

Exhibit to Agenda Item #1

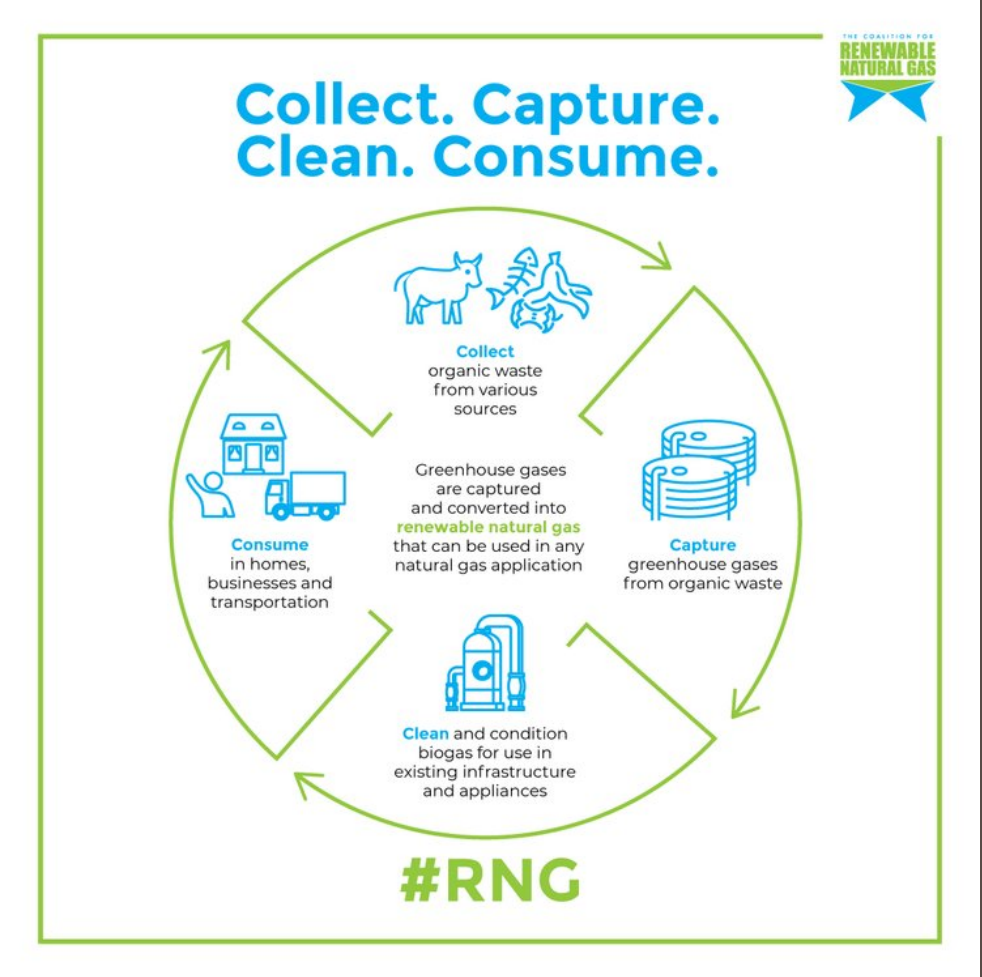
Provide the Board with external and internal presentations followed by a panel discussion on **Green Hydrogen and Biofuels programs.**

Board Strategic Development Committee and Special SMUD Board of Directors Meeting

Tuesday, June 7, 2022, scheduled to begin at 5:30 p.m.

