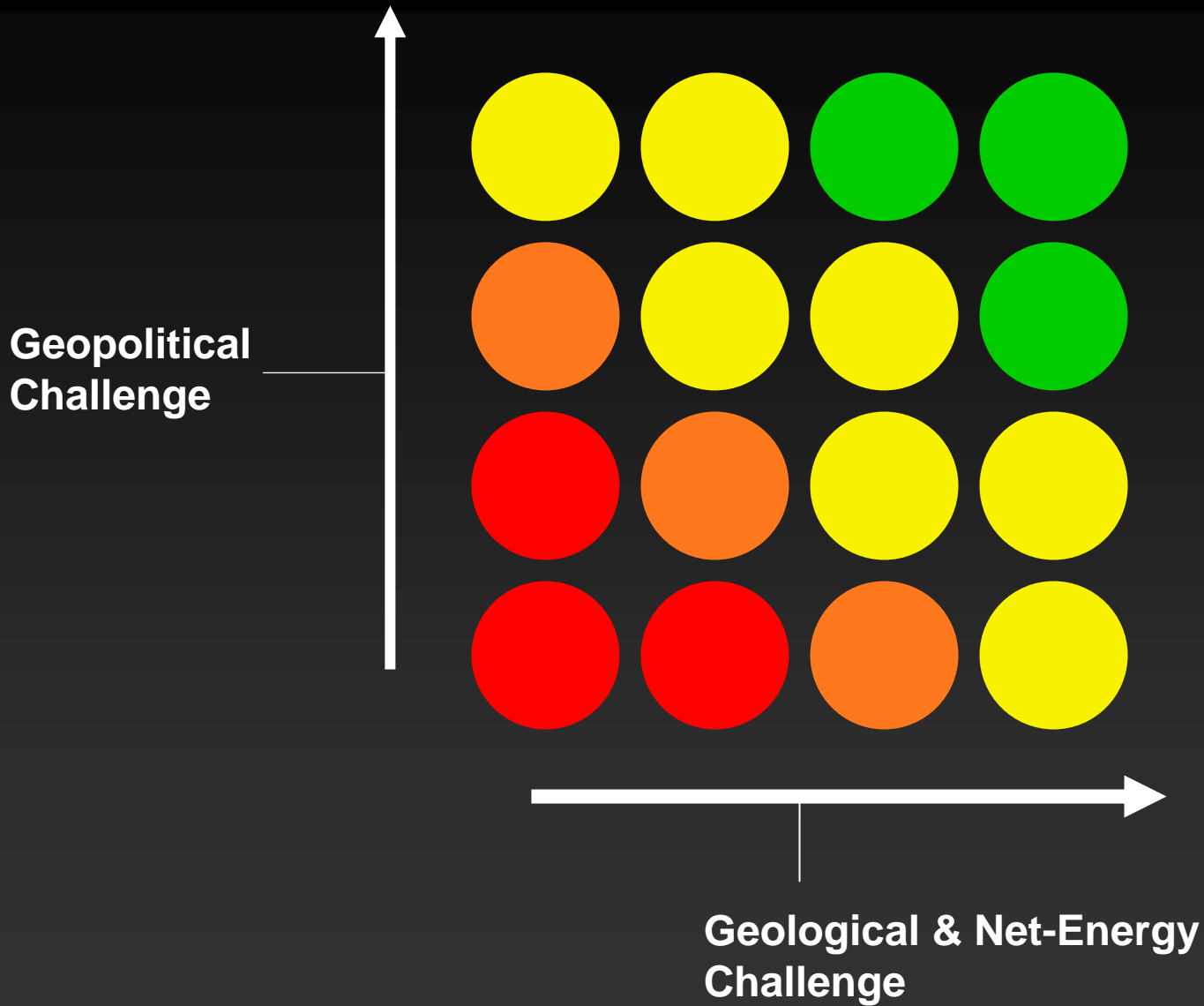


The Geopolitics of Energy

A Systems-Thinking Approach in 10 Slides

