RMI ENERGY TRANSFORMED

QUARTERLY IMPACT REPORT WINTER 2023

Accelerating the pace of change.

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

Staff from RMI's US Program celebrate the passage of the IRA at the White House

THINK | TESTING OUR ANALYSIS

12.7% **of current childhood asthma in the US can be linked to gas stove use.**

Findings from an RMI peer-reviewed study put gas stove pollution at a similar asthma risk to secondhand smoke exposure, adding to a growing body of research on gas stoves' health impacts. Transitioning to healthier, cleaner alternatives — like induction stoves — are now easier with IRA incentives.

Our energy transition analysis "peaked" high-level global interest.

The Center for Climate-Aligned Finance papers address the role of private financial institutions in the managed phaseout of coal power and lay out financial instruments for transition while securing risk-adjusted returns. The findings can help accelerate the phase-out of high-emissions technology across many sectors.

DO | PILOTING SOLUTIONS

A gas certification agreement could cut CO_2 equivalent emissions by about ~28,000 tons

Washington Gas will supply its National Capital Region customers with MIQ-certified natural gas. MIQ, established by RMI and SYSTEMIQ, independently certifies the methane intensity of each 1MMBtu of natural gas, providing the market with the data needed to reduce emissions.

Emitters of 50% of Southeast Asia's carbon are ready to transition from coal.

RMI is helping the governments of Indonesia and Vietnam develop models and financial analyses for decarbonization. In parallel, we are encouraging G7 countries to share clean energy technology and provide more development and philanthropic funding to the region.

$290M in WV economic development will support battery manufacturing plant.

The investments and plant in Weirton, West Virginia, are a direct benefit of the Inflation Reduction Act, which RMI helped shape. The plant will produce Form Energy's 100-hour iron-air battery, creating at least 750 new full-time jobs and representing a total investment of up to US$760 million.

SCALE | CATALYZING MARKETS

More than 70,000 of the world's biggest climate polluters are now mapped.

Last November, Climate TRACE — a database of the world's greenhouse gas emissions — released its first facility-level inventory, covering more than 72,000 sources of emissions. RMI leads the work on modeling emissions from oil refining and oil and gas production. Learn more at climatetrace.org.

Minigrids can bring electricity to 265M people in 21 African countries by 2030

The Africa Minigrids* Program will help countries scale up and deploy renewable energy US$65 billion, in mostly private sector investments, will fund 110,000 minigrids, bringing electricity to 200,000+ schools and clinics, and 900,000+ businesses.

** With funding led by the Global Environment Facility, and implemented by UNDP in partnership with national governments, RMI and the African Development Bank.*

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

IMPACT SPOTLIGHT

Turbocharging US Climate Investment

The historic Inflation Reduction Act (IRA) is the single largest action taken by the United States to address the climate crisis. The IRA's $369 billion in tax credits and incentives have the potential to leverage trillions of dollars in additional climate investment and revitalize communities throughout the country.

RMI's federal policy team directly advanced key provisions of this legislation, working closely with other NGOs, businesses, communities, scientists, policymakers, advocacy groups, and the Biden Administration. This included co-design and analysis support for the Energy Infrastructure Reinvestment program and the Battery Manufacturing Credit, tax credit optimization for solar and hydrogen applications of the Production Tax Credit, and helping ensure low-income household eligibility for building electrification incentives, home efficiency, and EV-focused programs and credits.

While the IRA is projected to reduce US emissions by 40 percent, RMI believes it can go much further. But many provisions have expiration dates, so opportunities to realize its impacts are fleeting, and without skillful implementation, the full potential of this legislation will not be realized. With deep expertise in US policy, climate-aligned finance, and all major energy-using and energy-producing sectors of the economy, more than half of RMI's programs play major roles in IRA implementation. And because we work directly with the entities that are ensuring outcomes of the IRA, we are well positioned to help drive this next phase forward. We are actively focused on strategic implementation, and the next few years are critical.

TEAM SPOTLIGHT

Mahlet Eyassu Melkie, senior associate with RMI's Climate Finance Access Network, uses her deep experience in international climate negotiations to help countries — especially in Africa — establish ambitious global climate targets for the New Collective Quantified Goal on Climate Finance or NCQG.

> **"Developing countries are not responsible for the climate crisis yet are the most affected. Unless there is action by all countries, we can't overcome this crisis."**

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In Case You Missed It

MORE RESEARCH, ANALYSIS, AND STORIES ON RMI.ORG

More and more, RMI influences the collective conversation and informs decision-makers' work. With surging interest in climate- and energy-related news, along with increased content and more sophisticated storytelling, RMI.org saw 19 percent growth in overall visitors, including 20 percent growth in new users.

- **From Poverty to Power in Pembroke**
- **Which Gas Will Europe Import Now? The Choice Matters to the Climate**
- **Six Solutions to the Battery Mineral Challenge**
- **Clean Energy 101: Heat Pumps**
- **The Inflation Reduction Act Could Transform the US Buildings Sector**

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-winter-2023