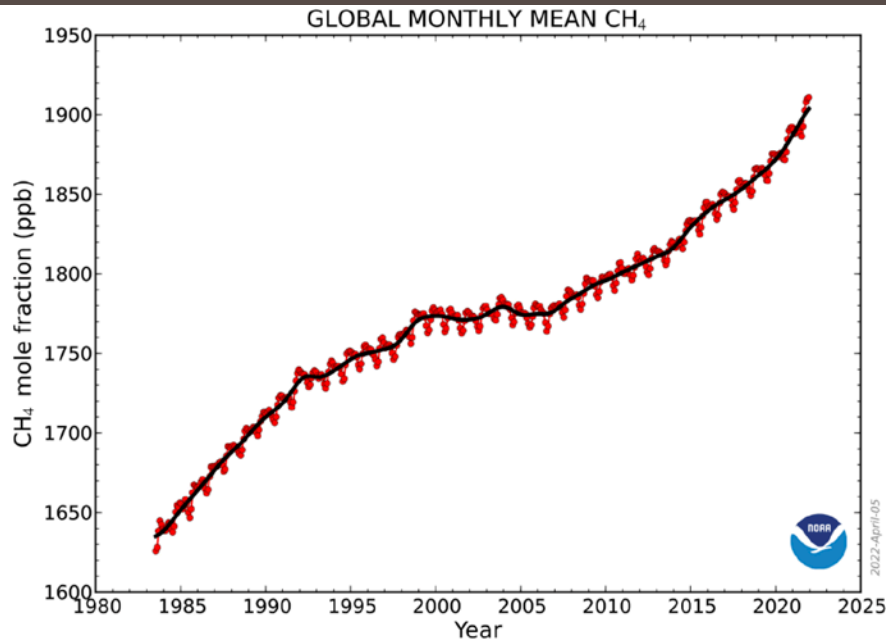
Virtual Meeting (online)

About the RNG Coalition

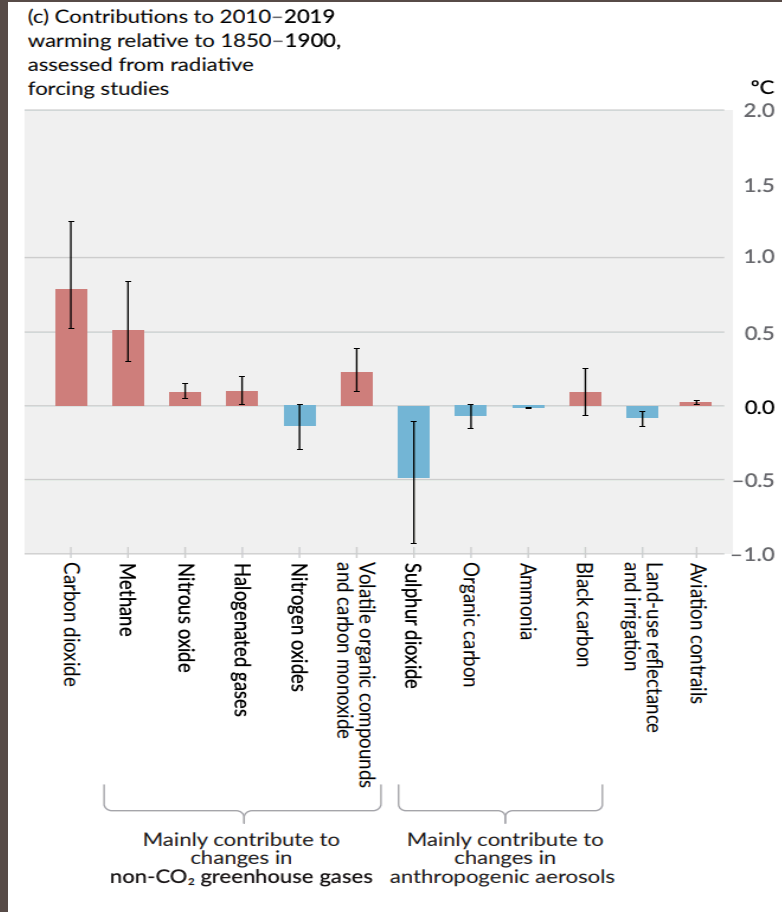


- The leading advocacy and education voice for RNG in North America
- We advocate for the sustainable development, deployment and utilization of renewable natural gas so that present and future generations will have access to domestic, renewable, clean fuel and energy
- 350+ members including: RNG developers, marketers, financiers, technology providers, consultants, utilities and labor coming together
- 98%+ of the RNG supply in North America

