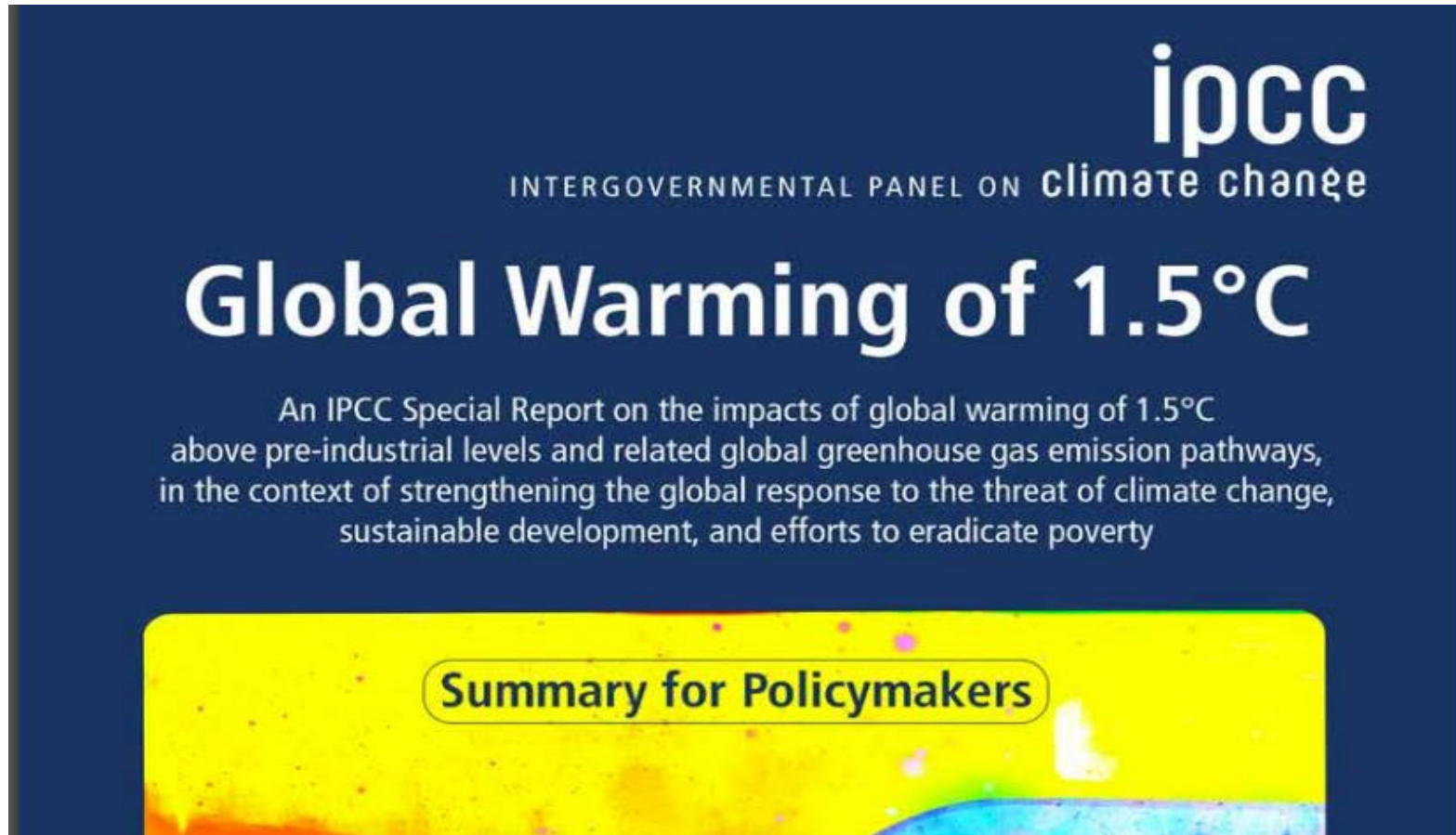




BENEFICIAL ELECTRIFICATION



BENEFICIAL ELECTRIFICATION