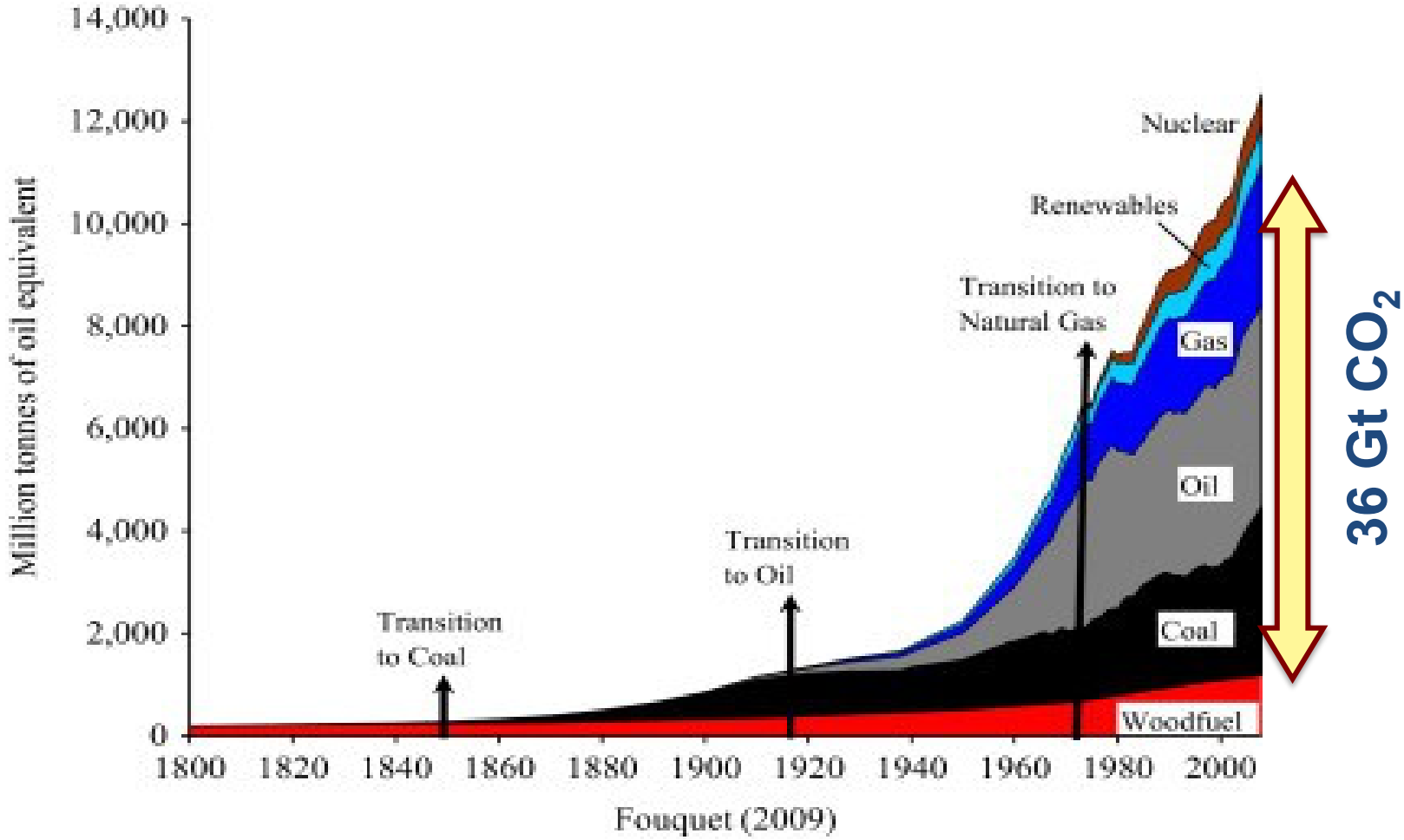
We've never used less of ANY energy



U.S. DEPARTMENT OF ENERGY | Fossil Energy

What is essential to deep decarbonization?

2100 concentrations (ppm CO_2eq)	no CCS	nuclear phase out	limited solar/wind	limited bioenergy
450	138% 4	7% 8	6% 8	64% 8

Symbol legend – fraction of models successful in producing scenarios (numbers indicate number of successful models)

All models successful

Between 80 and 100% of models successful

Between 50 and 80% of models successful

Less than 50% of models successful

IPCC 5th Assessment Synthesis Report, Nov. 2014