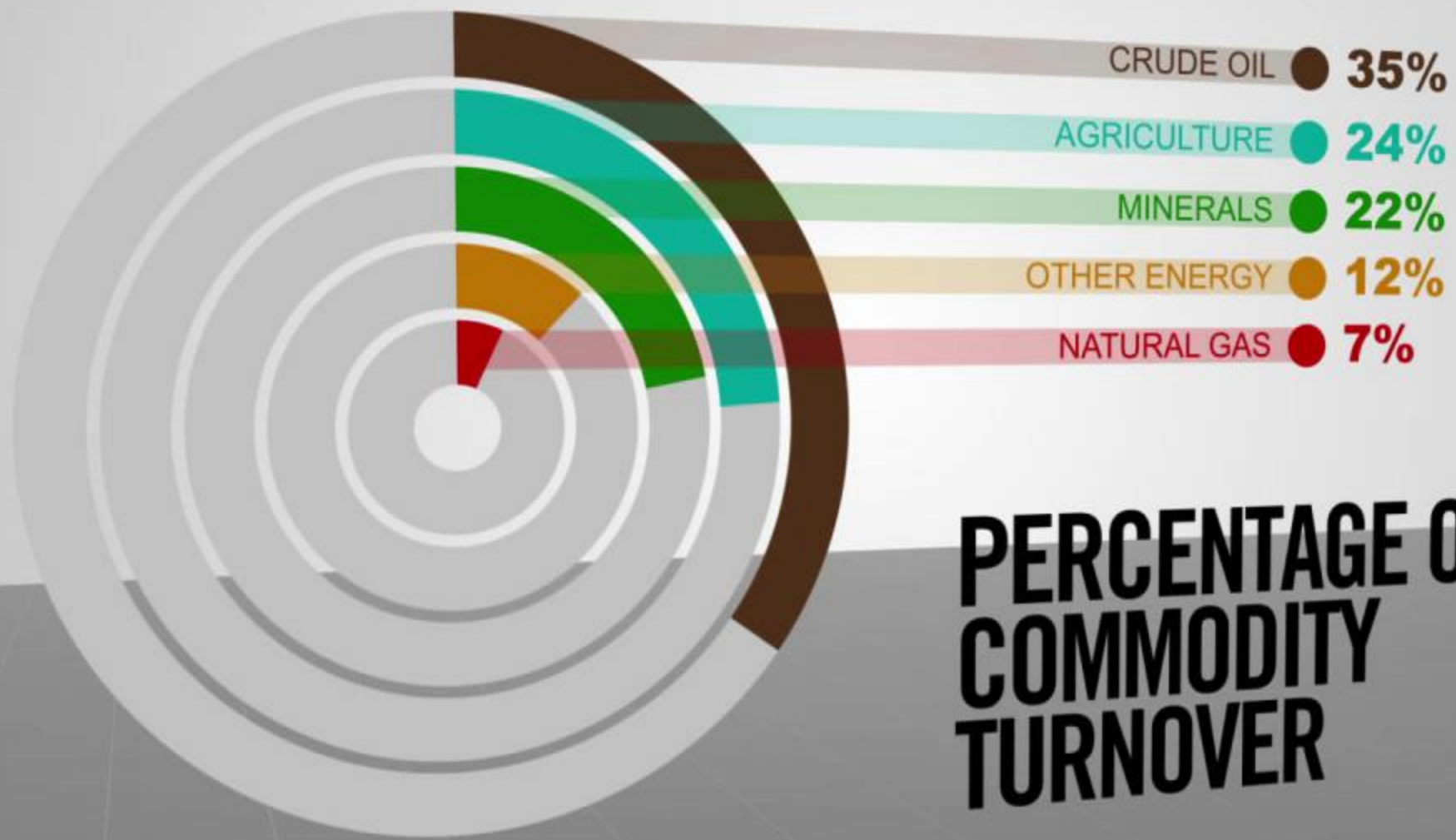




ENERGY SECTOR

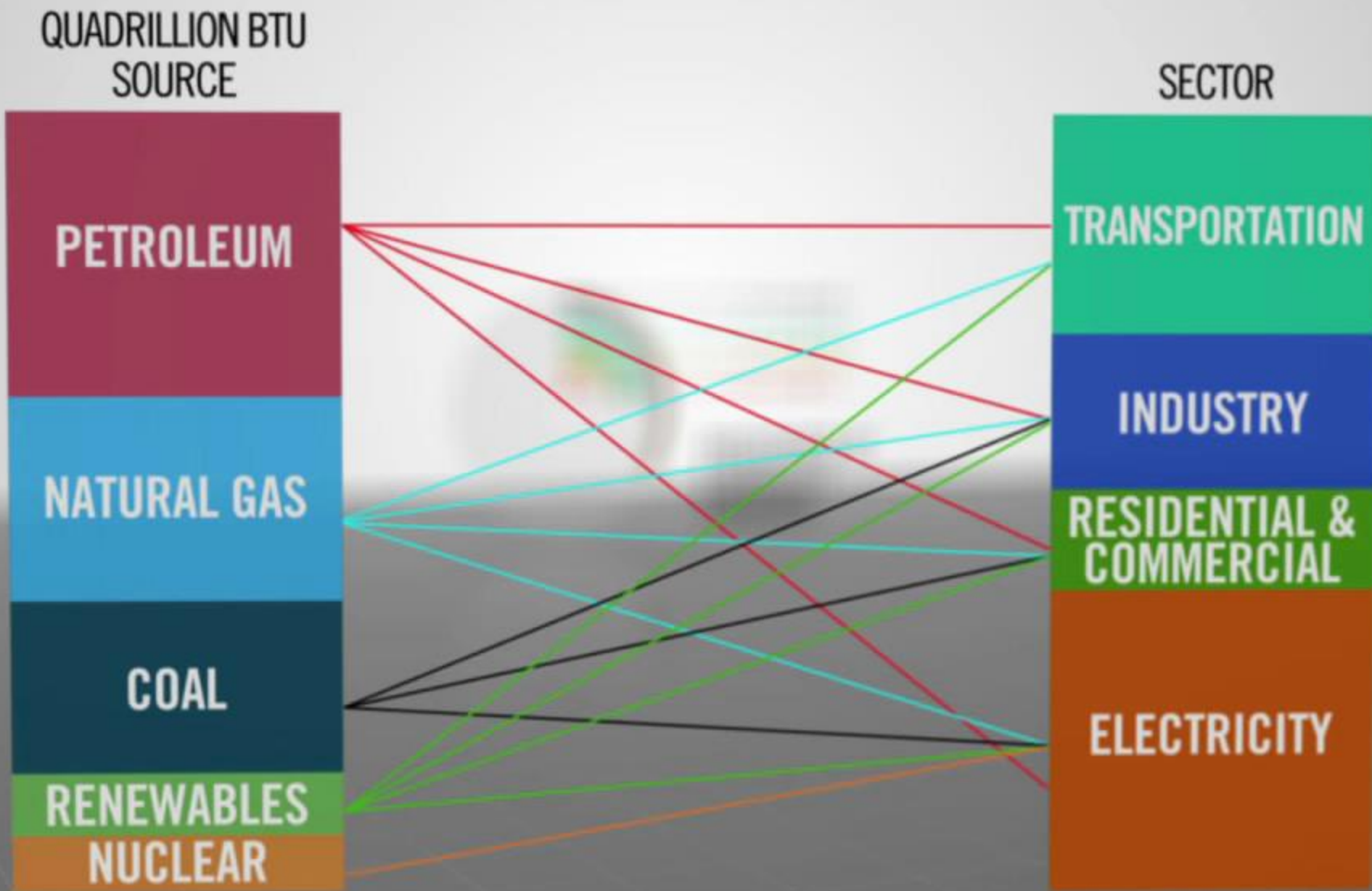
\$71.9  
TRILLION



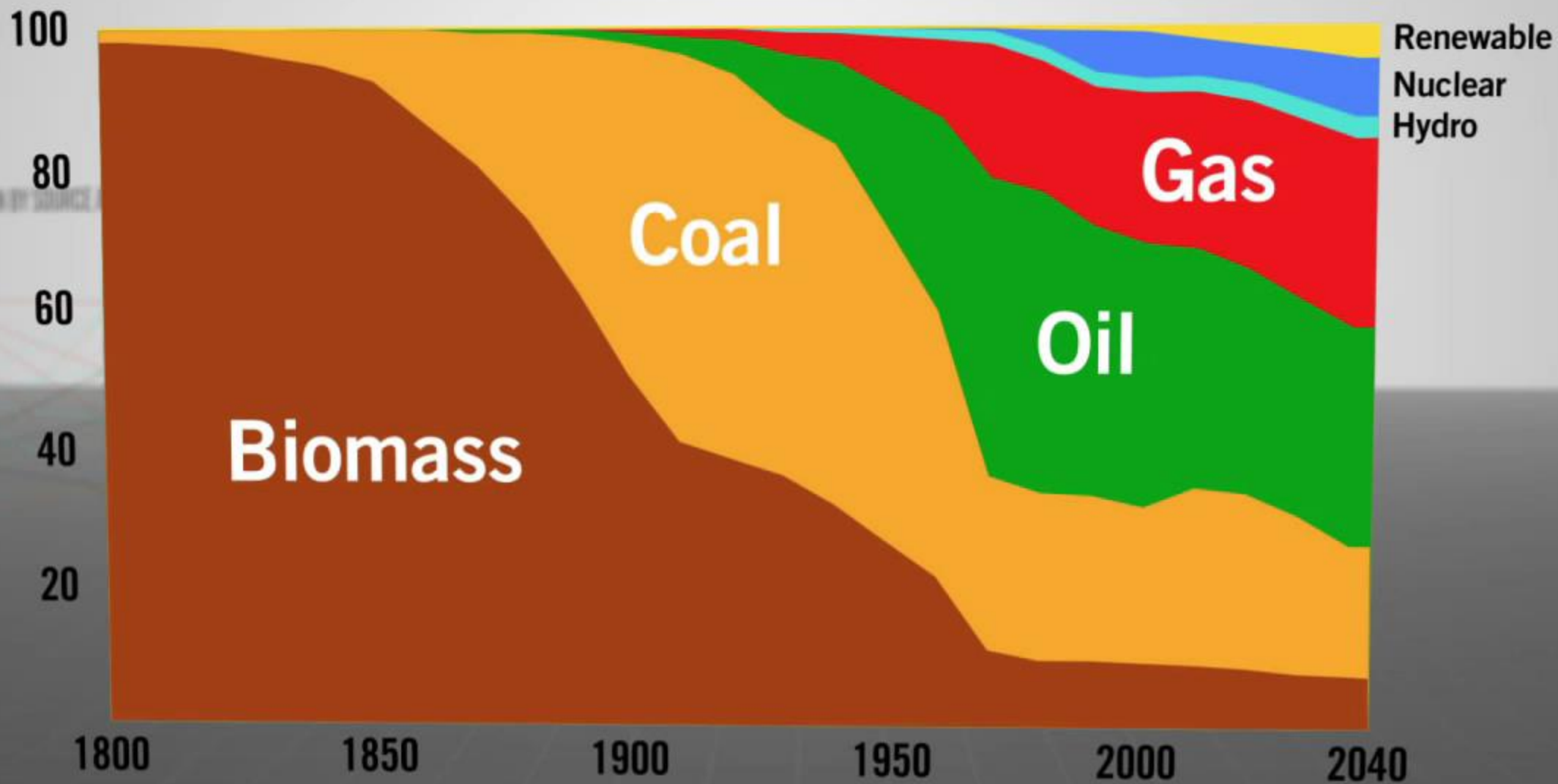


# PERCENTAGE OF COMMODITY TURNOVER

# ENERGY CONSUMPTION BY