



# ANNUAL IMPACT REPORT

2022





**MARCELO MENA**  
CEO, GLOBAL METHANE HUB

When I joined the Global Methane Hub in February of 2022, I was determined that our small organization would put its stamp on climate action. What I could not have envisioned was how deep the imprint would be or how quickly the ink would spread.

In just one year of being operational, the Global Methane Hub has had a tremendous level of impact—a testament to the unmatched expertise and contributions of our team and the speed and agility with which we have operated. We have sprinted to catalyze private sector and government action on methane reduction and delivered meaningful progress and wins. We also built on the experience and connections our funders provided to those of us who are new to philanthropy.

The Global Methane Hub has gone from being a newcomer in the climate world to occupying an agenda-setting seat in the room of global policy events, creating global policy initiatives with organizations like the United Nations, and developing industry-first and technology-driven initiatives to inform decision making and government action. Our catalytic funding has accelerated the implementation of emerging ideas, such as the Methane Alert Response System and the Waste MAP, and accelerated transformative research to reduce methane in the agricultural sector.

Within our first year, the Global Methane Hub has granted \$70 million to a growing global network of more than 60 organizations. We have deployed our funding to leverage critical resources for global communities and worked closely with governments worldwide to provide increased capacity and strategic thinking for their methane mitigation policies. In this decade-long effort, we know we will face unforeseen challenges and we recognize we will need to be nimble and resilient to continue to deliver. Join us in making the Global Methane Pledge's goals a reality.

We have been ambitious, and delivering programs in complex jurisdictions hasn't been easy. The analysis takes time and we learn how to do it better and faster with each opportunity. We live in a world in which multilateralism is facing challenges, and our methane mitigation agenda is set within a context of geopolitical conflict.

Our small and nimble team has grown to include a world-class collective of policy and scientific experts, program directors, and regional leads. We now have a global presence—with staff in Chile, Uruguay, Denmark, Ghana, Senegal, New Zealand, and the United States—and we will be expanding our presence in the coming year.



## VISION

We envision a world where a dramatic reduction of methane emissions by 2030—coupled with rapidly decreasing emissions of carbon dioxide and other greenhouse gases—keeps global warming under 1.5°C, averting climate catastrophe and bringing social, environmental, health, and economic benefits to communities, cities, and countries.

## MISSION

Our mission is to accelerate action by governments, civil society, researchers, investors, and the private sector to develop and implement strategies that will catalyze systemic rapid reductions in methane emissions in the energy, agriculture, and waste sectors.

## GOAL

The Global Methane Hub will contribute to reducing global methane emissions 35% by 2030 and 50% by 2050, on a baseline of 2010 levels.



# SECTOR OPPORTUNITIES

In order to contribute to reducing methane, we have identified specific sectors where we see an opportunity to make rapid impact. In partnership with our funders and our grantees, we have shaped a detailed mitigation strategy across sectors and regions. We look forward to sharing our theory of change and overall strategy with our ecosystem partners throughout this year.

## DATA

By early next year, myriad methane remote sensing and other improved tracking measures will become available for us to better understand where emissions are occurring and spur action to reduce them.

## FINANCE

We will work to increase and better target public and private financing of methane solutions.

## ENERGY

Working with our partner NGOs, we will apply pressure on oil and gas companies to set strict methane leakage targets and establish coal methane targets in key countries.

## AGRICULTURE

We will identify opportunities to significantly reduce the methane emission footprints of global rice and livestock supply chains through policy mainstreaming, investment in research for mitigation breakthroughs, demonstrating win-win innovations, and promote their adoption and scaling.