Jeff Vail

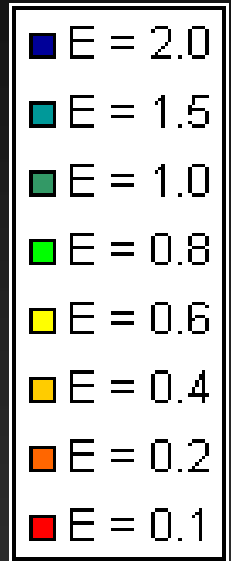
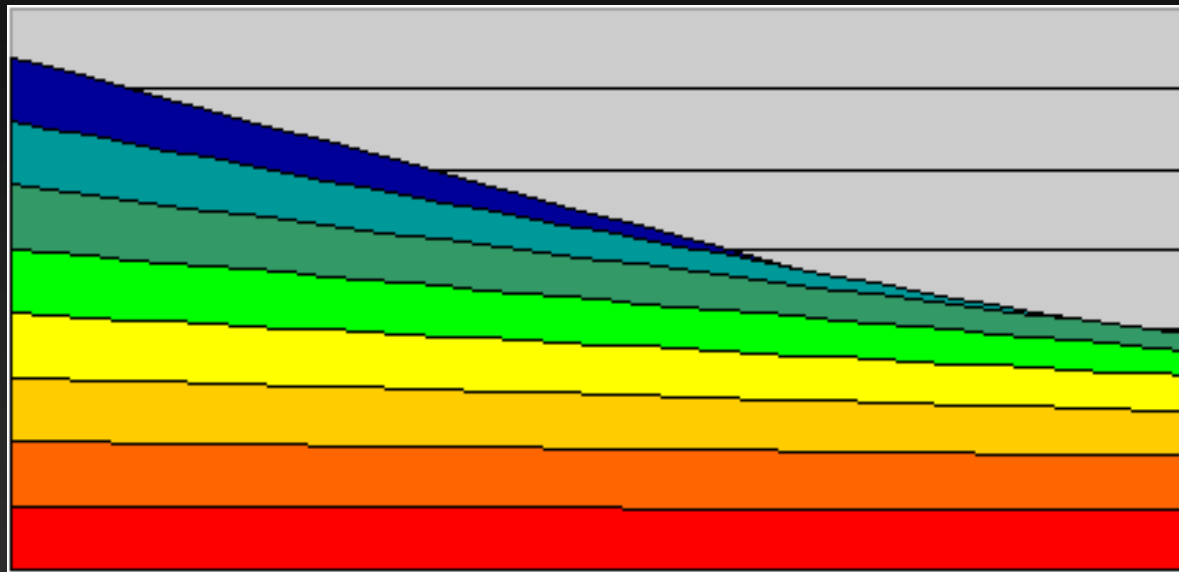
Davis Graham & Stubbs LLP