SOURCE AND SECTOR



# GLOBAL USAGE OF FUELS





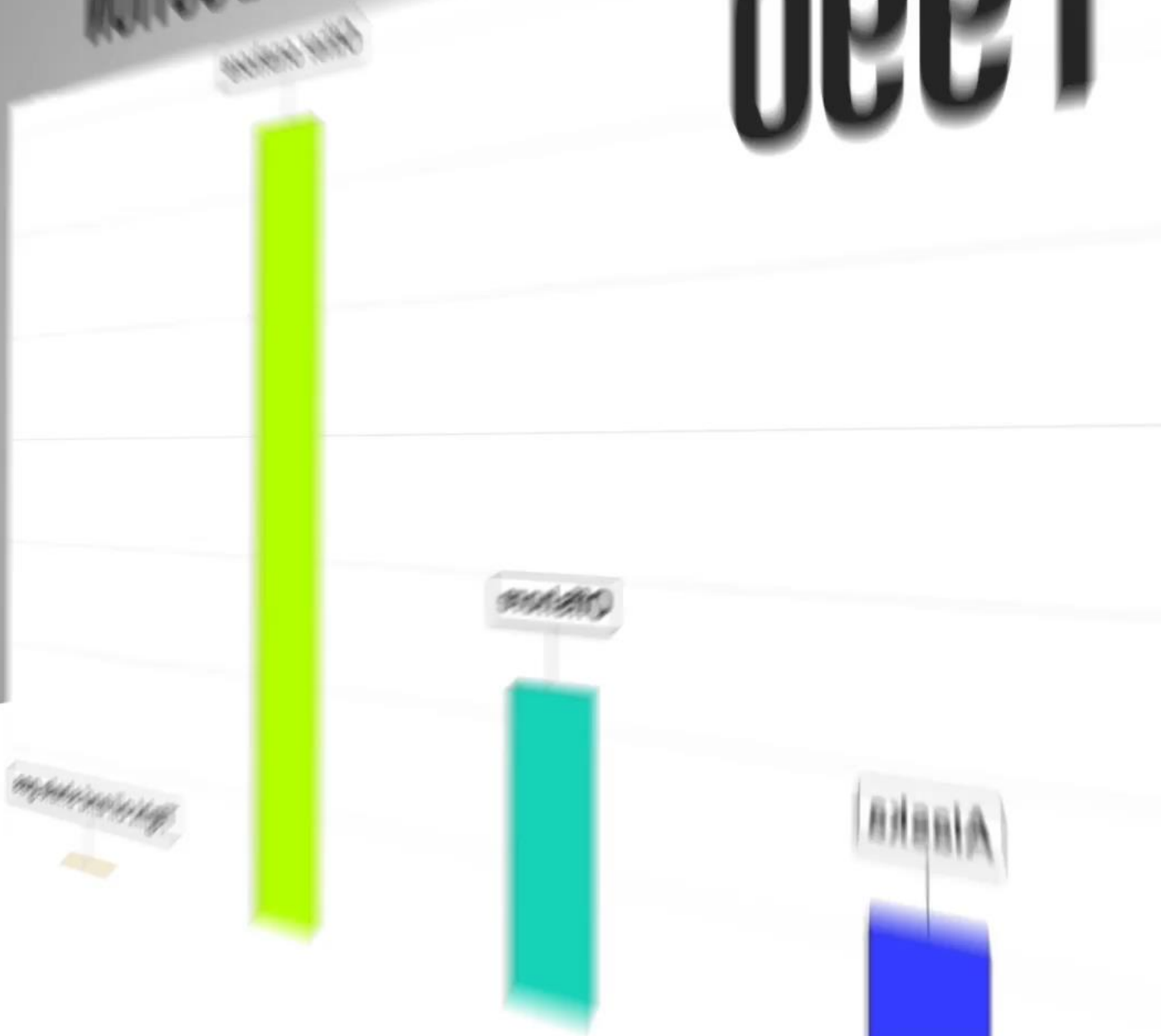






NOTICE AND DISSEMINATION

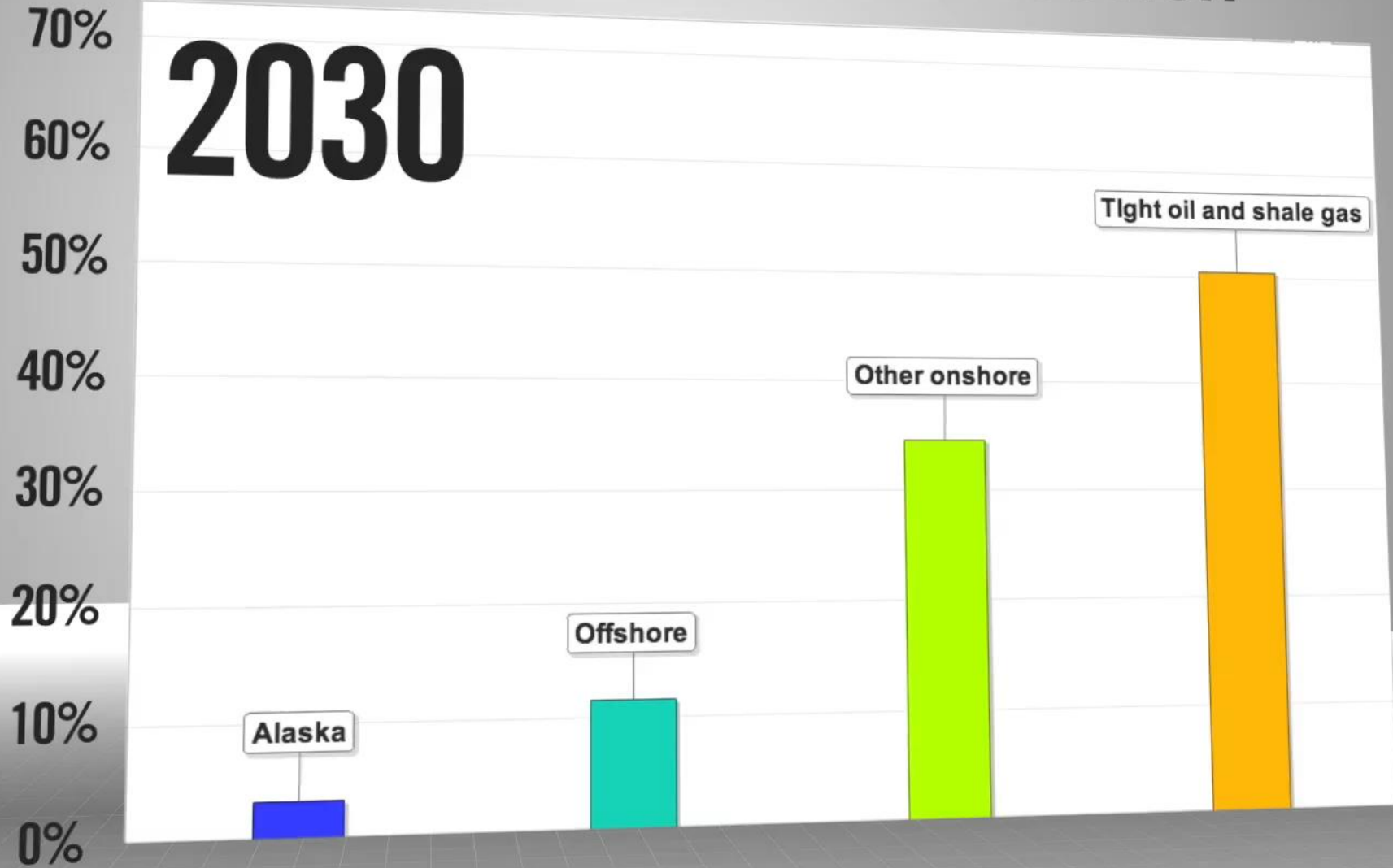
# 1990



# U.S. OIL AND GAS PRODUCTION

## 2030

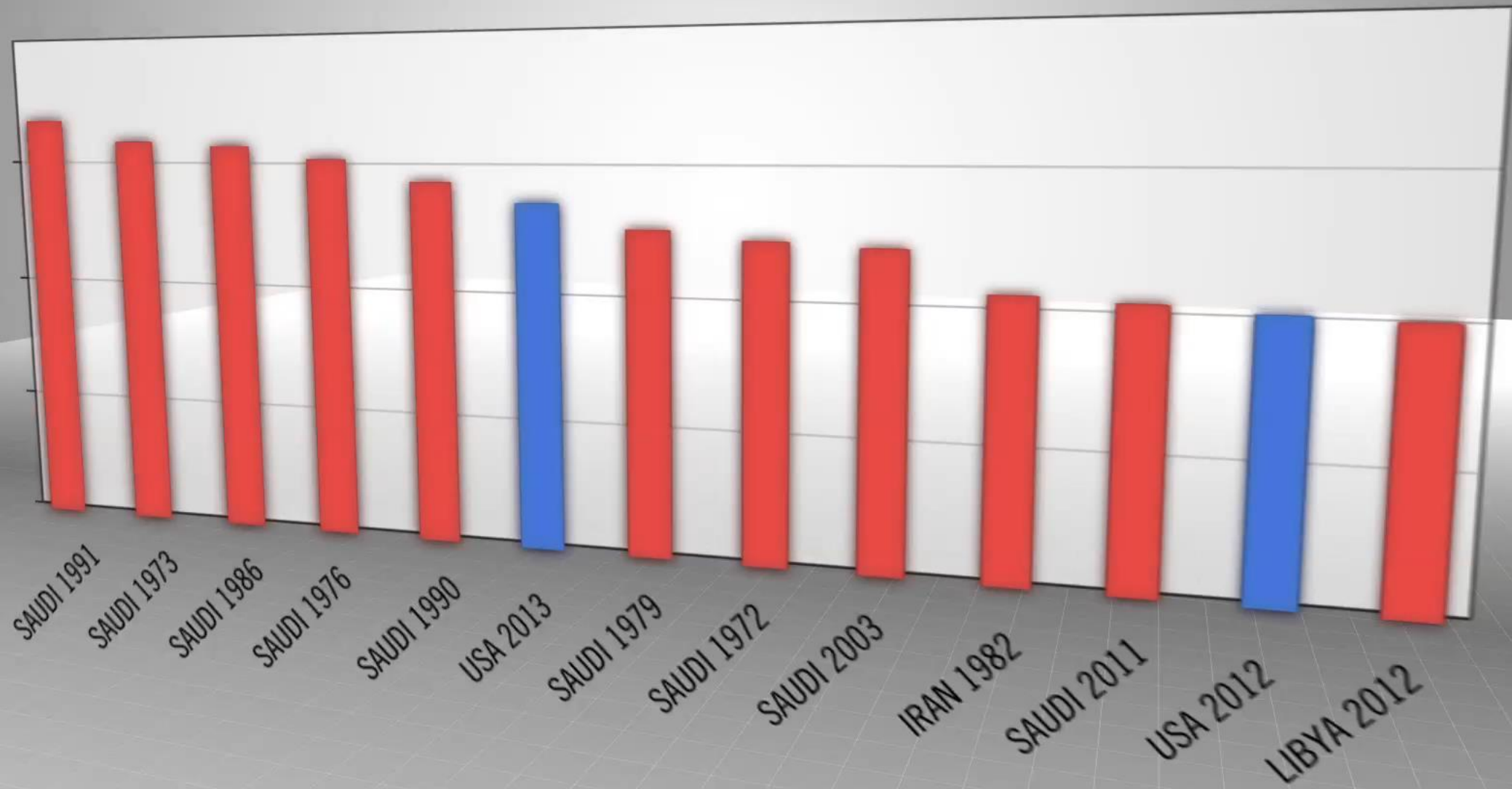
