


Managing the Environmental Impacts of Increased Energy Security


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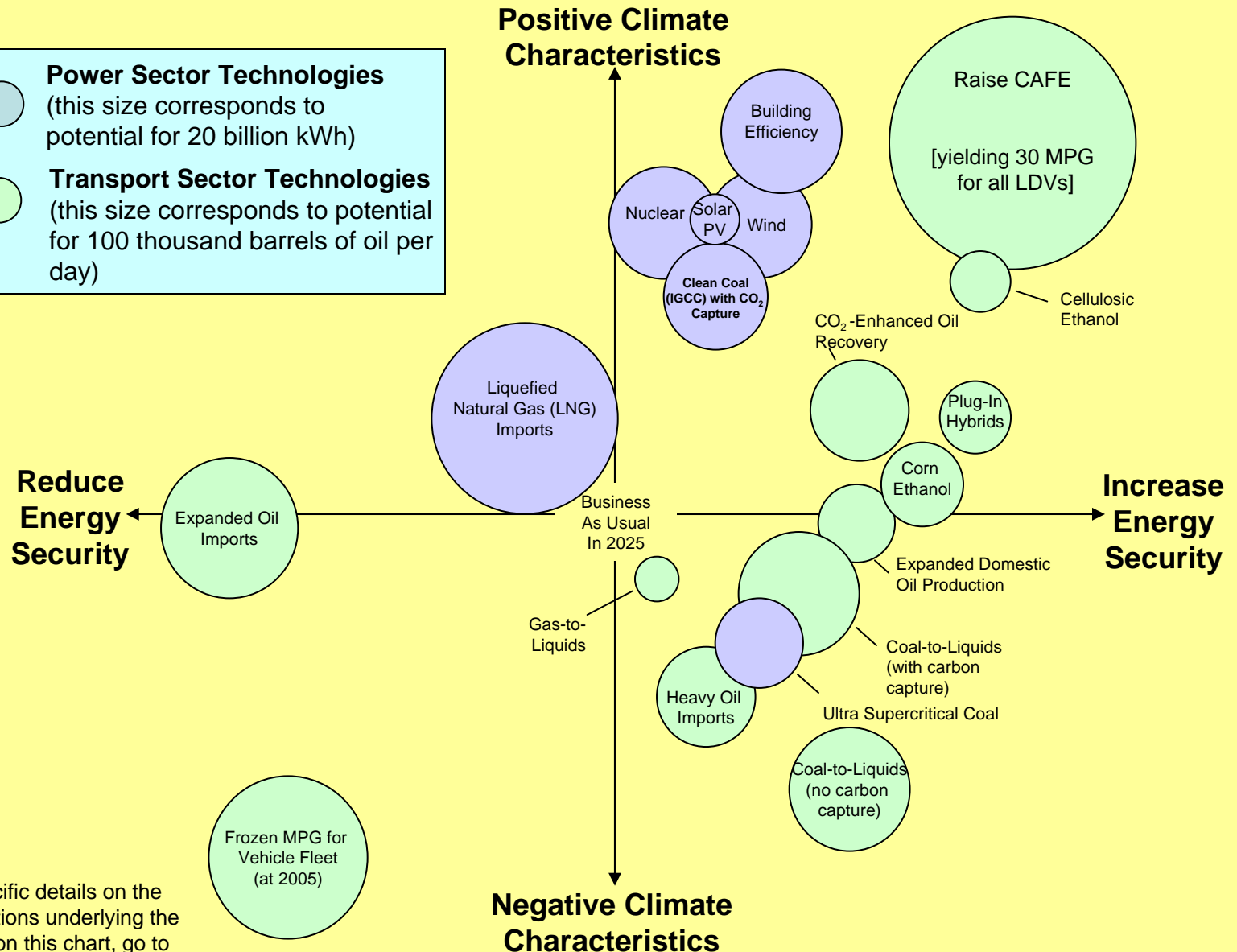
World Resources Institute



A Snapshot of Selected U.S. Energy Options Today: Climate and Energy Security Impacts and Tradeoffs in 2025