Intergovernmental Panel on Climate Change (IPCC) Continues to Emphasize that Reducing Methane is a Critical Near-term Strategy

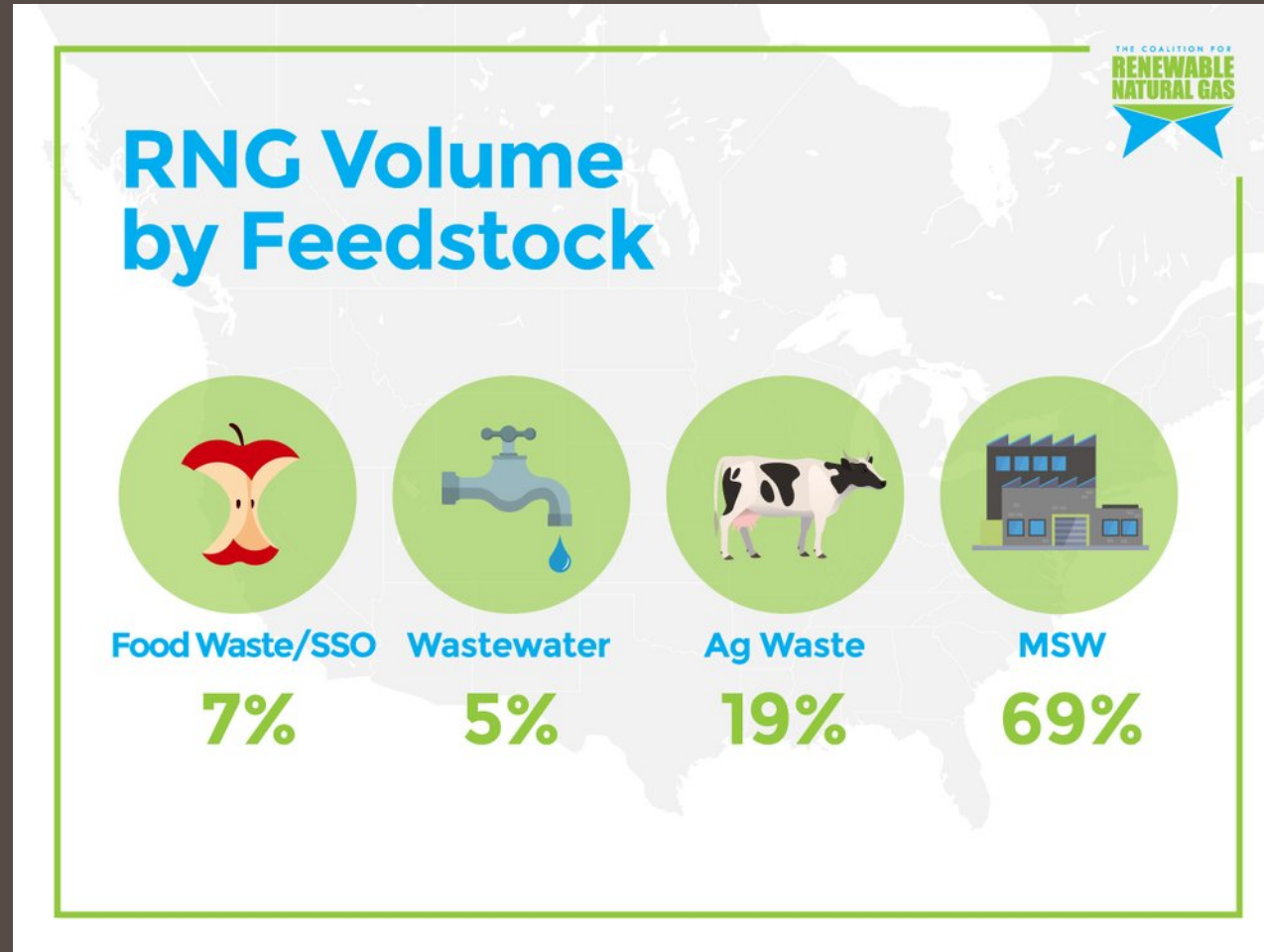


CH4 trend: This graph shows globally-averaged, monthly mean atmospheric methane abundance determined from marine surface sites since 1983. Values for the last year are preliminary. (NOAA Global Monitoring Laboratory)