percent of total production



# HISTORICAL OIL PRODUCTION INCREASES

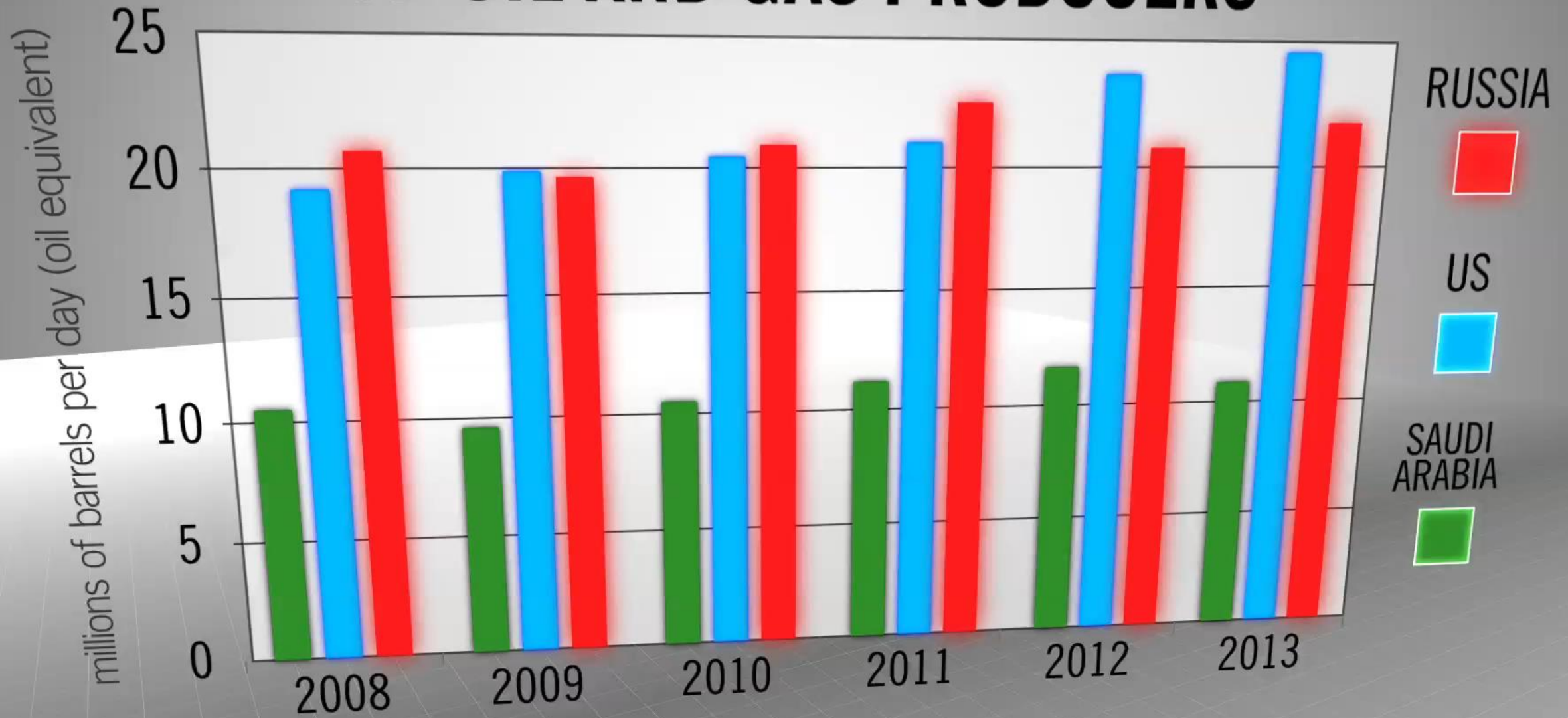
Mb/d

2.0  
1.5  
1.0  
0.5  
0.0





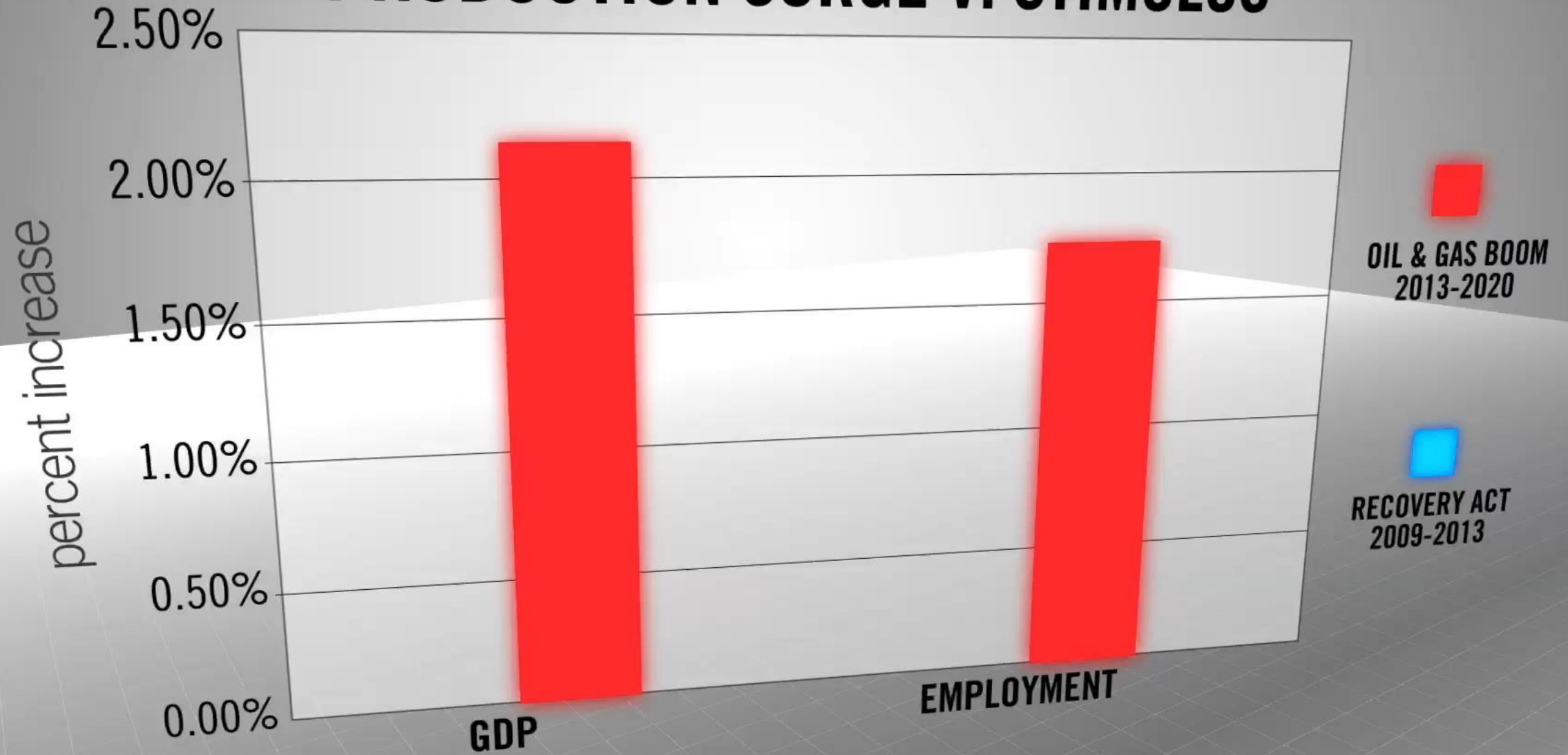