 **Power Sector Technologies**
 (this size corresponds to potential for 20 billion kWh)

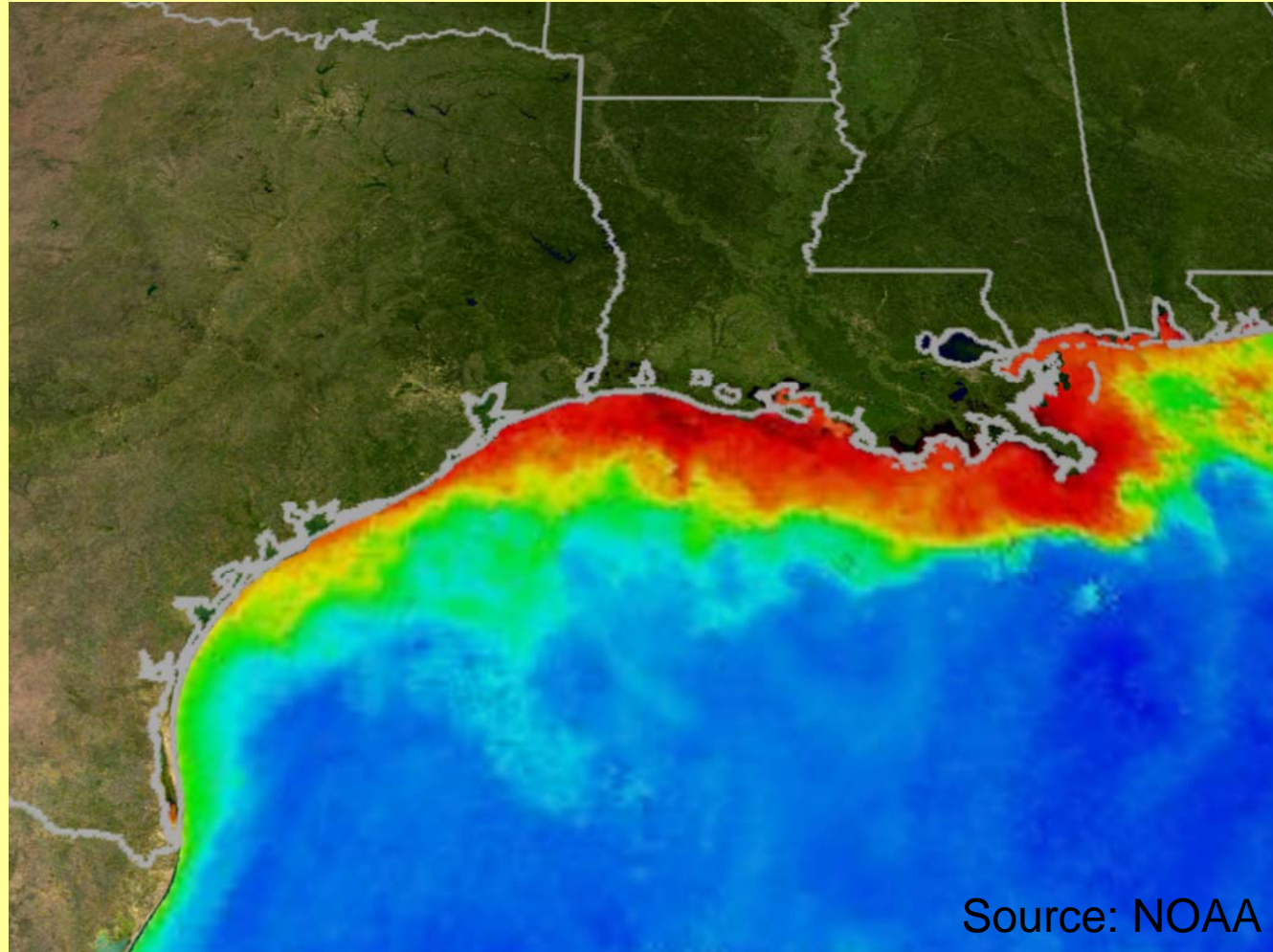
 **Transport Sector Technologies**
 (this size corresponds to potential for 100 thousand barrels of oil per day)



For specific details on the assumptions underlying the options on this chart, go to www.wri.org/usenergyoptions



