



# Oil (Stable Market and Stockpiling)

---

Amos Bromhead

Special Advisor to the Executive Director

International Energy Agency

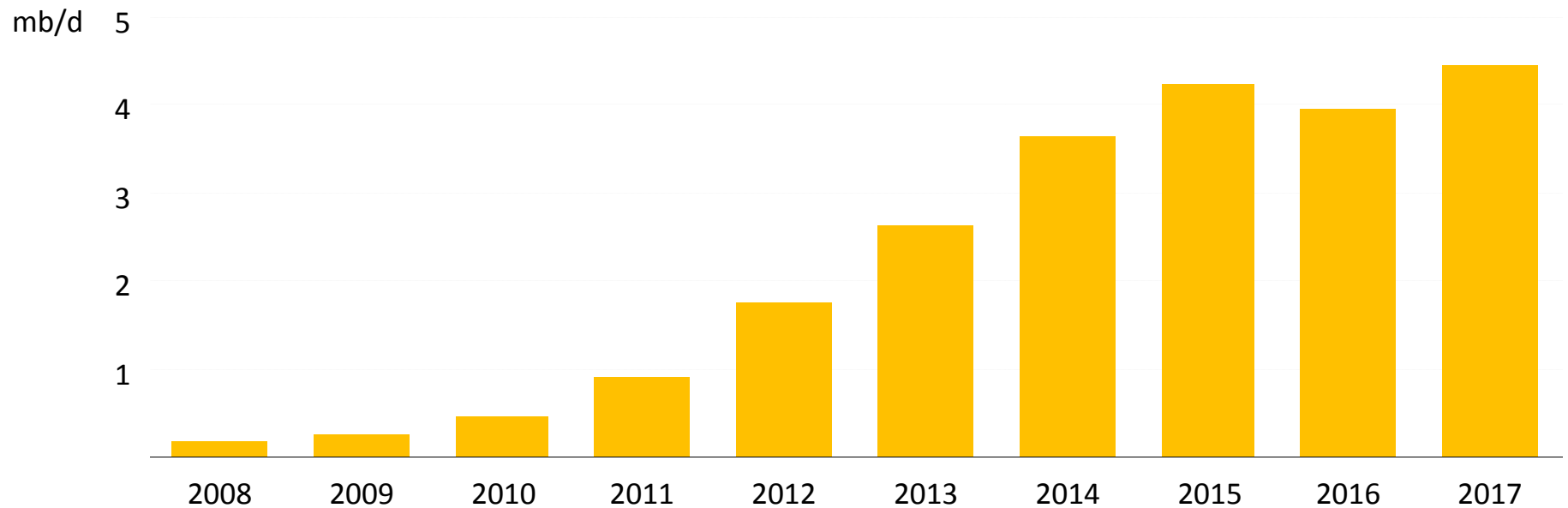
1st East Asia Energy Forum "How to Supply and Use Fossil Fuel?"