# TOP OIL AND GAS PRODUCERS



# GDP AND EMPLOYMENT IMPACT OF PRODUCTION SURGE V. STIMULUS

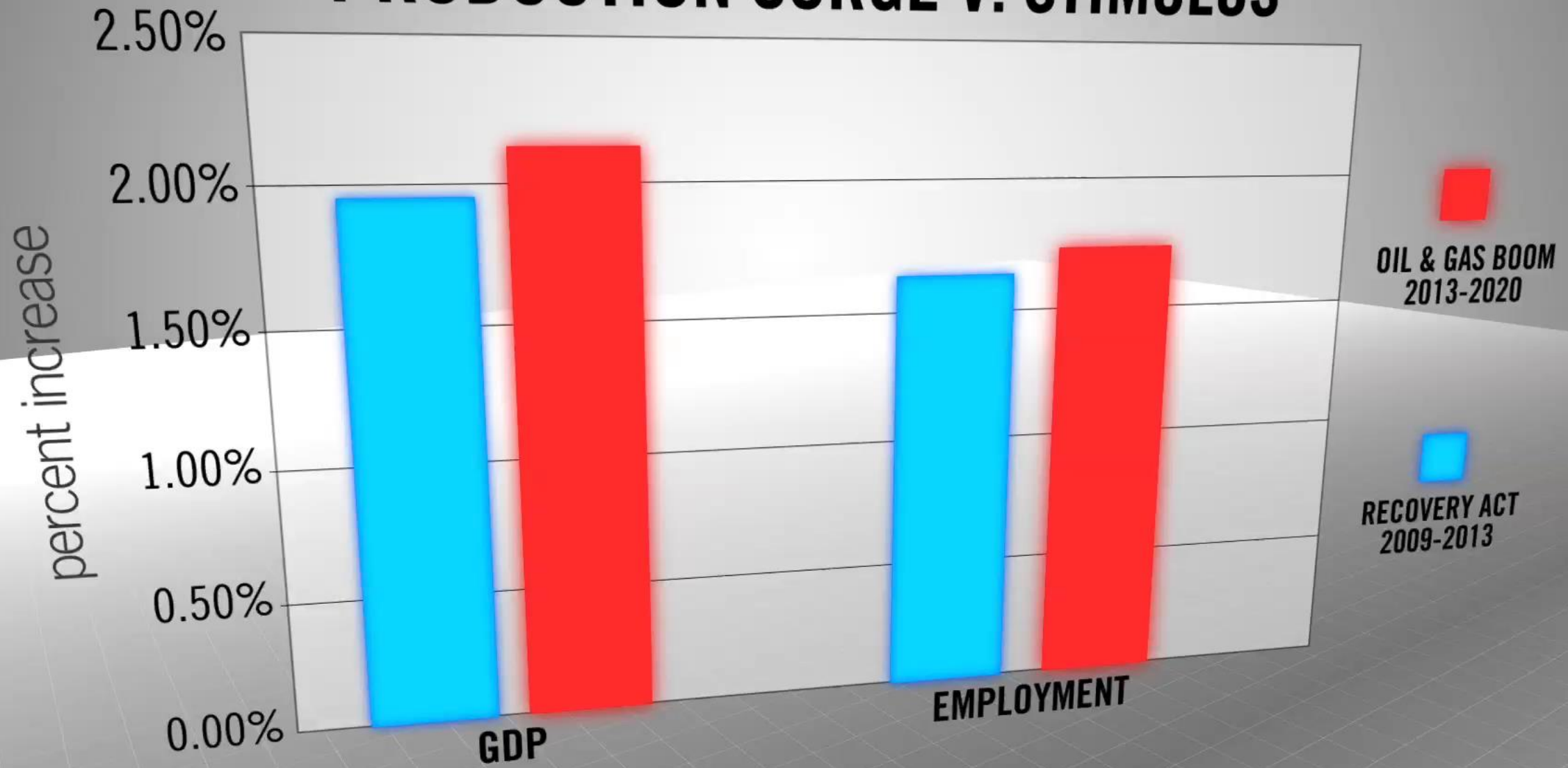


# GDP AND EMPLOYMENT IMPACT OF PRODUCTION SURGE V. STIMULUS



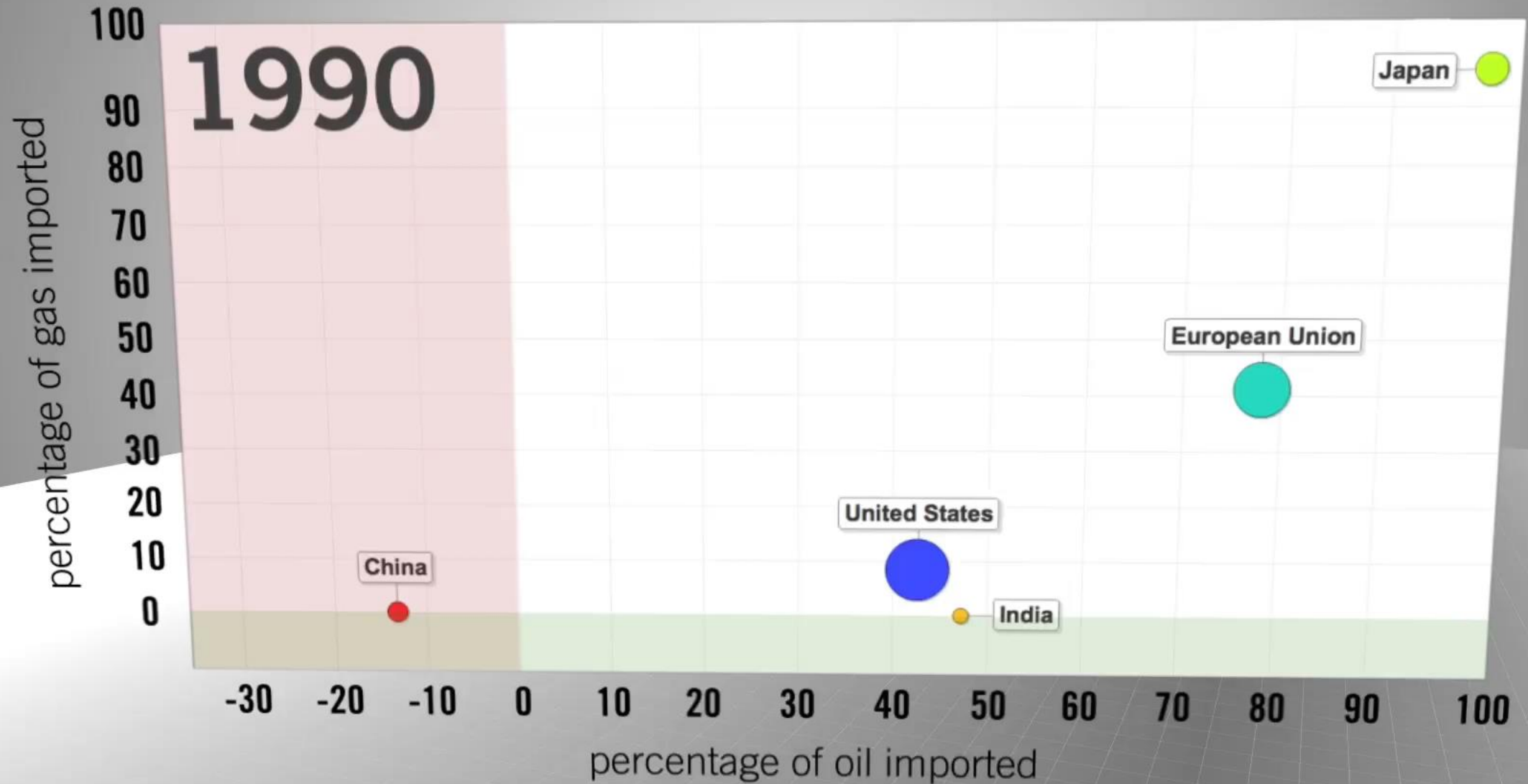