1

Rational extraction sets the stage for geopolitical problems

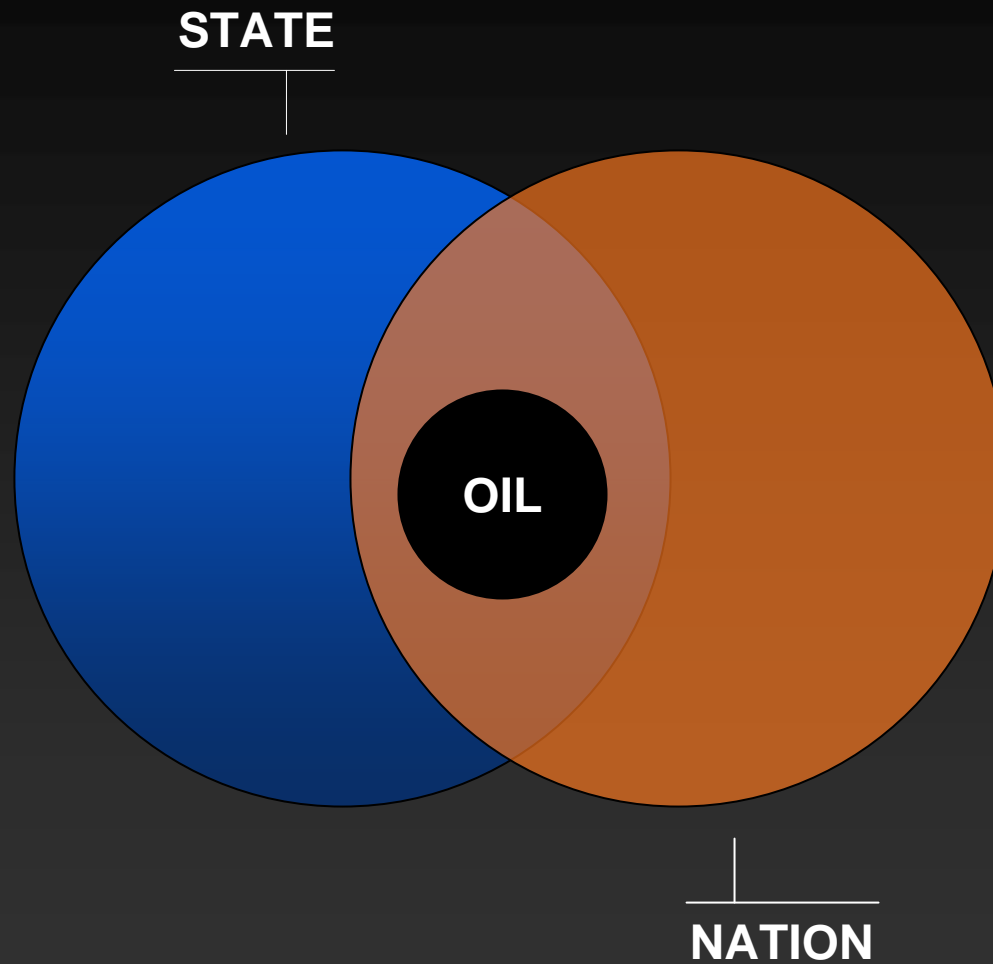