IS A KEY STRATEGY TO MEET OUR CLIMATE GOALS

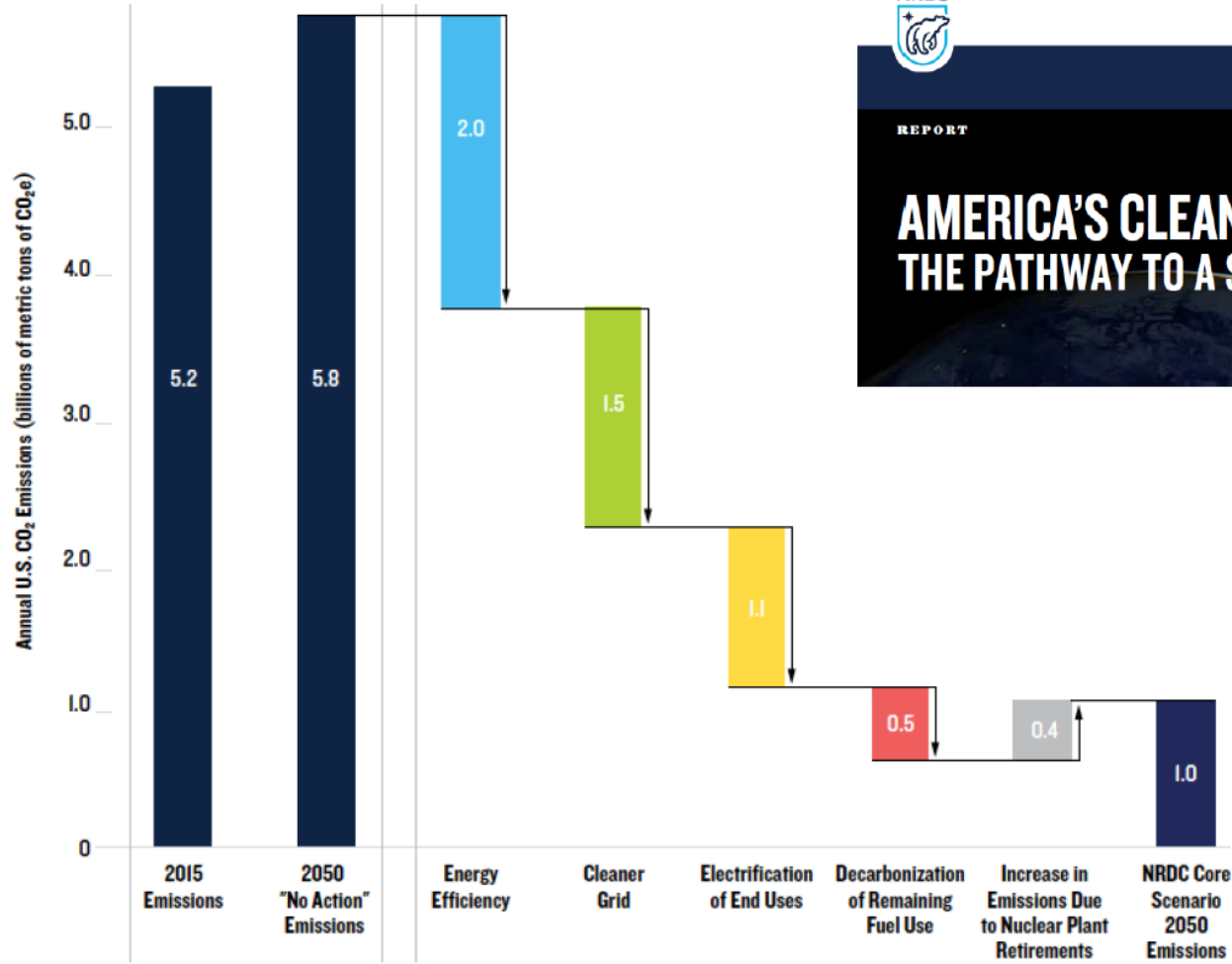




SEPTEMBER 2017