- Over time scales of 10 to 20 years, the global temperature response to a year's worth of current emissions of SLCFs is at least as large as that due to a year's worth of CO₂ emissions (high confidence)
- Sectors producing the largest SLCF-induced warming are those dominated by methane emissions: fossil fuel production and distribution, agriculture and waste management (high confidence)

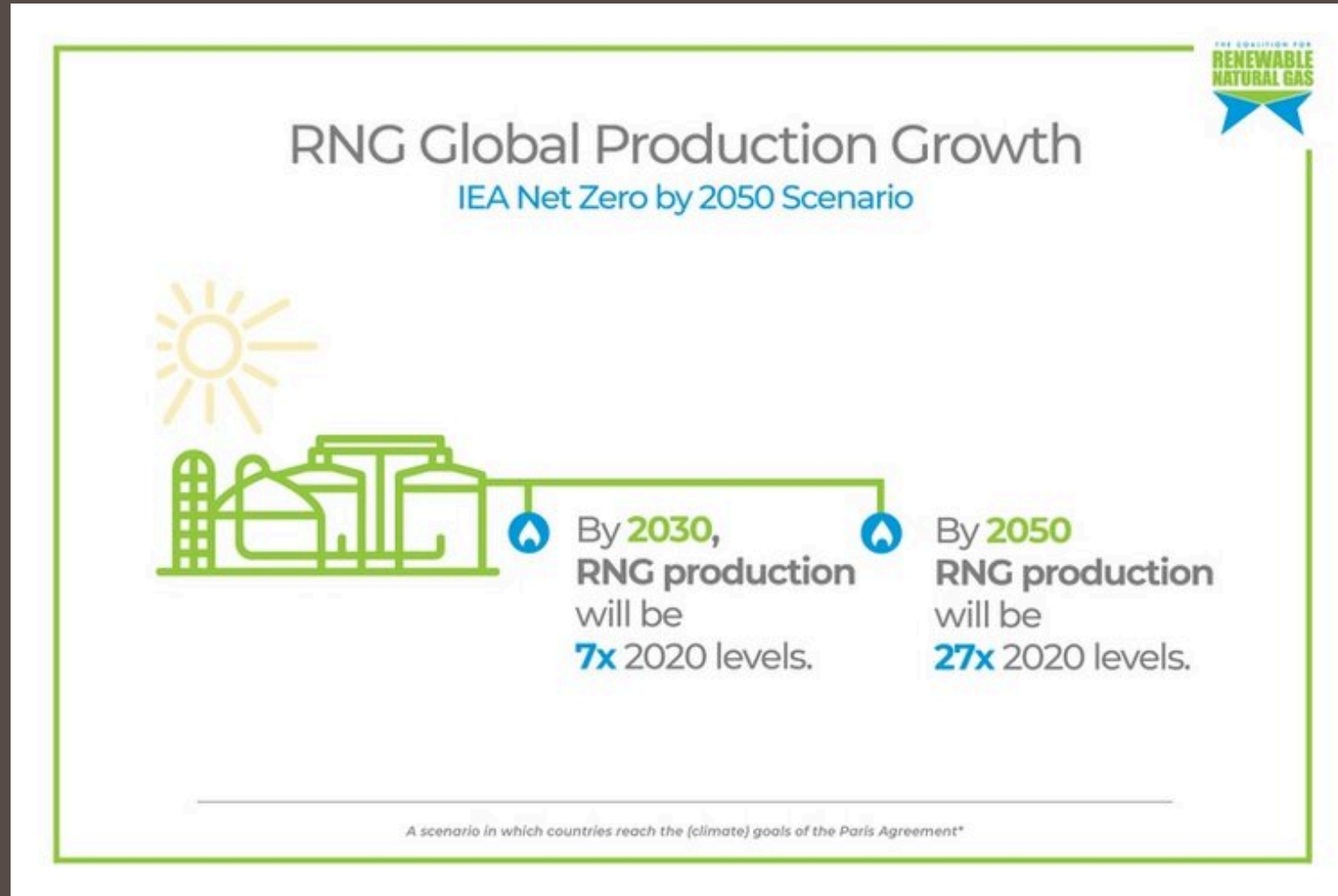
Where Does RNG Come From Today?