Demand



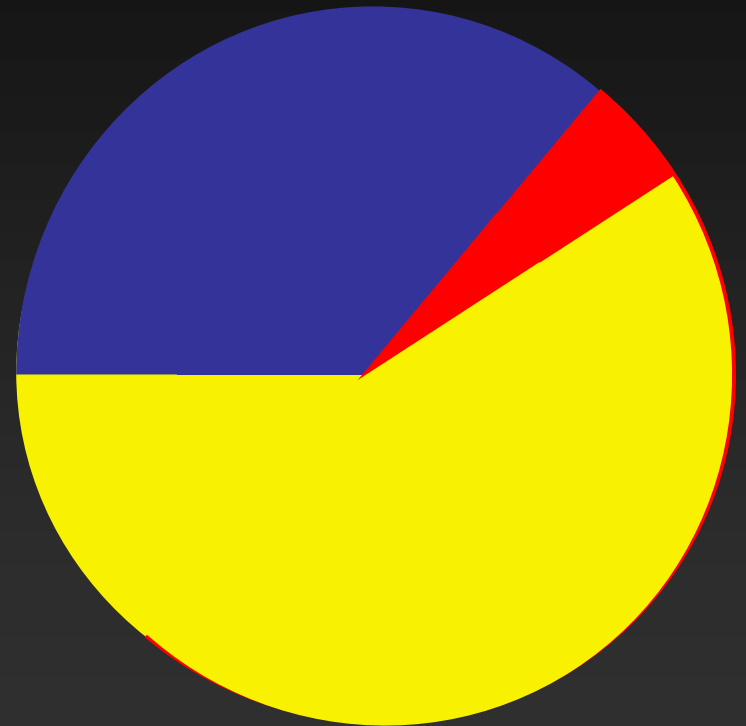
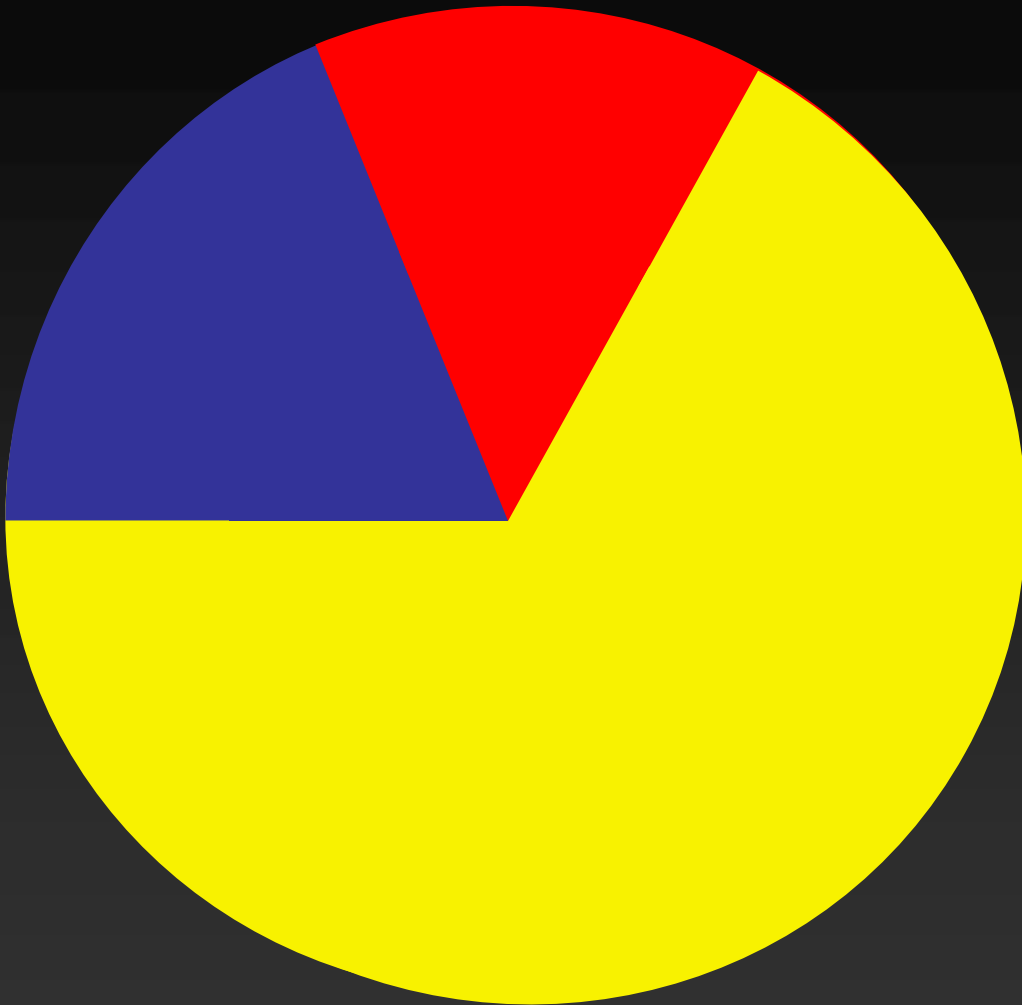
Time