9 August 2017, Philippines

# US shale oil is shaking up global markets even at lower oil prices



## US shale oil production

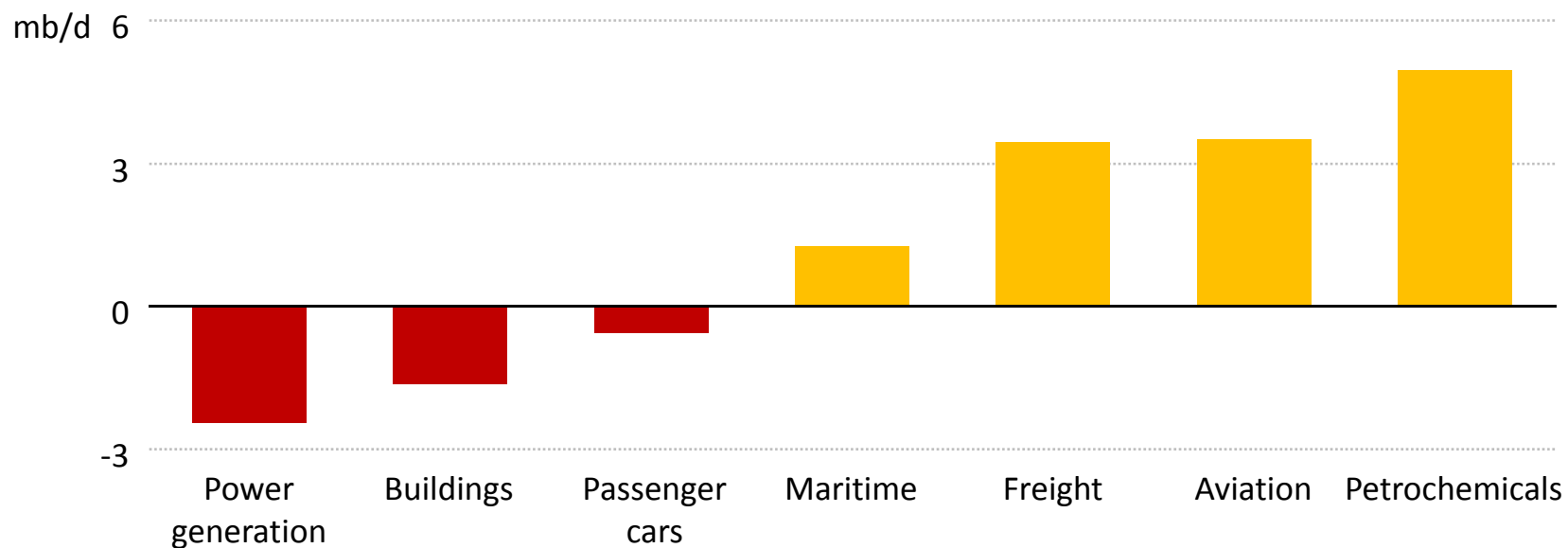


**US shale oil has surged in recent years on enormous cost savings & technological improvements;  
The US is set to lead the growth in global oil supply over the next 5 years**