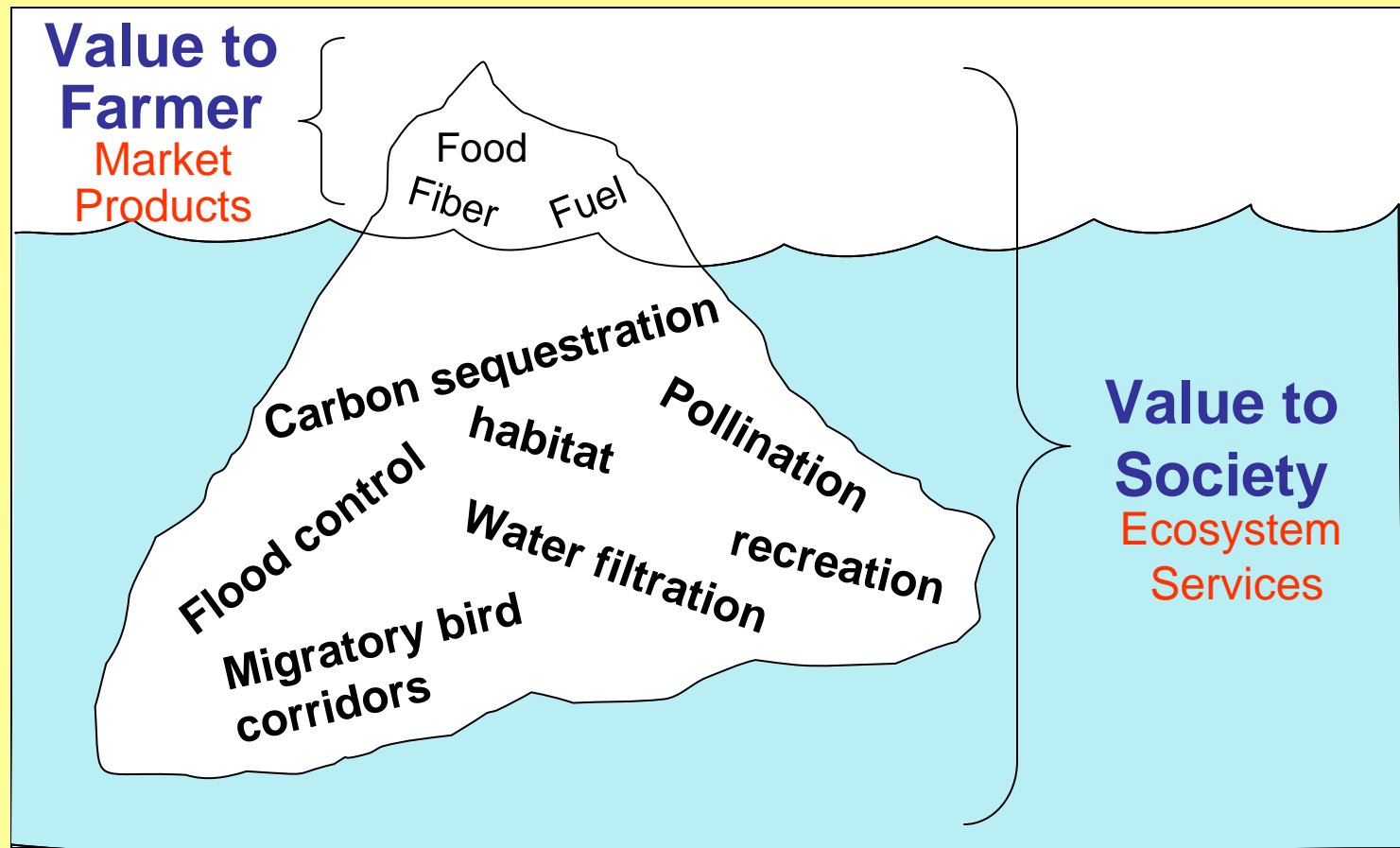
The “Dead Zone”



Nutrient runoff from agriculture in the midwest renders large portions of the Gulf Coast lifeless every summer



Ecosystem Services from Agriculture



2007 Farm Bill

- Build consideration of the full range of agricultural ecosystem services into all programs.
- Focus on market approaches to conservation to achieve bigger bang for the consideration buck.
- Begin building the institutions and capacity for market approaches.
- Develop effective incentives for sustainable agricultural practices in feedstock production.



Markets to Reward “Ecosystem Commodities”