2

Market-driven conservation & efficiency increase inelasticity

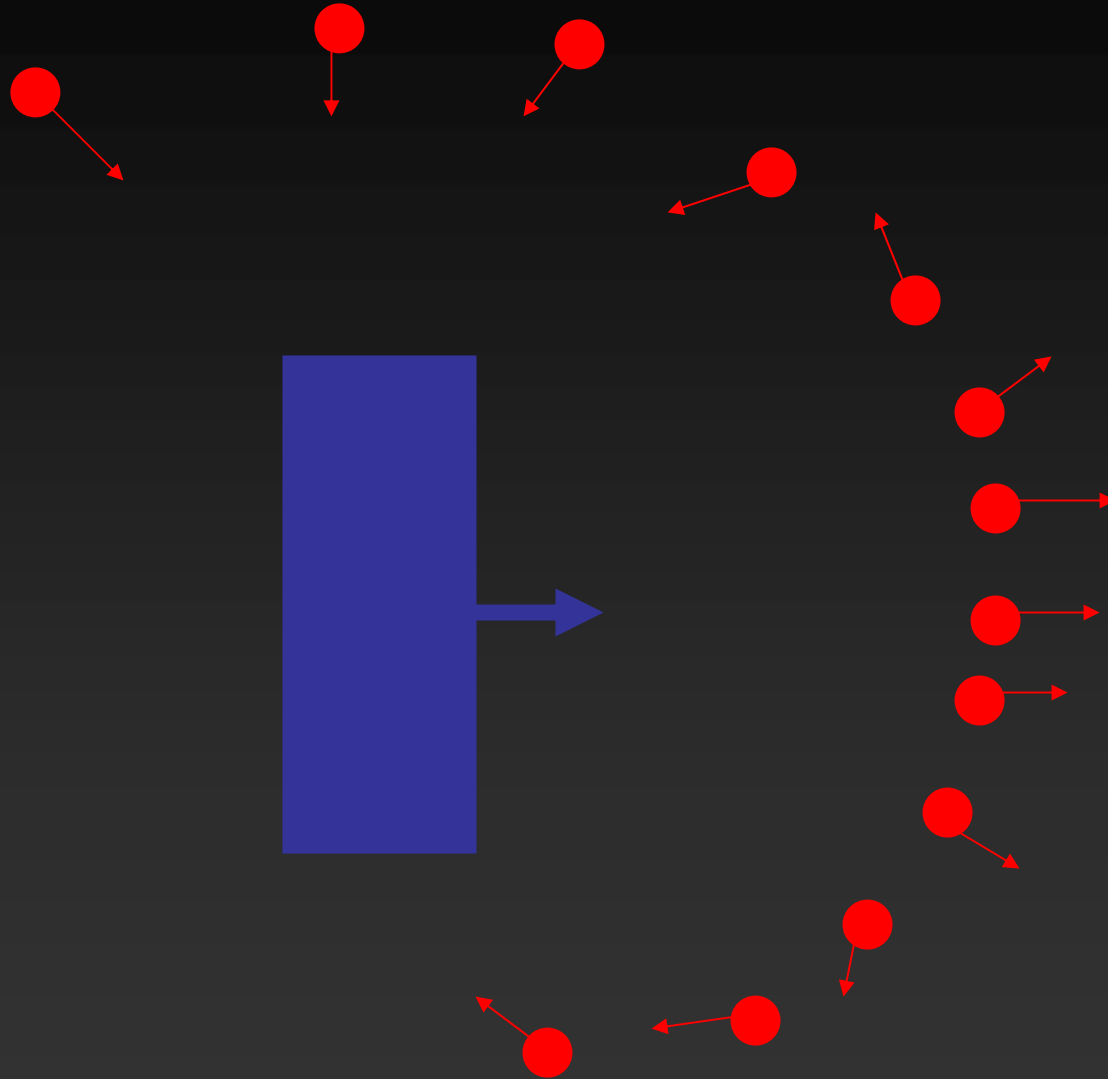


3 Highly theoretical disputes drive very real conflict



4