# GDP AND EMPLOYMENT IMPACT OF PRODUCTION SURGE V. STIMULUS

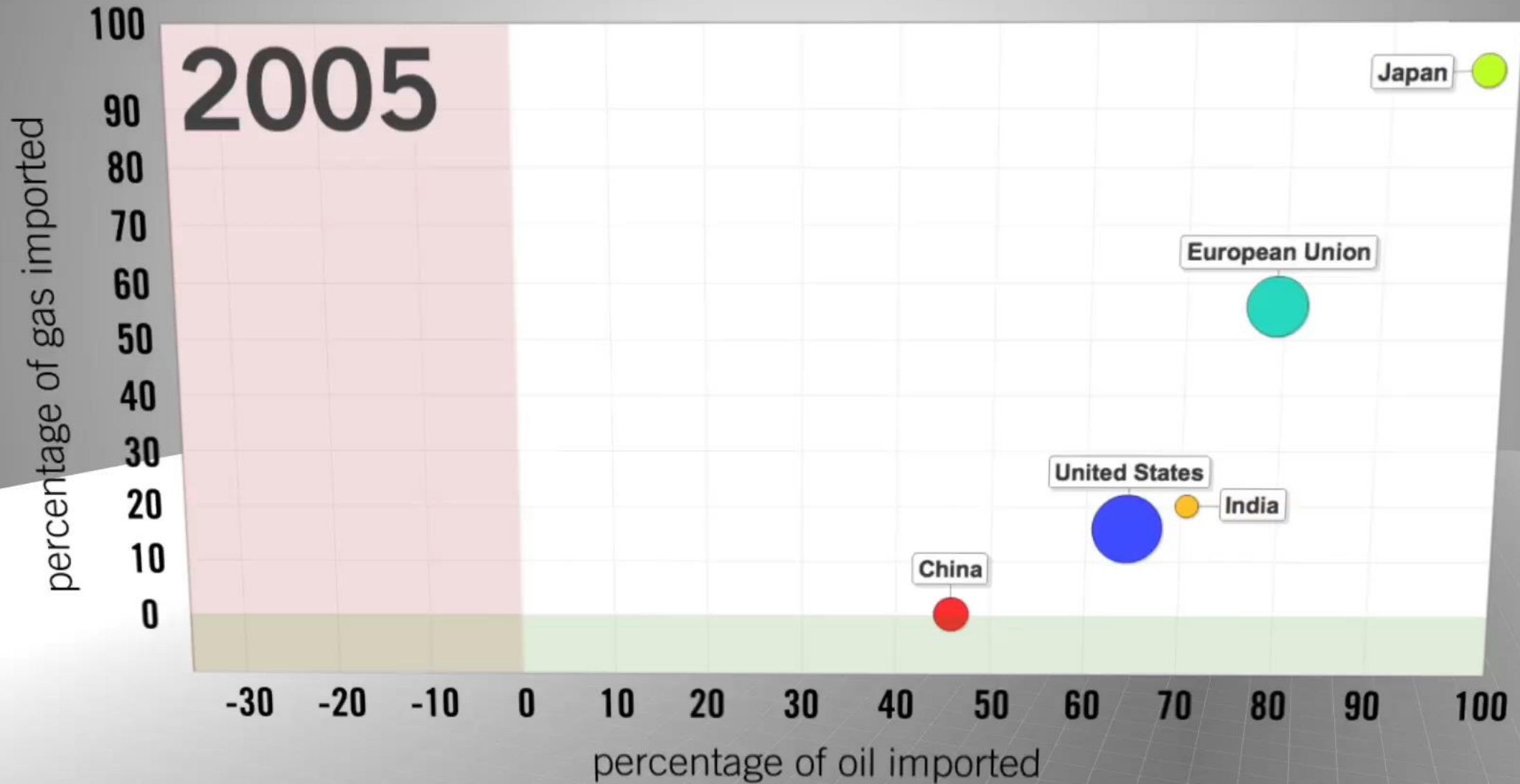


millions of

# OIL AND GAS IMPORTS

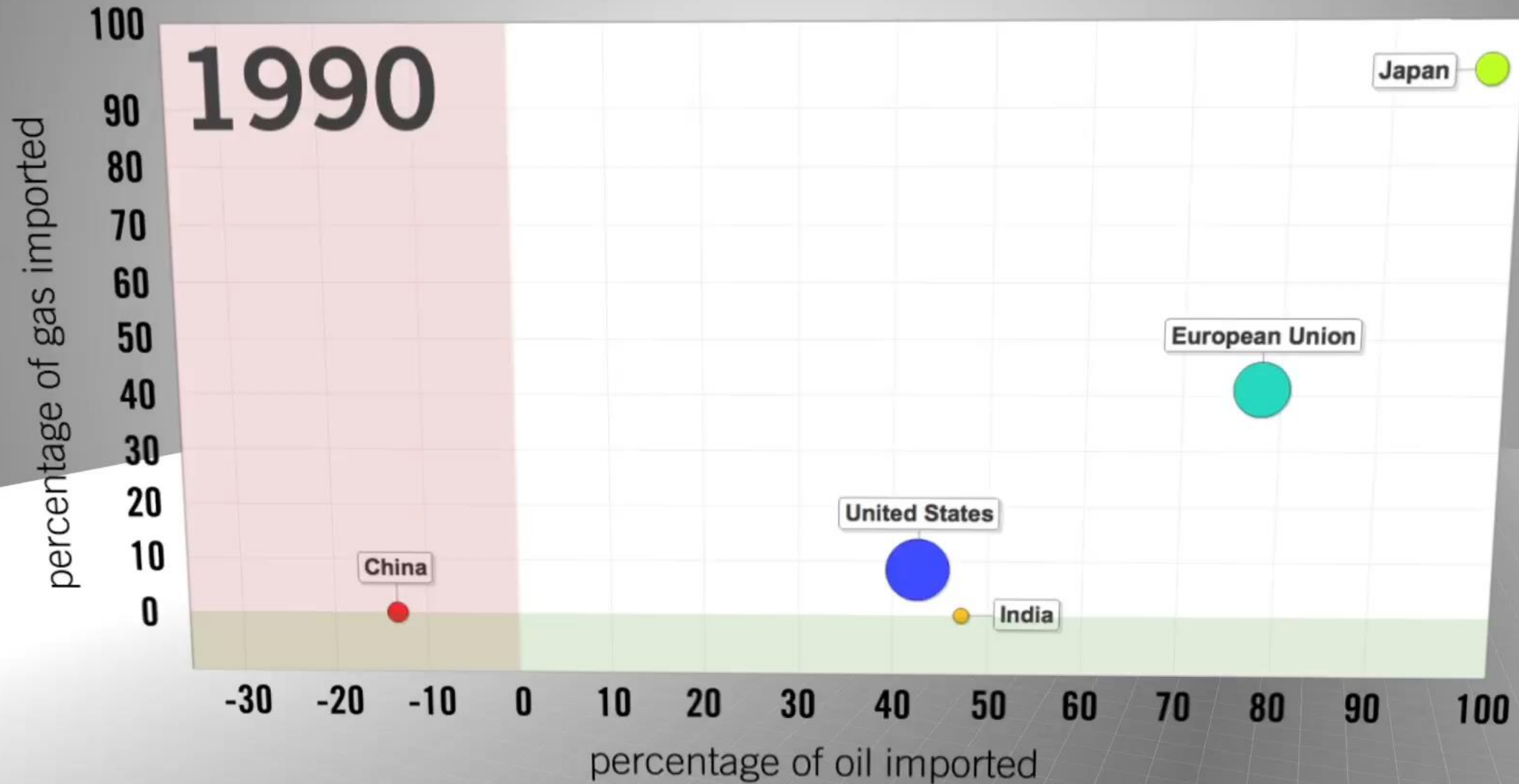


# OIL AND GAS IMPORTS





# OIL AND GAS