# No peak yet in sight, but a slowdown in growth for oil demand



## Change in oil demand by sector, 2015-2040

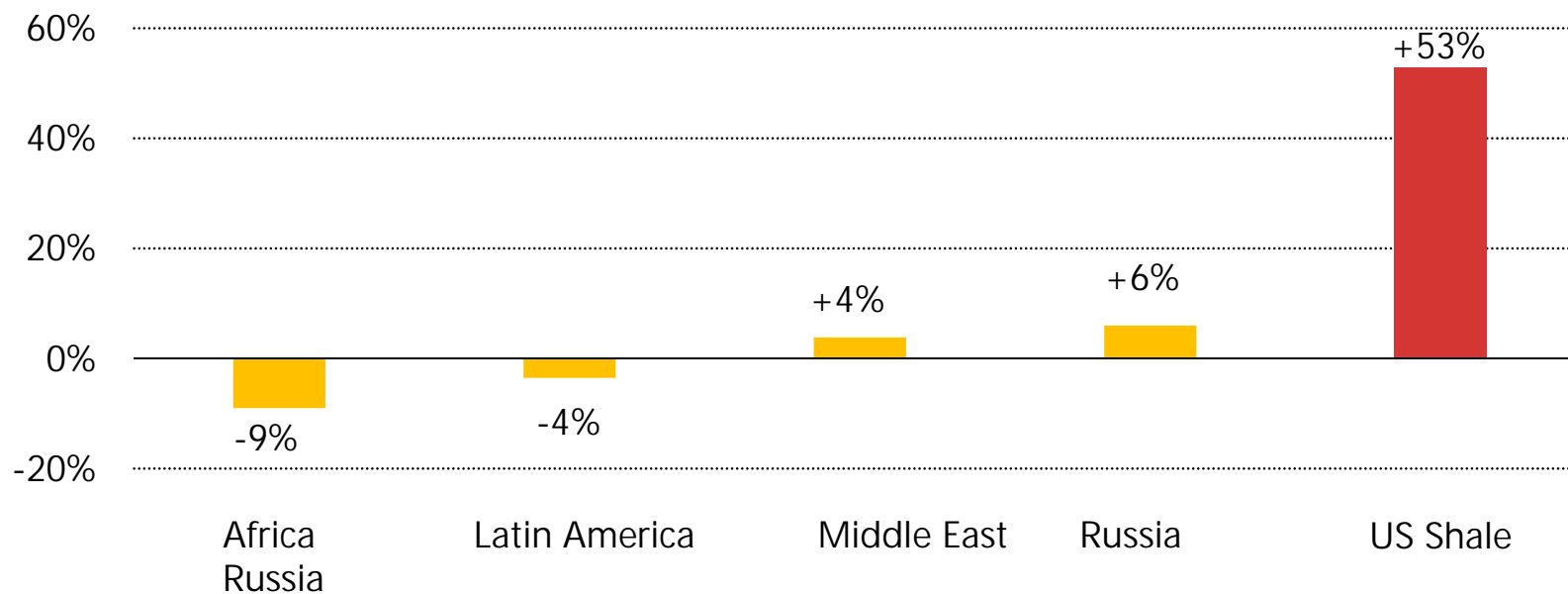


Global oil demand continues to rise, reaching 104 mb/d in 2040; Sustained upstream investment will be needed to ensure supply keeps up with demand