Actors seek to secure their slice of a shrinking pie



5

Tactical evolution increases geopolitical threat to energy

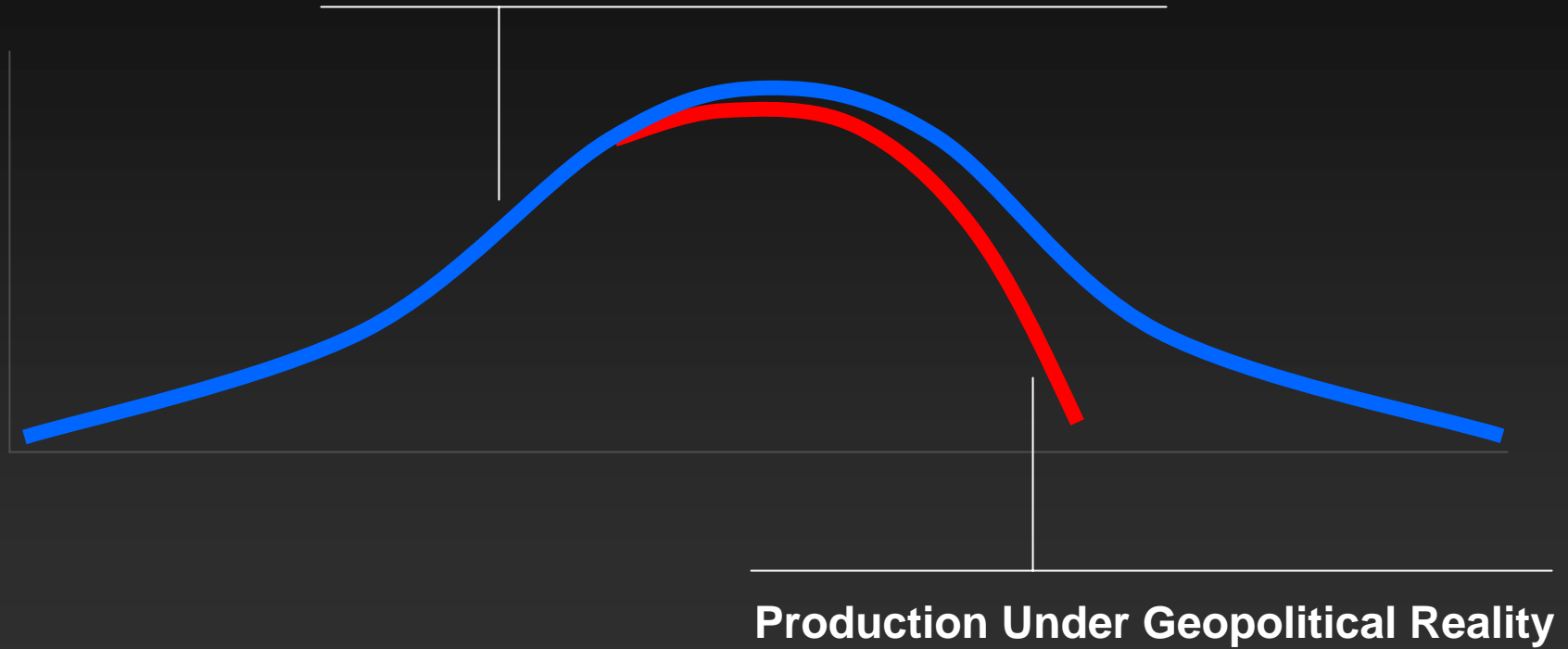
Scarcity Catalyzes Conflict & Supply Disruption