## WASTE

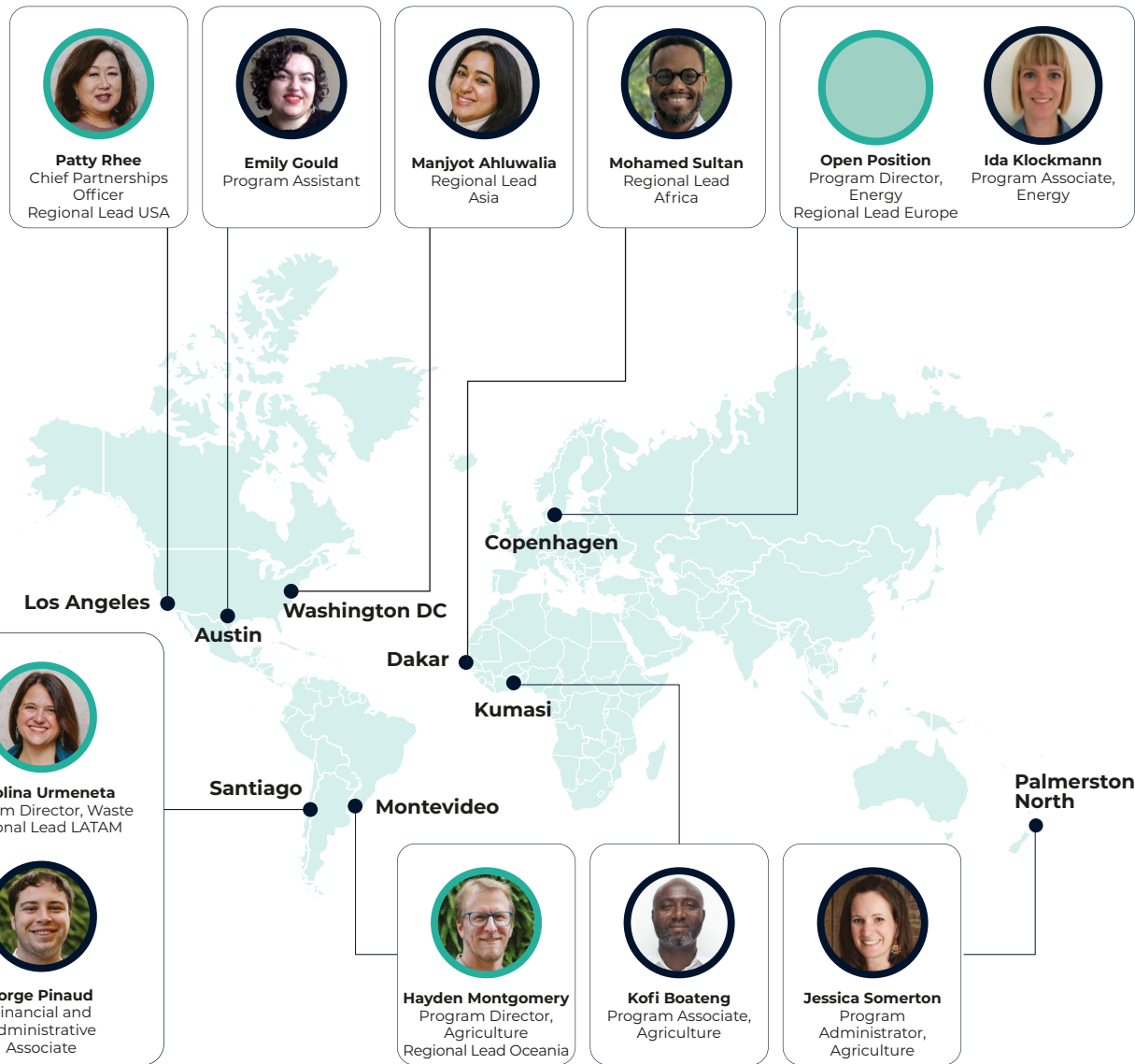
We have already begun establishing organic waste diversion policies and actions with local, state, and national governments with the help of our NGO partners.











Photo credit: The Methane Partners Campaign, which drove the submission of over 875,000 public comments to the U.S. Environmental Protection Agency in support of strong federal methane regulation.

# OUR TEAM

As the Hub grows in size, we also grow in support and expertise. With positions across Chile, Uruguay, Denmark, Ghana, Senegal, New Zealand, and the United States, we are able to use our combined networks and knowledge to achieve our objectives. In the next six months, we will be adding to the team to establish adequate global coverage. We are also adding support staff to ensure speedy delivery of grants and learning from our partners. With the added capacity, we will be able to broaden the scope of our work and its impact by supporting governments, environmental organizations, and local communities in making a change on methane.