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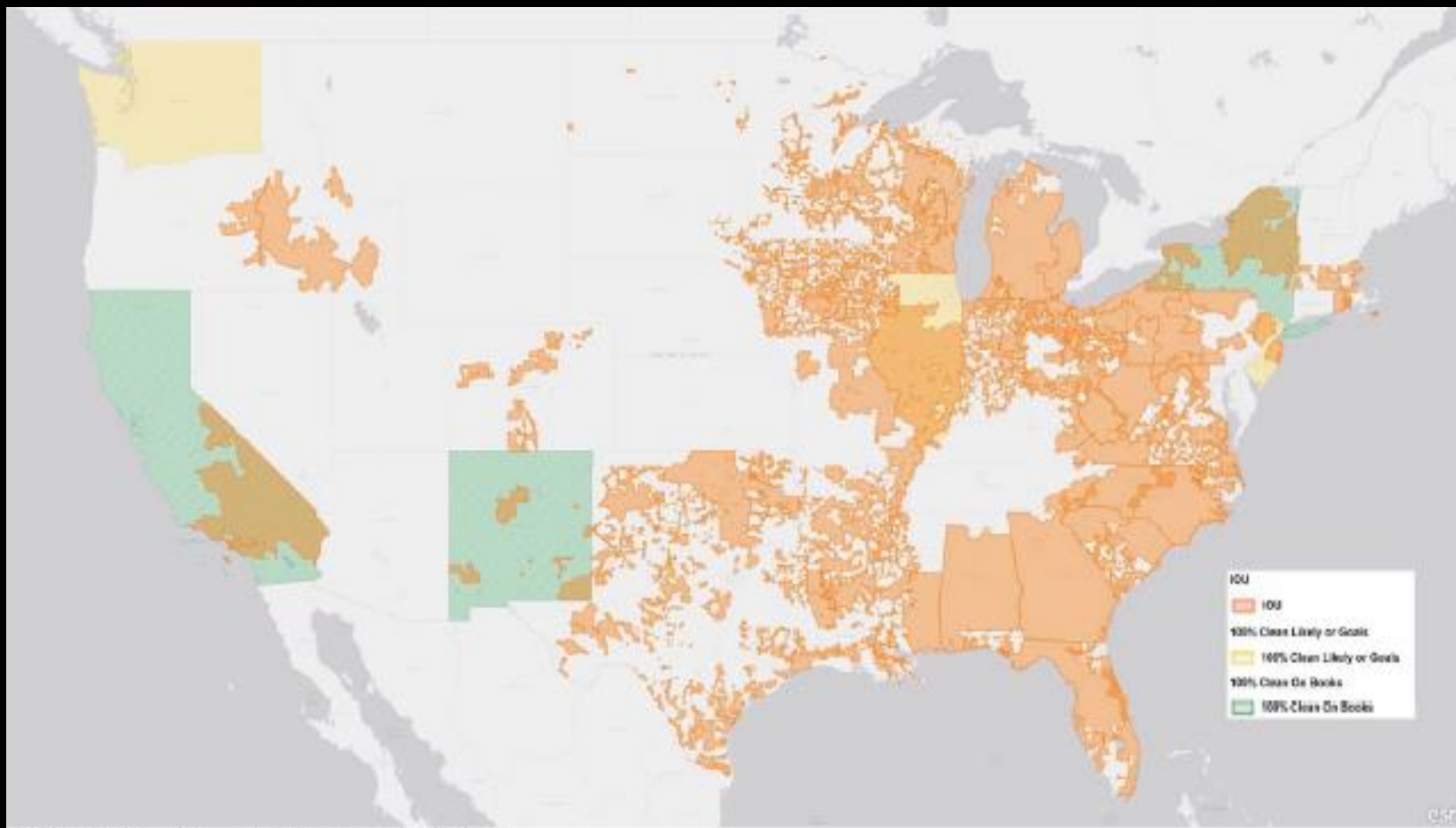
REPORT