6

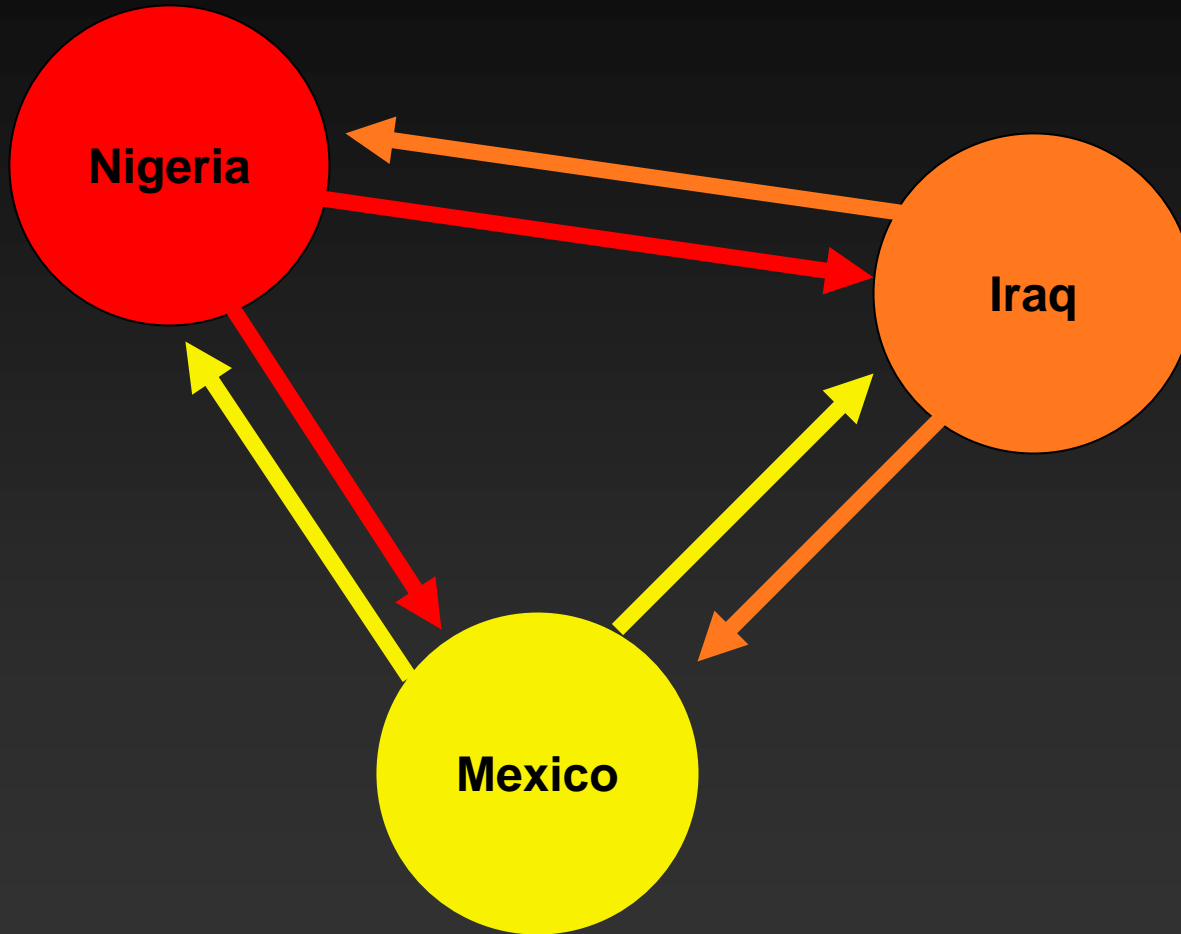
These developments act as positive feedback loops

Geologically Feasible Production Curve

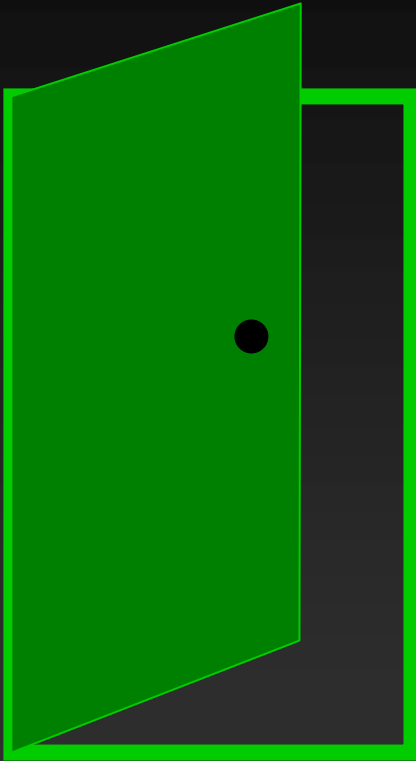


7

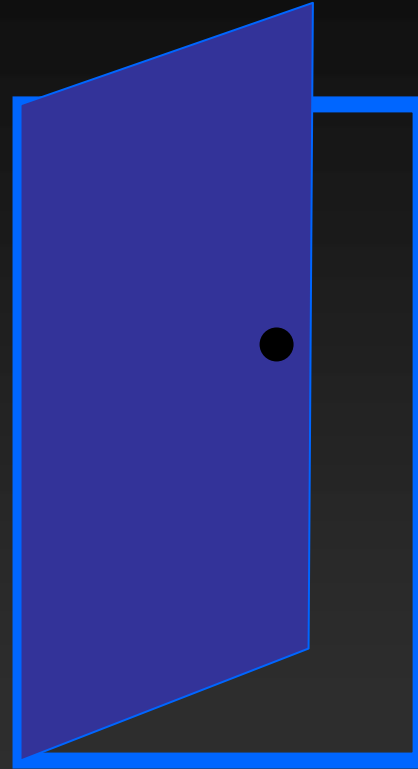
Geopolitical feedback loops exacerbate peak oil