 <p><b>Marcelo Mena</b> Chief Executive Officer</p>	 <p><b>Alfonso Galarce</b> Chief Financial and Administrative Officer</p>	 <p><b>Elise Edwards</b> Chief of Staff and Operations</p>	 <p><b>Carolina Urmeneta</b> Program Director, Waste Regional Lead LATAM</p>
 <p><b>Daniela León</b> Communications Lead, Chile</p>	 <p><b>Nicolas Diaz</b> Program Associate, Waste</p>	 <p><b>Alexandre Sánchez</b> Project Manager</p>	 <p><b>Jorge Pinaud</b> Financial and Administrative Associate</p>

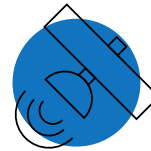
 EXECUTIVE TEAM MEMBERS

# YEAR ONE AT THE HUB

In our first year of operations, the Global Methane Hub has made major and rapid progress in advancing global methane mitigation efforts as key connectors, funders, and educators within the international methane space. Some of our notable achievements include:



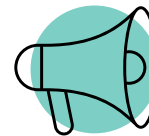
Supporting methane reduction efforts through grantmaking and partnerships, thought leadership, and presence at global climate events. We focused on driving mitigation efforts through data collection and storytelling.



Helping advance a first-of-its-kind \$100-million satellite monitoring program of methane leaks—the Methane Accountability Program—enabling the state of California to identify sources of methane leaks, hold polluters accountable, and significantly slash emissions in the state.



Helping build capacity in local governments, civic organizations, and equipping local advocates with critical resources and funding so they can do the important work of cutting methane in their communities.



Funding campaigns like Climate Nexus' "Gas Leaks" that have helped bring international attention to the harmful effects gas-fired stoves in homes have on our health.

Building on this foundation, we continue to work quickly and aggressively in order to meet our 2030 and 2050 methane reduction targets. It will take strategic and thoughtful funding of initiatives that move the needle, stakeholder engagement and coordination, and decisive action of governments. If the swift progress we made this year is any indication of continued success, we are optimistic we will reach our goal of significantly mitigating methane emissions globally by 2030.





# ADVANCING GLOBAL METHANE AMBITION

Since its launch, the Global Methane Pledge (GMP) has grown in membership to 150 countries from 110—a growth made possible by the Global Methane Hub’s funding to environmental change makers like the Climate and Clean Air Coalition (CCAC), which is supporting the efforts of 30 countries to include methane reduction plans in their new climate commitments. A total of 50 countries have now announced that methane mitigation targets will be included in their Nationally Determined Contributions (NDCs), as set forth by the Paris Climate Agreement. While China has not joined the GMP, it was announced at COP27 that it has completed a draft plan to address methane emissions from energy, agriculture, and waste sources. By the end of 2023, we will be working with 152 countries—including China and India—that collectively account for 70% of global methane emissions.

## IMPACT

1. We helped secure \$4 million in international funding to support the World Bank’s Global Gas Flaring Reduction Partnership as well as \$5.5 million in funding to support the international public-private Global Methane Initiative.
2. In the U.S., we are building partnerships to create impact where it counts, such as high emitting sectors like agriculture. Through a partnership with the USDA’s Agricultural Innovation Mission for Climate (AIM For Climate) and the Global Research Alliance on Agricultural Greenhouse Gases, we will be helping to unlock \$10 million in U.S. federal funding for research and development into methane mitigation in the agricultural sector.



# BUILDING CAPACITY WHERE IT IS MOST NEEDED

One of our most important roles is to support the work of local community and grassroots organizations at the ground level. We are dedicated to supporting the communities that are facing the worst threats from methane emissions. By identifying which areas could most benefit from resources, we were able to direct our funding and work to places like China and India where we supported local organizations to establish waste management systems and outline methane policies and regulations.

## IMPACT

1. In China, we funded \$11.5 million in local mitigation work. Currently, we are coordinating the work of nine major Chinese NGOs to help them develop a plan to reduce methane emissions from China's coal, waste, and agricultural sources. Our work in China is in response to the state's request for increased technical capacity to implement its mitigation goal, made during U.S.-China bilateral talks.
2. The Global Methane Hub will be working with C40 Climate Leadership cities in India, Africa, and South America on how best to tackle methane leaks. In addition, we will work with cities across these areas including Delhi, Mumbai, Bangalore, Ekurhuleni, Accra, and Dakar to help partner them with grantees to fund efforts diverting organic waste from landfills.



*Photo credit: Clean Air Task Force Optical Gas Imaging (OGI) survey with site operators at an oil and gas facility in Ecuador*



# BREAKTHROUGH TURNING DATA INTO METHANE ACTION

Within six months of launching, the Global Methane Hub helped deliver \$100 million from the state of California to monitor methane emissions from super emitters like landfills. Tackling methane starts with making the problem visible; There is a big gap between what experts know about methane emissions and what the general public and decision makers know. Experts believe that methane emissions are underreported by as much as 70%. At the Hub, we are working to fill that information gap with accurate, real-time data to inform and foster transparency in decision making on a policy and regulatory level.