IMPORTS

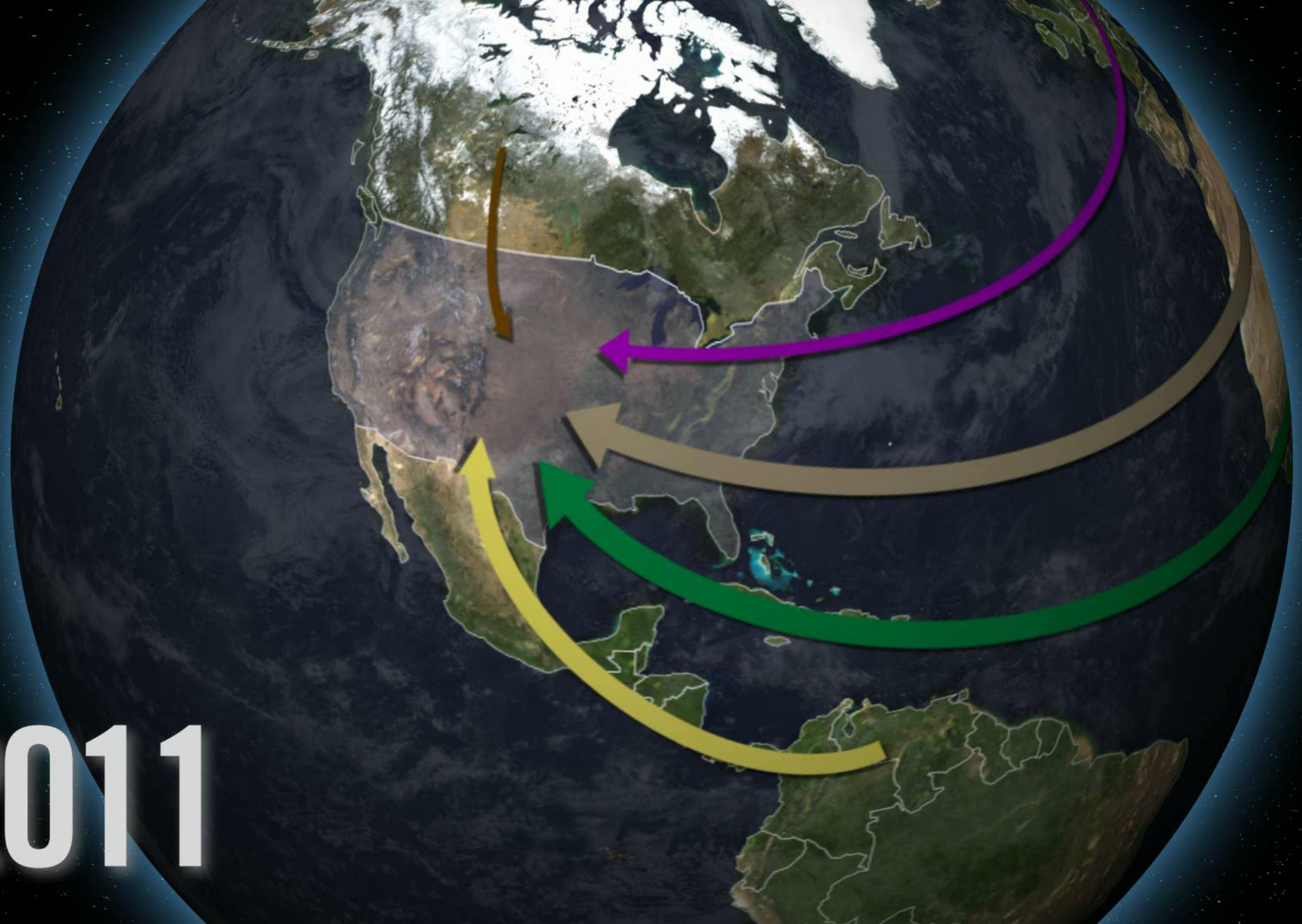




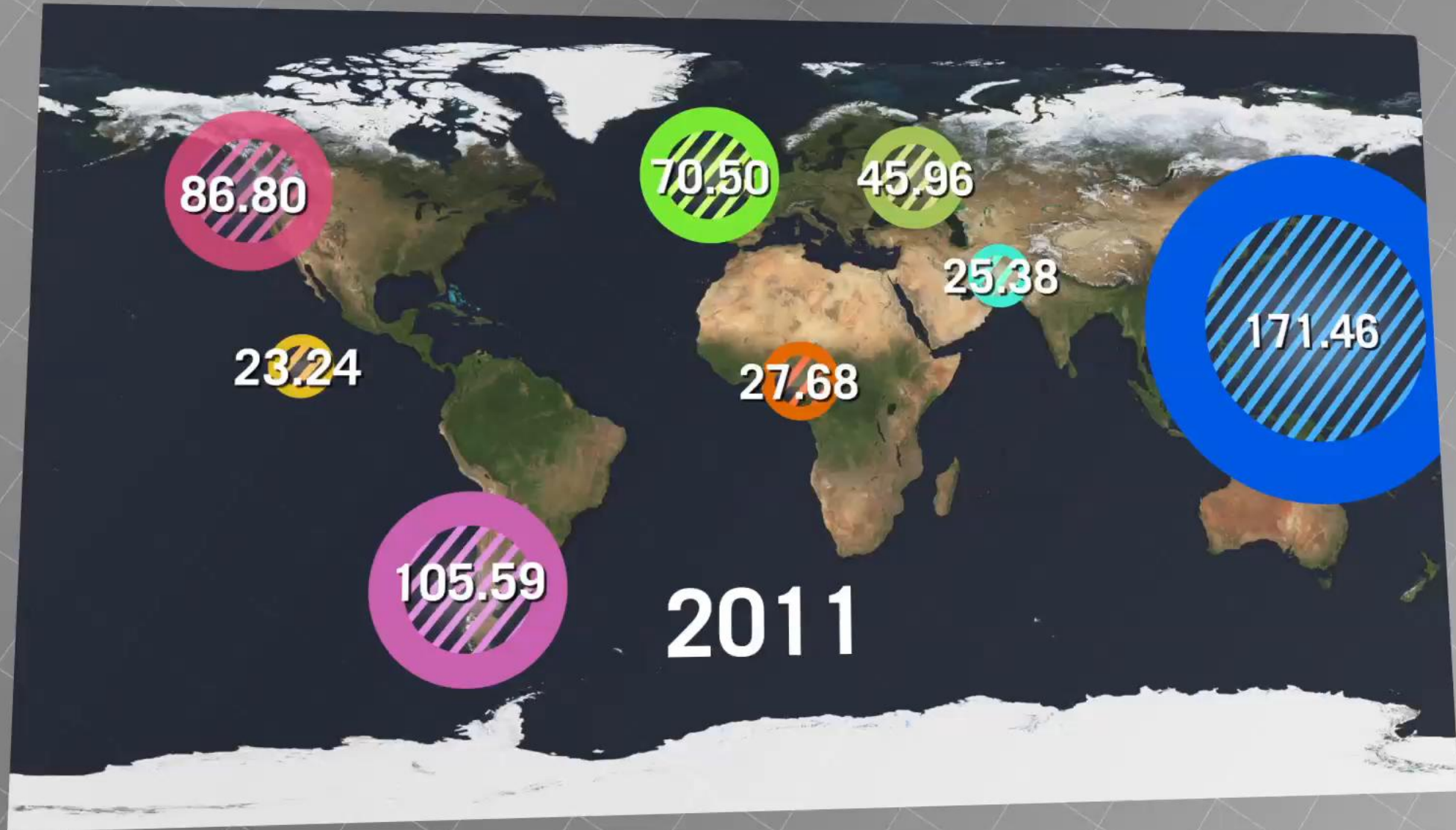
2011



2011

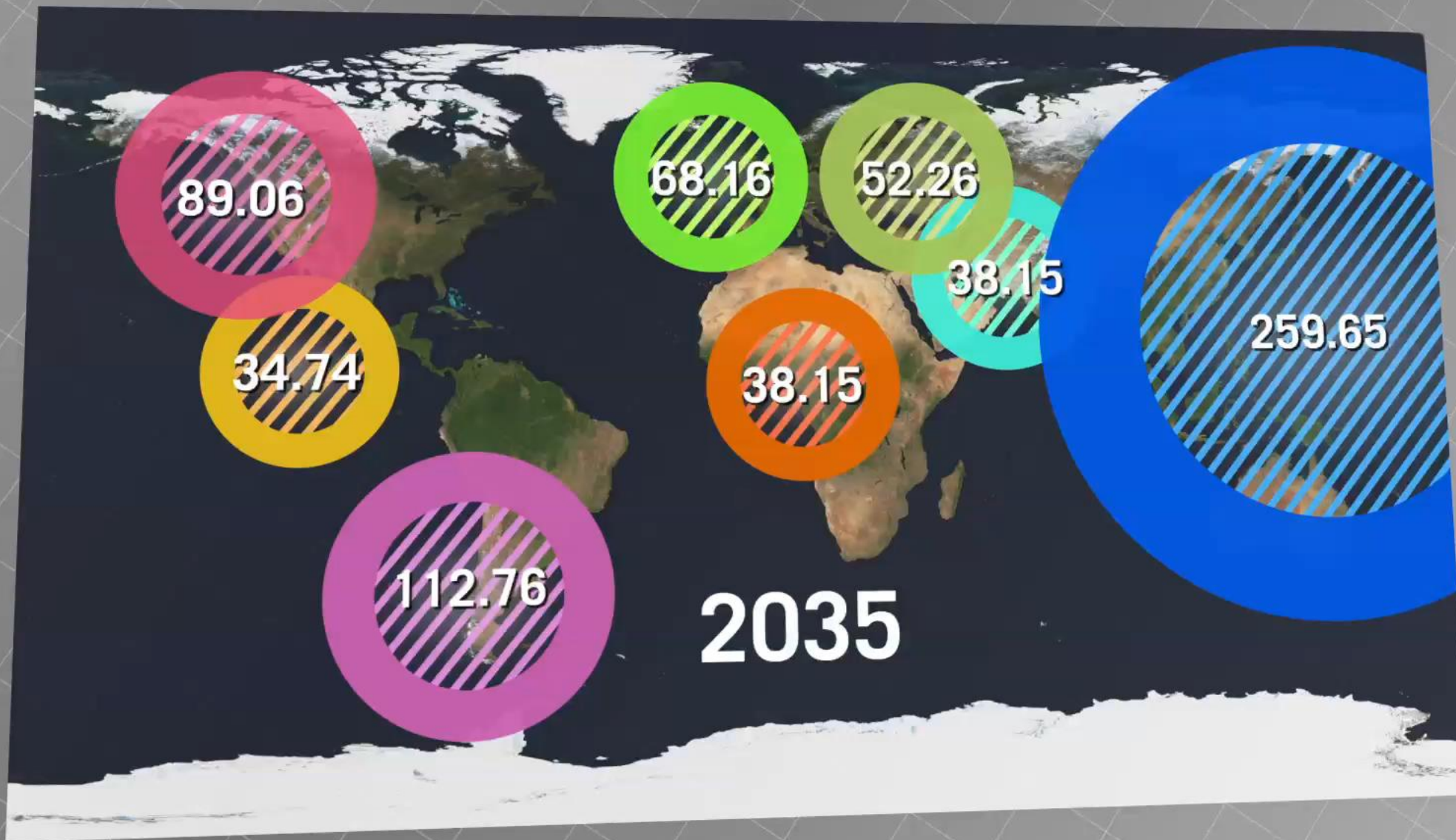


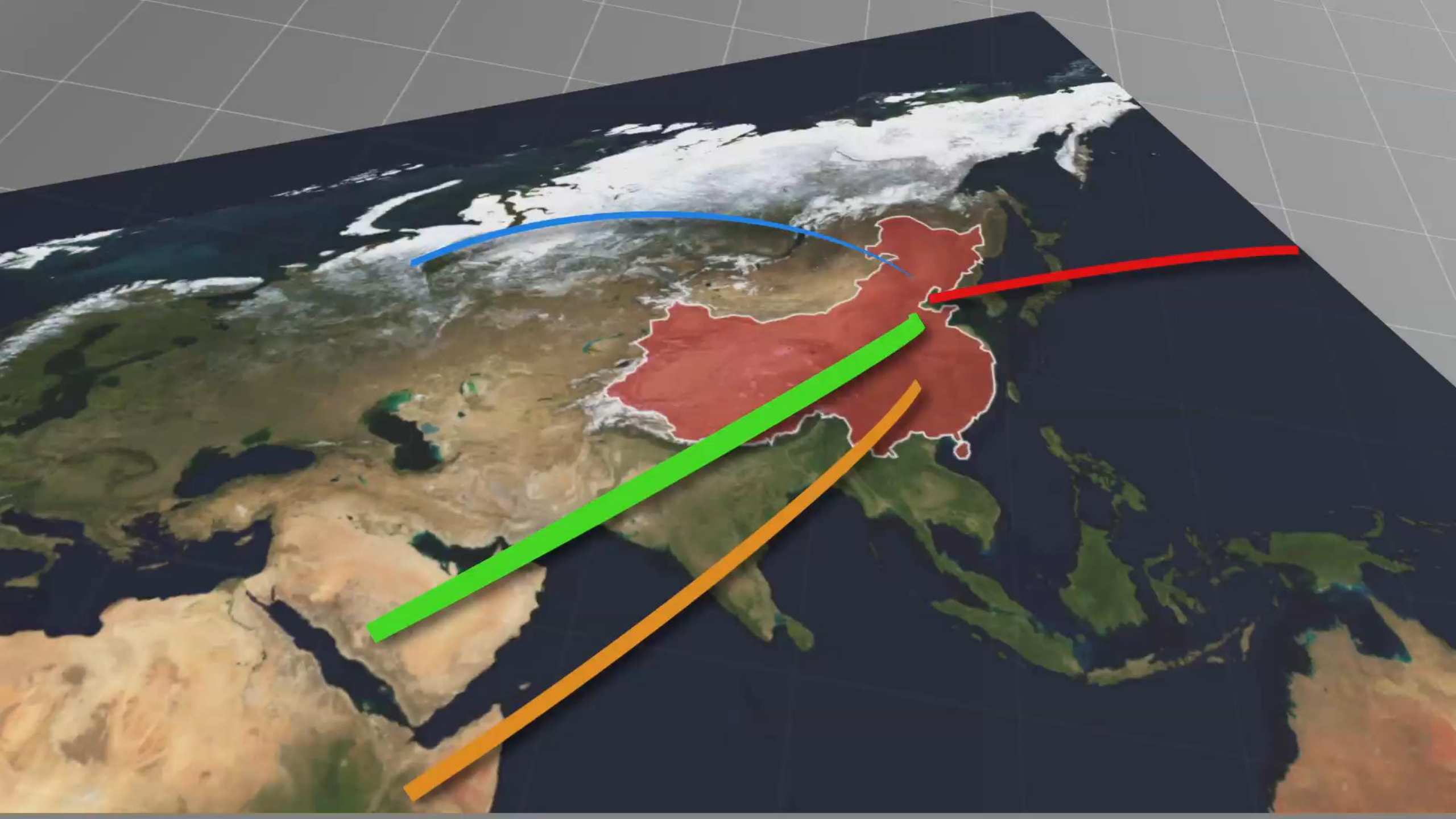
# GLOBAL DEMAND GROWTH (IN QBTU)