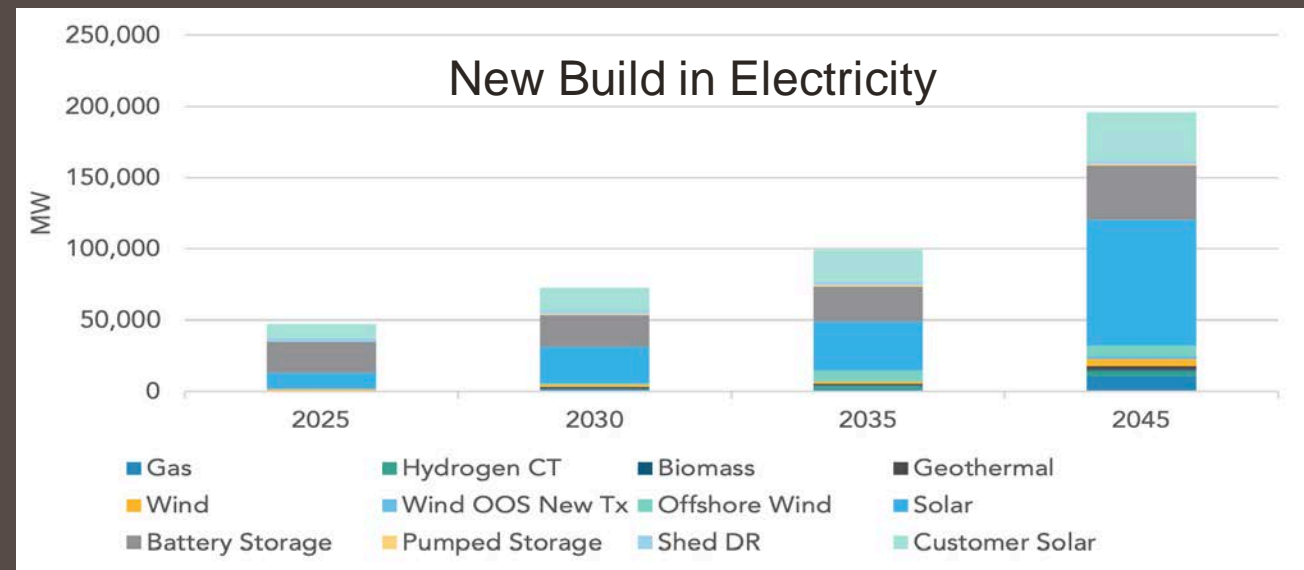
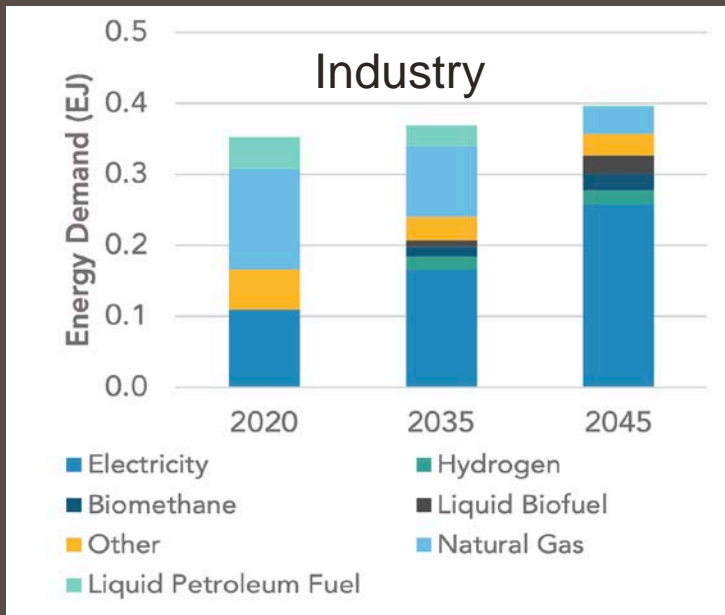
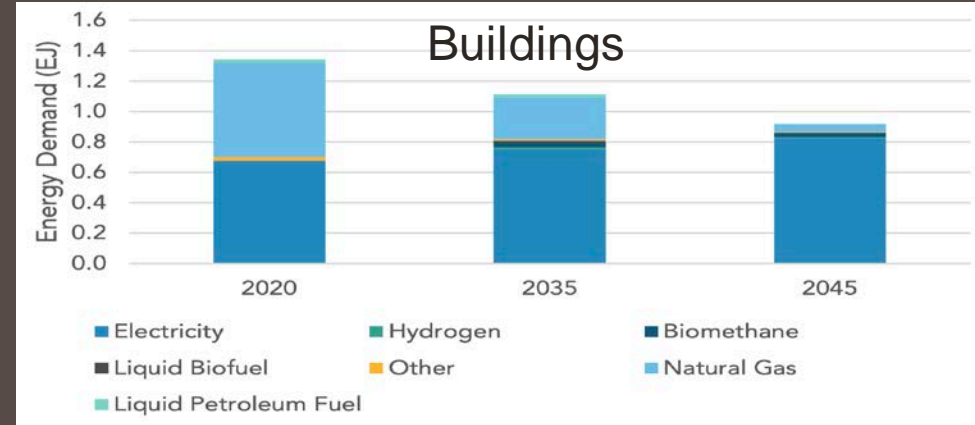
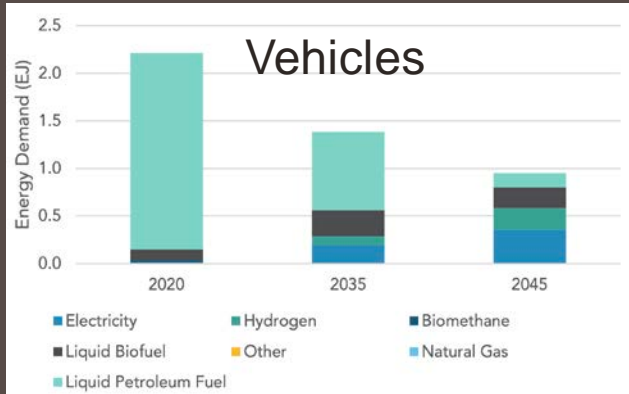
RNG Historical Facility Growth



RNG Potential



CARB Scoping Plan: Who Will Most Need RNG?



Multi-Phase Strategy for Use of RNG Resource

Near-Term: Reduce Methane Emissions

- Build the RNG projects immediately to reduce methane from organic waste streams as fast as possible
- Expand LCFS-like incentives to other sectors
- Reach 2030 SCLP reduction goals
- Begin to decarbonize the gas system

Mid-Term: Begin to Prioritize RNG Use in Hard to Decarbonize Sectors

- RNG projects that are pipeline injected offer a flexible resource that can be sent to the sectors that most need it over time (i.e., those that prove to be hard to decarbonize in other ways)
- This choice becomes more important when remaining gas demand is closer to RNG supply

Long-Term: Manage Transition to H₂ with CCS

- When hydrogen transport infrastructure develops, consider transitioning bio feedstocks to H₂ molecule as the energy carrier (especially for non-AD feedstocks)
- Couple H₂ production with Carbon Capture and Sequestration to get carbon negative outcomes