# A two-speed world oil market

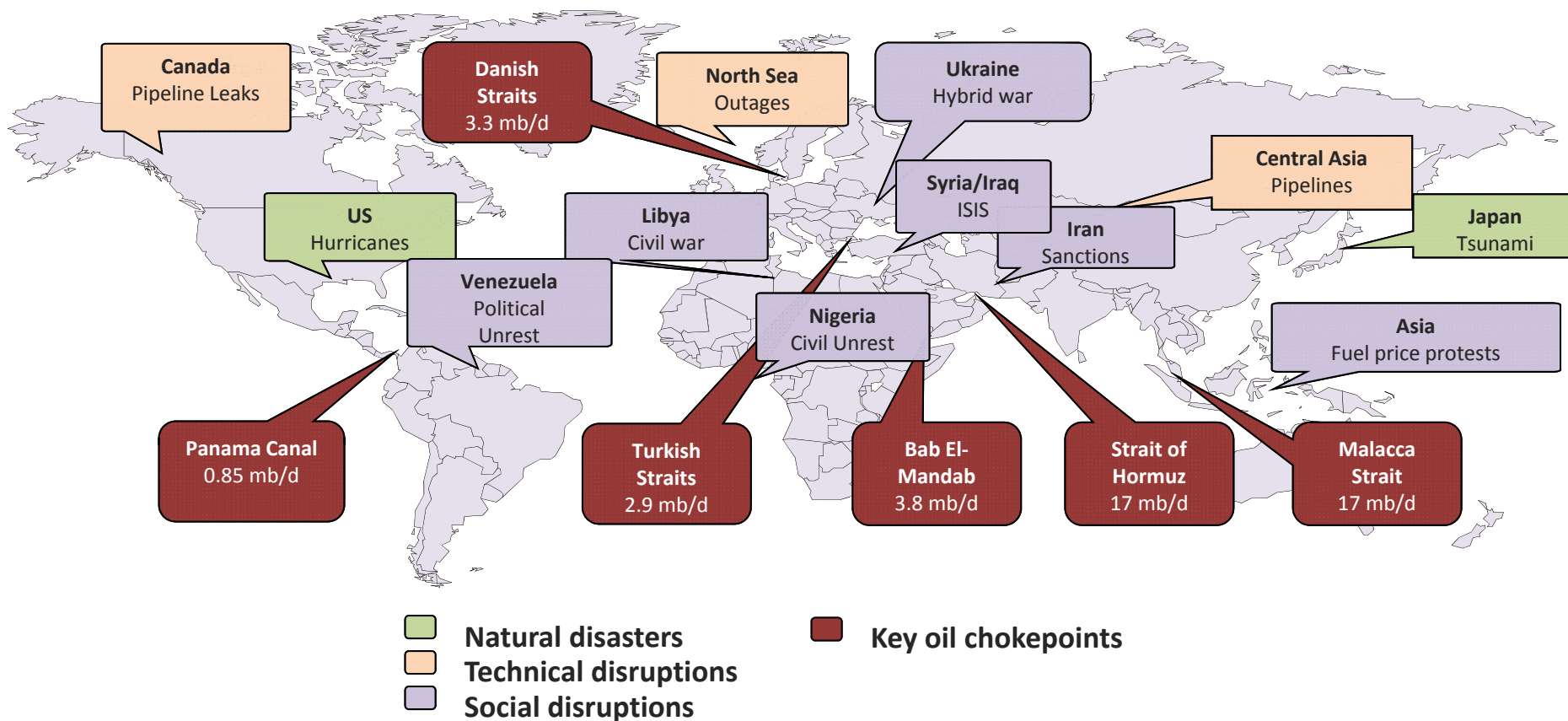


Change in Upstream investment, 2017 vs 2016

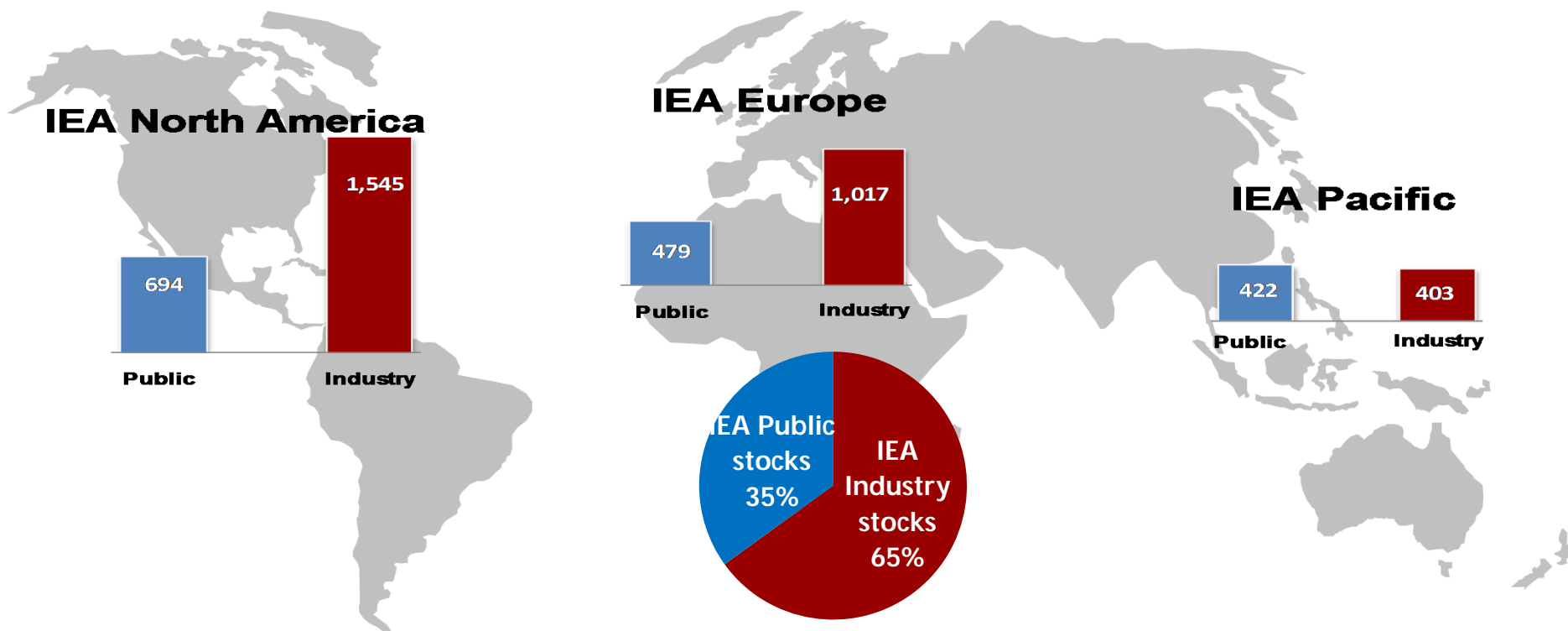


After two years of unprecedented decline, global upstream investment is expected to stabilize in 2017, but downside risks remain