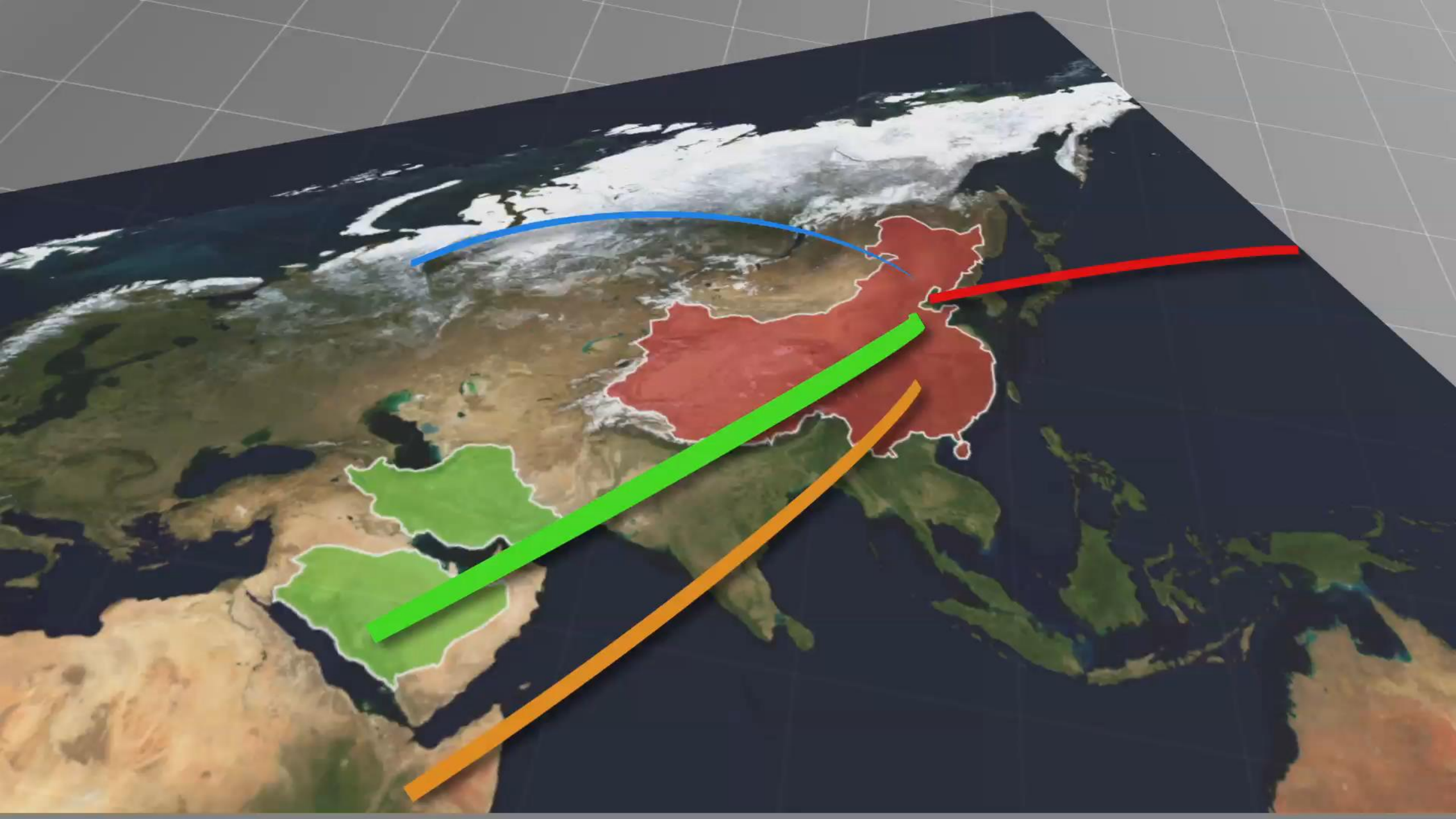


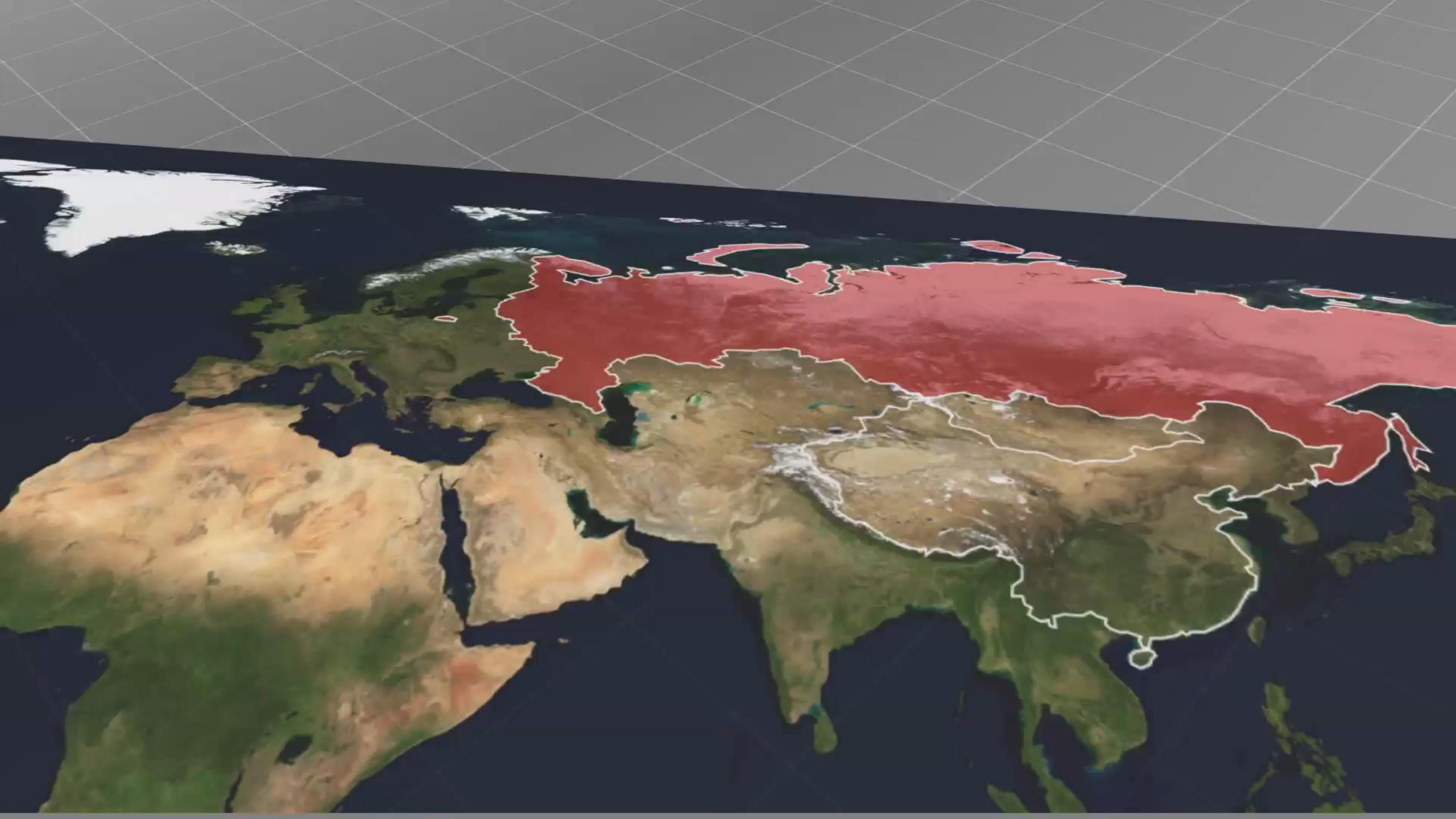
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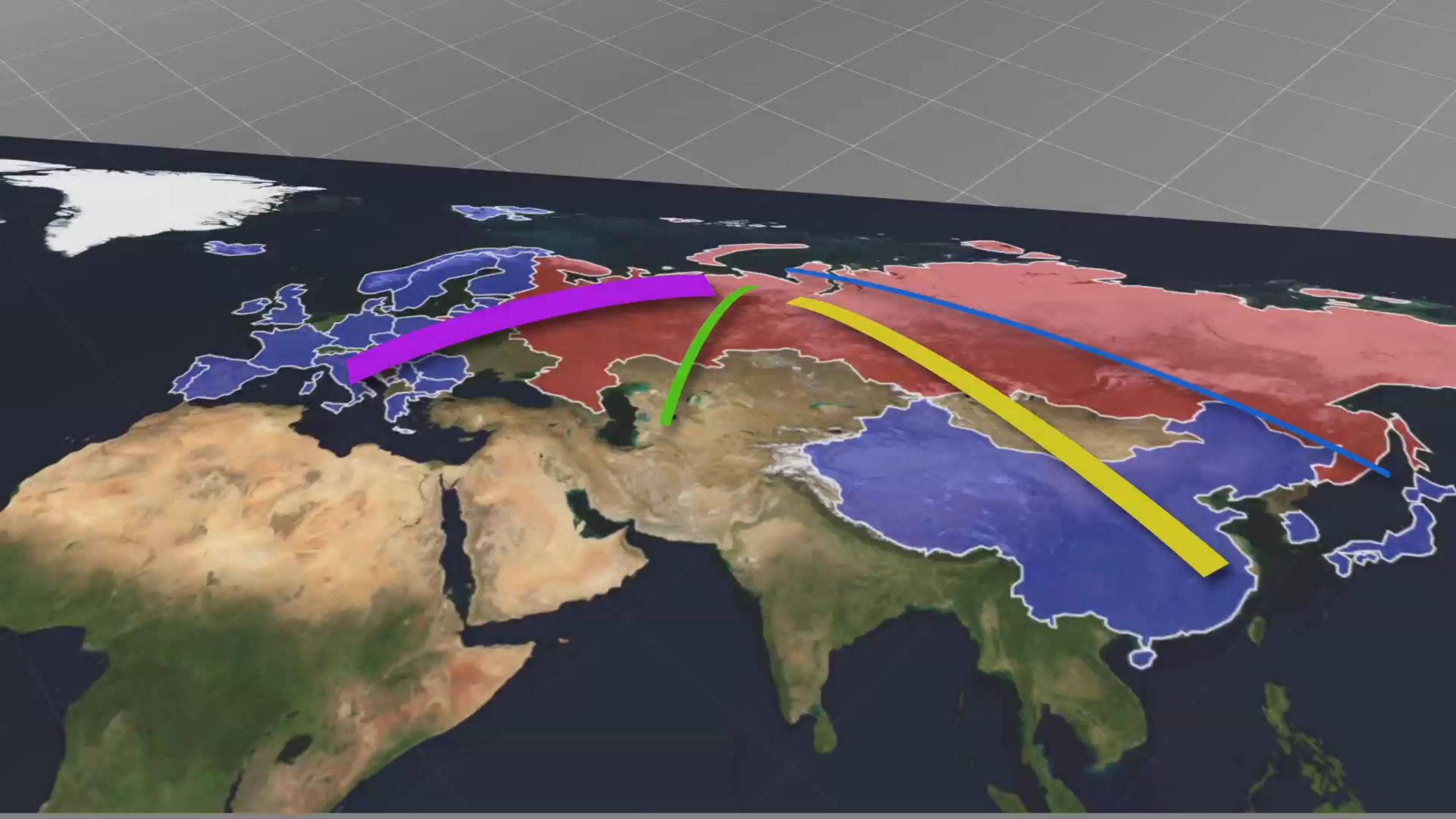