#1

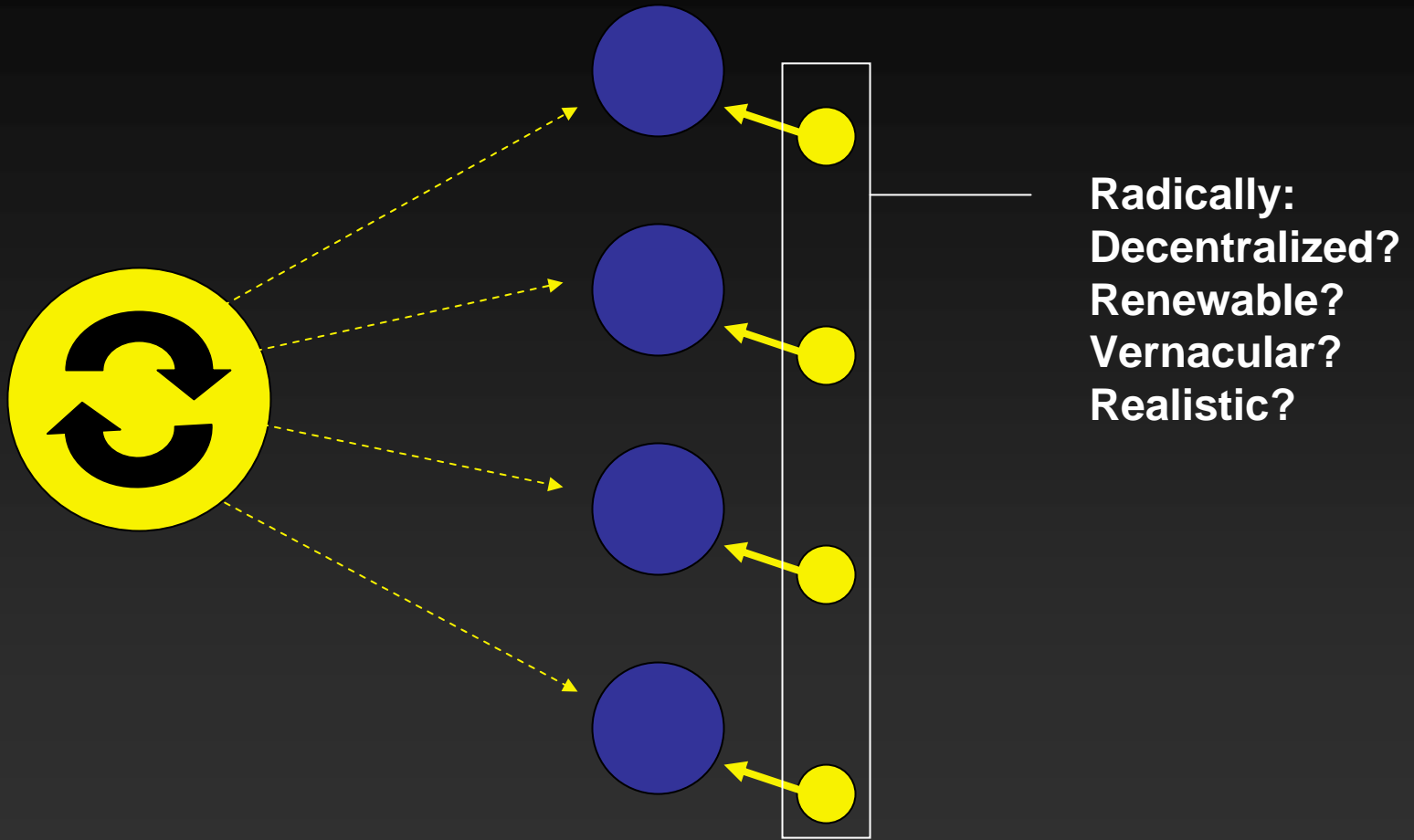


#2



9

“Solving” symptoms leads to alternative negative outcomes



10 Addressing causes requires radical restructuring

Questions?

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Davis Graham & Stubbs LLP