ARPA-E announces funding for 33 new projects that focus on transportation fuels and advanced lightweight metals manufacturing. The projects are funded through two new ARPA-E programs called REMOTE and METALS.

REMOTE, which stands for Reducing Emissions using Methanotrophic Organisms for Transportation Energy, will provide $34 million to 15 projects aimed at finding advanced biocatalyst technologies that can convert natural gas to liquid fuel for transportation. METALS, which stands for Modern Electro/Thermochemical Advancements for Light-metal Systems, will provide $32 million to 18 projects aimed at finding cost-effective and energy-efficient manufacturing techniques to process and recycle metals for lightweight vehicles.

ARPA-E Deputy Director Martin announced the projects during a roundtable discussion on Capitol Hill, which focused on how American ingenuity and strategic public-private partnerships are driving U.S. energy innovation. Learn more about ARPA-E’s two new programs and the 33 new projects.