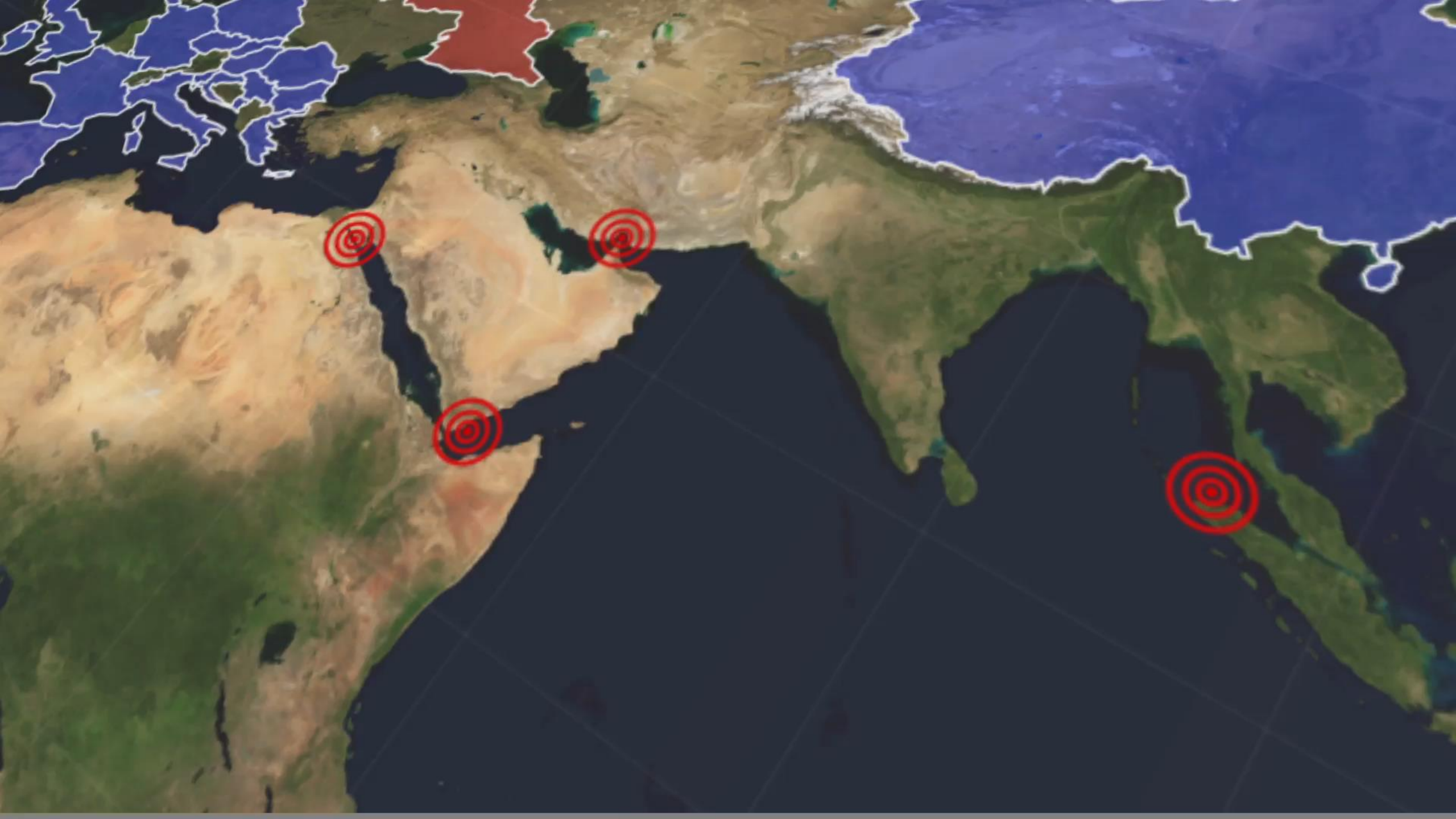








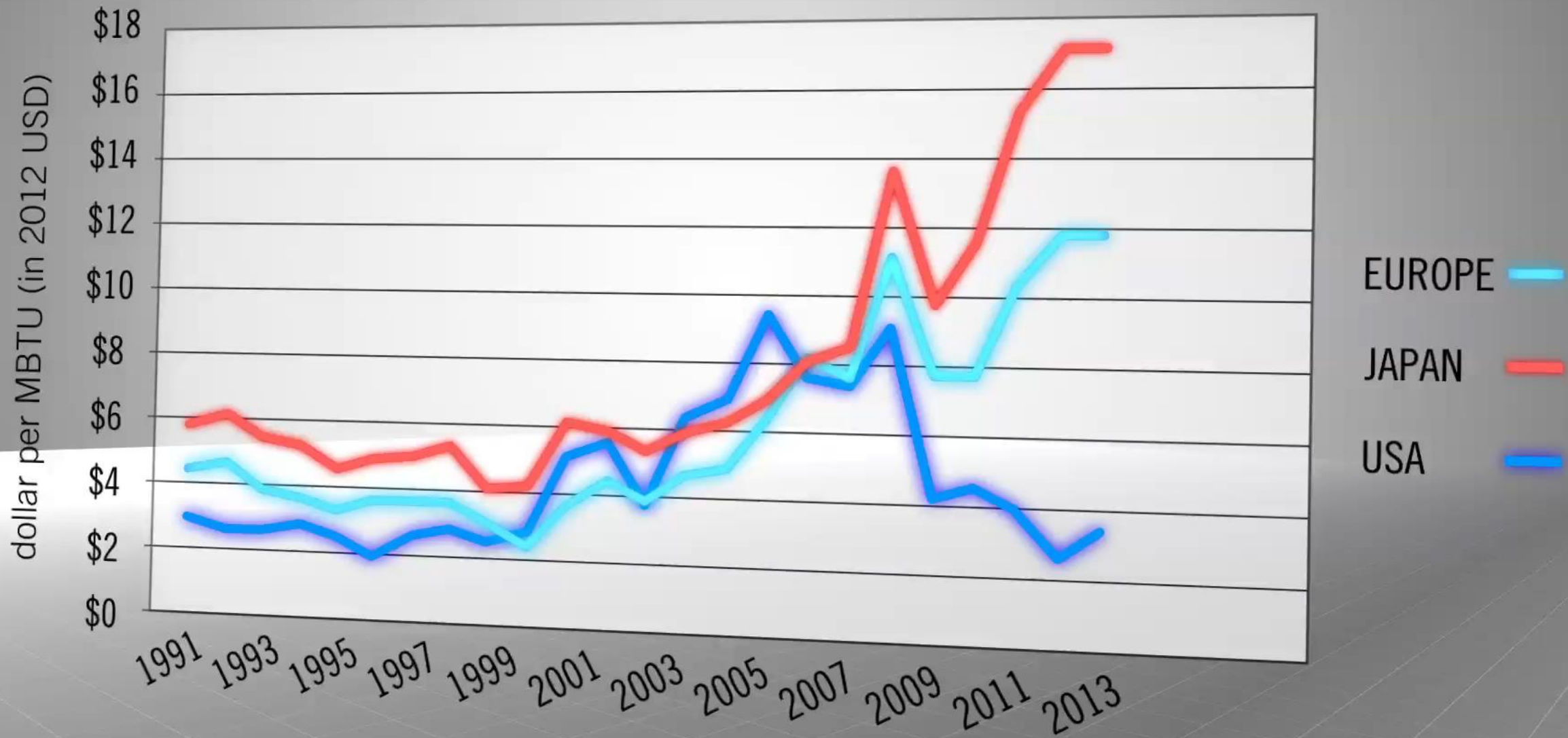






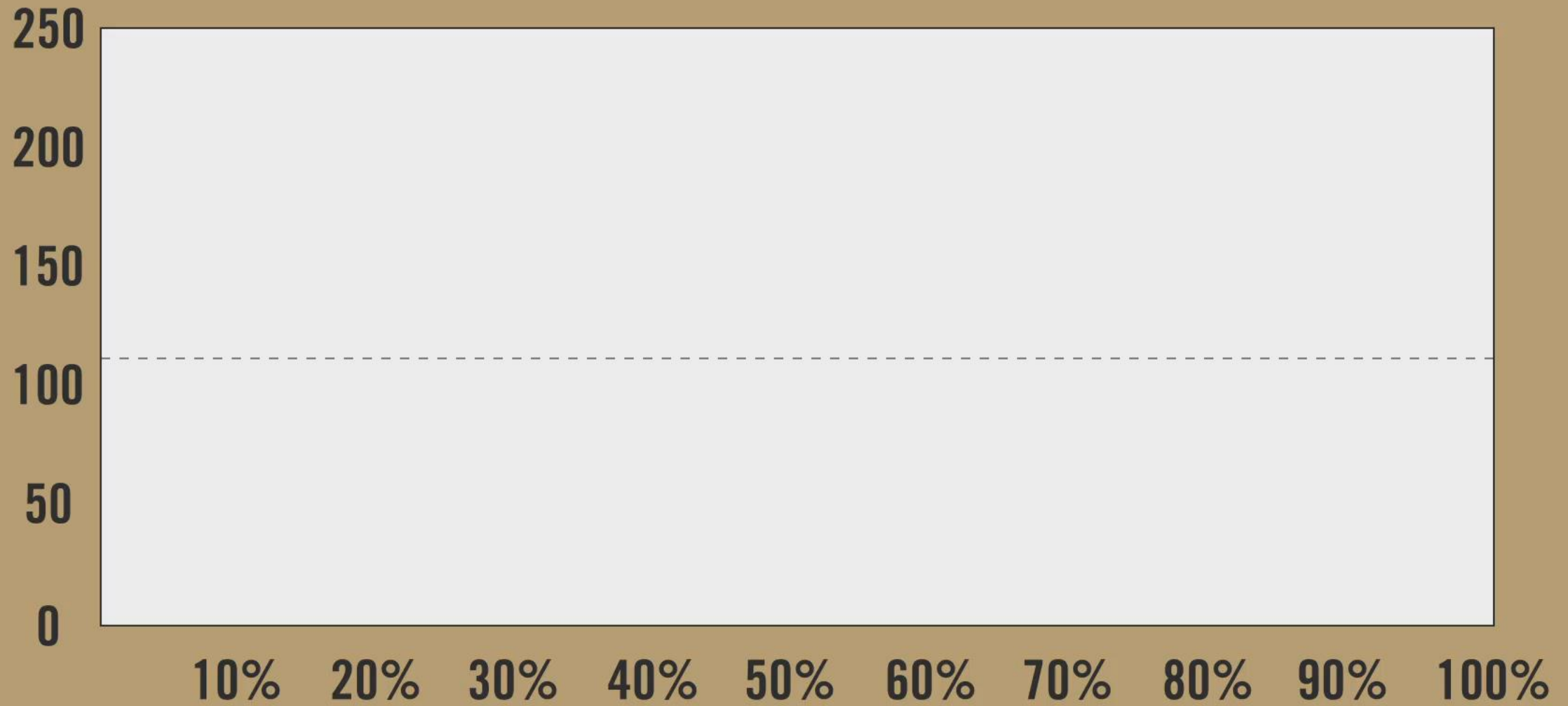


# INTERNATIONAL NATURAL GAS PRICES





# BREAKEVEN PRICES: OIL REVENUE AS % OF BUDGET







- Improves but does not solve energy security issues







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- Dampens "U.S. in decline" narrative
- Fosters U.S./China energy cooperation





- Improves but does not solve energy security issues
- Dampens "U.S. in decline" narrative
- Fosters U.S./China energy cooperation
  - Exacerbates EU competitiveness concerns
  - Increases pressure on green agenda
  - Does little to alleviate concerns with unpredictable suppliers in Russia and MENA
  - Complicates intra-Asian dynamics

# **BIG PRODUCERS: RUSSIA, SAUDI ARABIA**

- Reinforces shift to Asia
- Adds pressure to reform in Russia
- Complicates Saudi role as a market balancer
- Enhances concern over U.S. role in Middle East
- Possible advantaged role in the Arctic for Russia



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## **REVENUE DEPENDENTS (e.g. NIGERIA, ALGERIA, VENEZUELA)**

- Potential for instability in slack oil markets

NATIONAL SECURITY

GEOPOLITICS

ENERGY





SIA LIES  
FORM OF  
ENERGY"



"THE DEBATE IS SETTLED.  
CLIMATE CHANGE IS A FACT."







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Positive economic force for the U.S. and some others





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Does not fundamentally alter U.S. interests in the world

Changes other countries' perceptions of U.S. interests and capabilities





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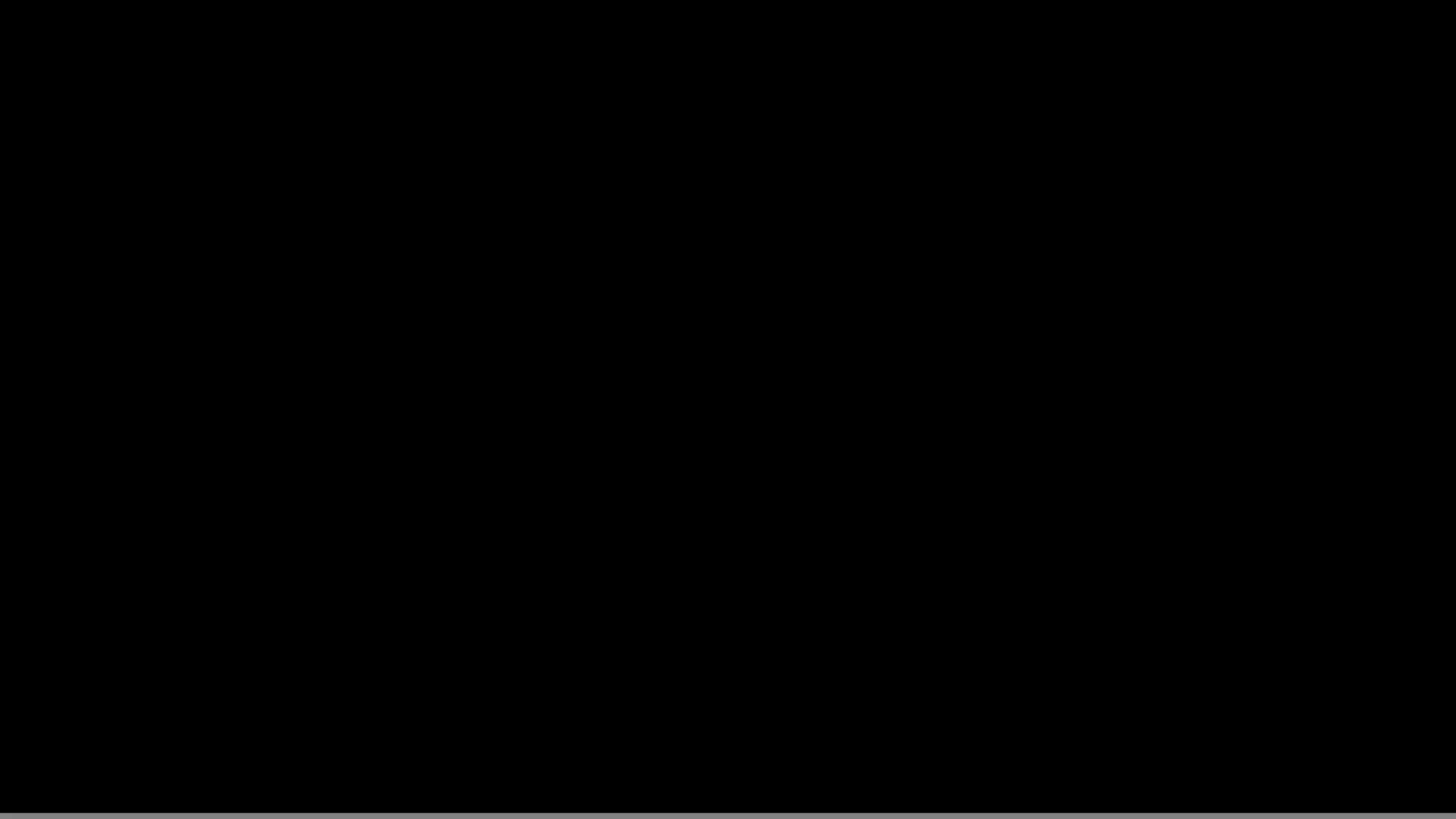
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