AMERICA'S CLEAN ENERGY FRONTIER: THE PATHWAY TO A SAFER CLIMATE FUTURE



Currently assessing
how to close the gap to
net-zero

Utility Carbon Reduction Commitments



Transportation Electrification



Building Decarbonization

Energy Efficiency

Electrification

Demand Flexibility

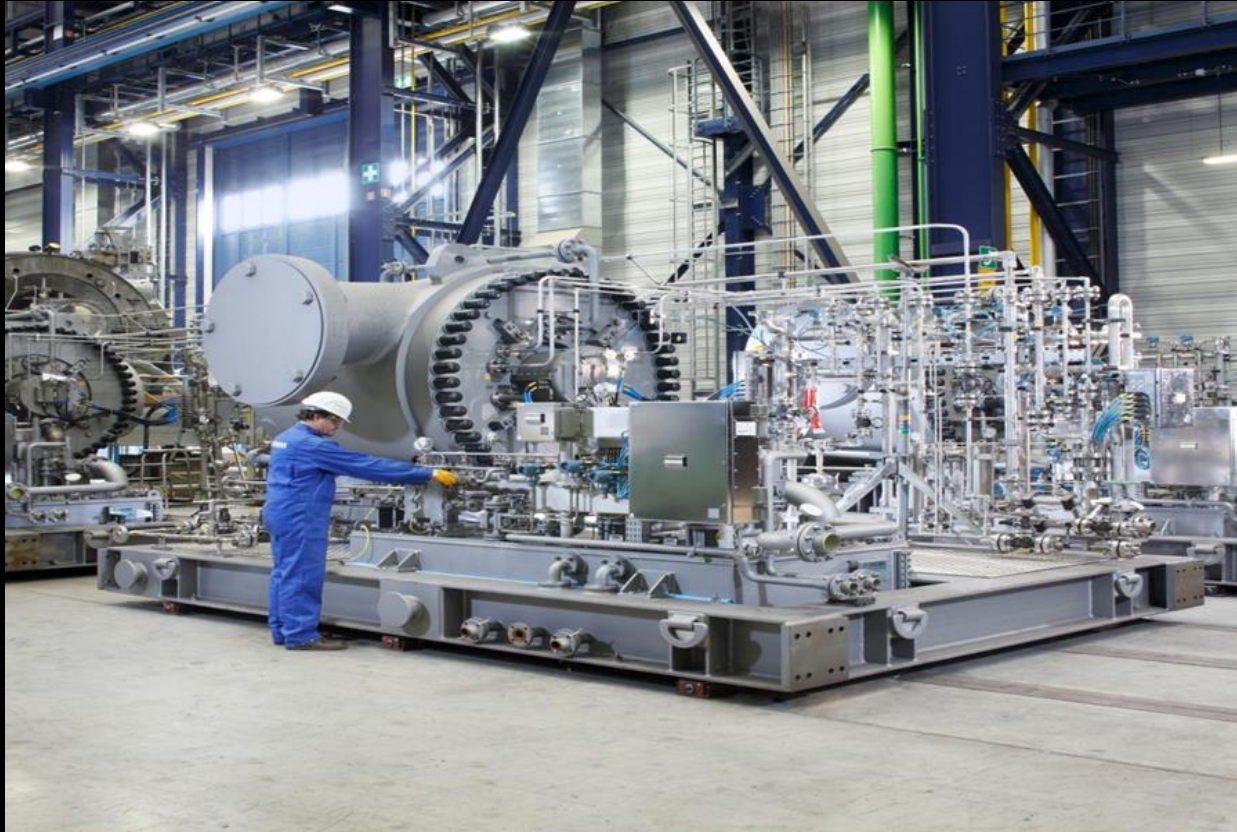
Use least energy

From cleanest fuel

At the right time



Industrial Electrification





POLICY LEVERS

- Research and Development
 - State and Federal
 - Utility
 - Deployment
 - Utility Policy Alignment
 - Incentives
 - Education
 - Market Penetration
 - Market Penetration
 - Role for standards?
 - Crediting reduced emissions?
-