# Oil supply security remains key



# IEA countries obligated to hold at least 90 days net-imports



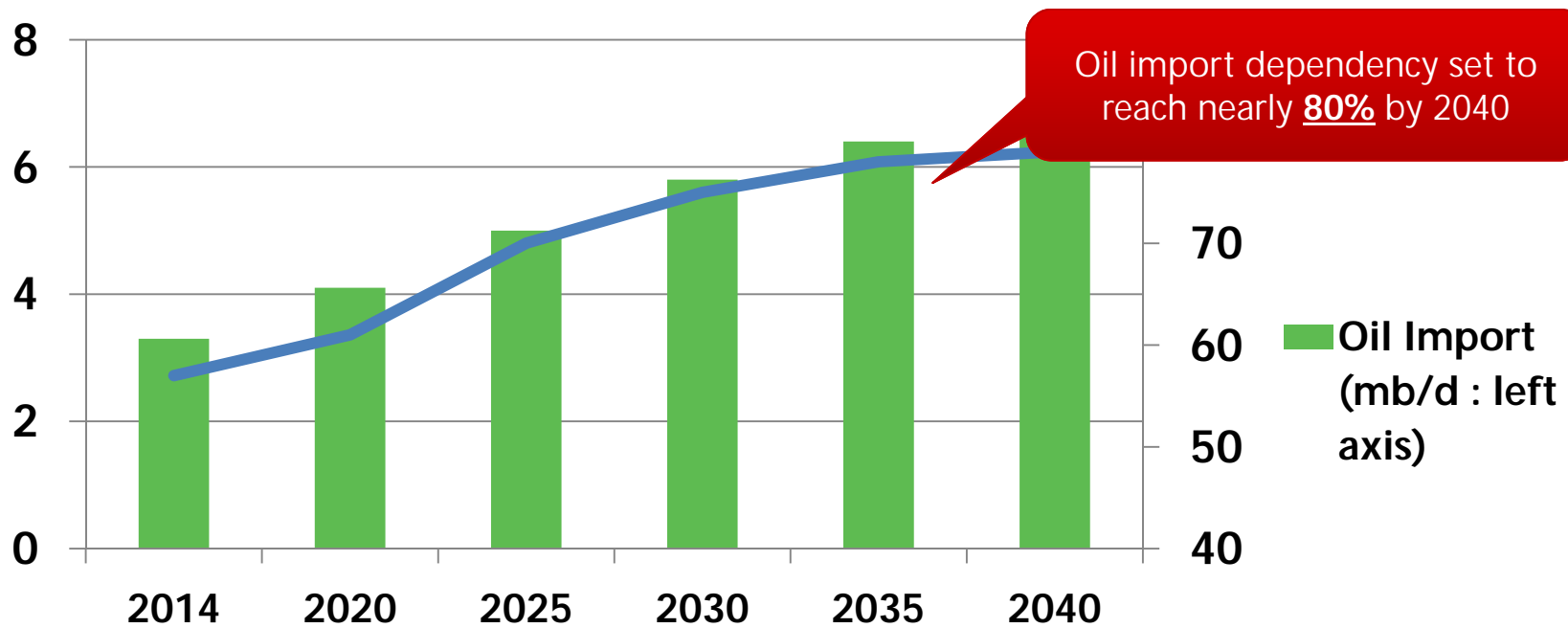
**Total IEA: 4.6 billion barrels**

Note: data as of end-March 2017; figures in million barrels

# Southeast Asia becomes increasingly dependent on oil imports



## Southeast Asian net oil imports



Southeast Asia's dependence on oil imports rises to nearly 80% by 2040