

Accelerating the pace of change.

RMI's vision of a clean energy future commits us to **THINK** bigger, **DO** boldly, and **SCALE** globally.

Phonesavanh Latmany (left),
CFAN Advisor to Papua New Guinea,
listens during a site visit in Fiji.

Retrofitting 3.2M multifamily units

For California to achieve its climate goals, affordable multifamily housing must improve energy efficiency, reduce carbon emissions, and lower tenant utility bills while enhancing quality of life. Our new report covers how energy service agreements, combined with federal incentives, help scale needed decarbonizing retrofits.

Boosting Research for accelerating transportation electrification

Catalytic funding from FedEx and General Motors means RMI can now provide complex transport electrification and investment analysis at the census-block level, arming decision-makers with the information to quickly, effectively, and equitably upgrade the US grid to meet increasing demand.

Up to 40% reduction in CO₂ emissions with a cement alternative

Our insight brief, *The 3Cs of Innovation in Low-Carbon Concrete*, explores emerging and alternative concrete and cement technologies. RMI also co-hosted a workshop on LC3 — a climate-friendly cement blend that can achieve major emissions reductions. Of the 80 cement supply chain companies attending, one has announced that it will produce LC3, and several more are considering it.

Slashing aviation's 2.5% of global CO₂ emissions

In collaboration with global lenders and aviation industry experts, RMI developed guidance for an Aviation Climate-Aligned Finance Framework that includes an emissions intensity metric, a reference 1.5°C scenario-based benchmark, and technical resources to enable the sourcing of high-quality data.

Supporting applications to 2 important US federal funding programs

A new version of e-Lab — a forum created by RMI to bring leading energy practitioners together to solve key energy transition problems — generated buzz for the US government's Empowering Rural America (New ERA) Program and Energy Infrastructure Reinvestment program. Two boot camps for energy leaders supported Rural Electric Co-operatives' applications to the New ERA program.

Electrifying our favorite Movie + TV productions

Disney, Netflix, and RMI are reimagining how film productions are powered. The Clean Mobile Power Initiative aims to increase alternatives to diesel generators by unifying demand and accelerating supply for mobile technological solutions such as battery energy storage systems.

Millions in climate finance mobilized by 7 advisors

One year into their work supporting eight small island nations in accessing climate finance — often the biggest barrier to climate mitigation for frontline nations — the Climate Finance Access Network's (CFAN) Pacific advisors have mobilized US\$67 million, with an additional \$364 million in the pipeline.

Securing 3x more cost-effective building codes

New building codes in Colorado will ensure new construction is more electric-ready, laying the foundation for more EV, heat pump, and on-site panel deployment. RMI mobilized the *America is All In* coalition and provided testimony and analysis to show how EV-ready building codes are more cost-effective than adding infrastructure later.

GET LINKS TO
MORE INFORMATION
ABOUT ALL THIS WORK AT:
rmi.org/impact-summer-2023

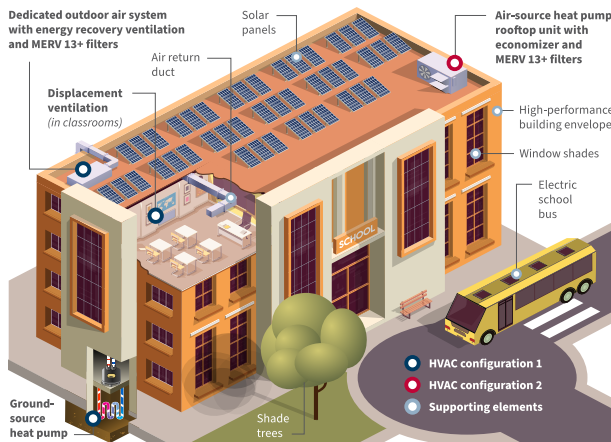


All-electric HVAC systems in schools would be a game-changer for students and the climate

June 2023 was the hottest June on record since 1850. As summer temperatures stretch into fall, can schools' climate control systems keep up? Across the US, 41 percent of school districts need to update or replace HVAC systems in at least half of their schools, representing about 36,000 schools nationwide.

Visualizing an All-Electric, High-Performance HVAC System

Modern HVAC systems are all electric, meaning there is no on-site combustion of any fossil fuels, and high performance, indicating the equipment is highly energy-efficient, cost-effective, and capable of reliably maintaining healthy conditions indoors and outdoors. Many HVAC technology options and configurations are possible — two configurations are below.



RMI's recent report, *HVAC Choices for Student Health and Learning: What Policymakers, School Leaders, and Advocates Need to Know*, argues that schools should transition to all-electric, high-performance HVAC systems — with electric heat pumps as a centerpiece — that will deliver health, learning, climate, and economic benefits for decades to come.

With nearly 700 downloads and direct distribution to more than 200 organizations, our report has received accolades from new and existing partners; strengthened policy efforts like California Schools Healthy Air, Plumbing and Efficiency Program; and landed RMI first-time meetings with influential K-12 stakeholders, including the US Department of Education; the American Society of Heating, Refrigerating and Air-Conditioning Engineers; and leaders from the nation's largest school districts.

Transitioning schools to these HVAC systems is a job for everyone: superintendents, school board members, policymakers, students, teachers, and parents. It starts with understanding how HVAC choices affect student health and learning, which guides resource allocation and funding opportunities, helping advance supportive policy at all levels.



**SUPPORTER
SPOTLIGHT**

“Unless someone like you cares a whole awful lot, nothing is going to get better. It's not.”

The Lorax's final plea aligns well with RMI's core value of applied hope — that hope is not about some vague, far-off future but is expressed and created moment by moment through our choices.

THE DR. SEUSS FOUNDATION shares these values, acting as a catalyst for improved literacy in arts and humanities, health and well-being, animal welfare, and the environment. Foundation board member Ted Owens — also an RMI donor — is the great-nephew and namesake of Dr. Seuss, also known as Theodor Geisel. Owens says the foundation's recent unrestricted donation supports RMI's work to make people, companies, and governments more clean-energy and climate literate. **We thank the Dr. Seuss Foundation and Ted Owens for their generosity.**

ICYMI In Case You Missed It

The energy transition is big, complicated, and often challenging to understand. Two new feature types on rmi.org are meant to combat that.

- 1 | **CLEAN ENERGY 101s** provide clear explanations of energy essentials
- 2 | **REALITY CHECKS** help debunk myths

Help us set the record straight on misconceptions hindering the energy transition by reading and sharing them.



**MORE RESEARCH, ANALYSIS, AND STORIES
ON [RMI.ORG](https://rmi.org)**

What You Can Do



Learn more about any of this work and how you can take part in the clean energy transition by scanning this QR code with the camera on your smartphone or visiting: rmi.org/impact-summer-2023