The best way we can do this is to make methane literally visible: through remote satellite monitoring of emissions and leaks from super emitters. This critical, groundbreaking work will help scientists detect methane emissions at the source, enabling regulators to take action to reduce those emissions and hold accountable those responsible for leaks from faulty and poorly maintained systems.

California will be the first state to implement this technology through its Methane Accountability Program, announced by Governor Gavin Newsom during the Summit of the Americas in June 2022. The Hub helped make this possible: By focusing on data we are helping to make the problem of methane visible.





# GRANTEE SPOTLIGHT SOUTHSOUTHNORTH

Being positioned in the Global South affords SouthSouthNorth (SSN) a deeper understanding of and connection to the region's climate and development challenges. Through inclusive, green growth programs like Africa Low Emissions Development Strategies Partnership (AfLP), SSN has helped 39 African countries build a more prosperous, climate-resilient Africa for the welfare of current and future generations. Global Methane Hub's partnership with SSN will help establish a community of practice within the AfLP focused on low-emission and climate-resilient rice production in Africa. GMH Agriculture Program Associate Kofi Boateng contributed extensively to developing SSN's proposal for this community of practice and is now a part of the AfLP Steering Committee. Kofi's position on the steering committee now opens a window of opportunity to promote the case for methane mitigation across all sectors in the AfLP strategy development.





# GRANTEE SPOTLIGHT EARTHWORKS

Earthworks took reporters from The Wall Street Journal to Bethlehem, Pennsylvania to see oil and gas methane pollution through optical gas imaging cameras. Site visits showed how major loopholes in federal and state policies were giving some of the most notorious polluters a free pass. Earthworks reported the leaks to Pennsylvania state inspectors, and as a result, the U.S. EPA released new proposed rules that would close those loopholes, protecting millions of people living near these operations and drastically slashing methane emissions from the industry. With the help of GMH's investment, Earthworks is helping protect communities in the United States and across the globe, and is a key member of the Methane Partners Campaign, which will focus on promoting and defending methane regulations in the U.S.





# GRANTEE SPOTLIGHT

## WASTE METHANE ASSESSMENT PLATFORM

Enhancing the ways we measure and track waste outputs has been a focus for the Hub since the beginning. We collaborated with the Rocky Mountain Institute (RMI) and the Clean Air Task Force (CATF) to develop the Waste Methane Assessment Platform (Waste MAP), the first-ever global platform targeting and addressing methane emissions from the waste sector.

The platform's initial version will launch by the end of 2023, highlighting methane emissions based on satellite data and inventories, and best practices in the waste sector. The Waste MAP will include a global heat map of municipal solid waste emissions, a strategic playbook to orient decision making, case studies from global experiences, and a pilot mapping tool for stakeholders. To date, the initiative and its intended outcomes have significantly contributed to increasing global awareness on the opportunities for improving waste emissions data by globally connecting on-the-ground action and knowledge sharing.





# GRANTEE SPOTLIGHT

## CLIMATE AND CLEAN AIR COALITION (CCAC) WORK ON METHANE ROADMAP



The UNEP-convened Climate and Clean Air Coalition (CCAC) is supporting the development of national methane mitigation roadmaps for more than 20 countries. With CCAC's support, countries like Brazil are working towards methane mitigation as part of their larger climate goals. Brazil's agricultural sector is one of the largest in the world, and a major source of methane emissions. Brazil joined the Global Methane Pledge in 2021, and with support from the CCAC's Methane Roadmap Action Programme (M-RAP) is developing an in-depth methane roadmap to identify priority methane mitigation measures, implementation pathways, and financing strategies. Methane roadmaps will support countries like Brazil in achieving their international climate commitments, while achieving local benefits to food security and economic development. Roadmap development is accompanied with broader CCAC funding support for implementation, such as a project launched in 2023 to support Brazil's Ministry of Agriculture in integrating short-lived climate pollutants—including methane—into Brazil's national and subnational agriculture policies for livestock.

# WHAT WE HAVE LEARNED

The Global Methane Hub has made great strides in our first year, but we recognize we have a lot to learn and there are areas where we can continually improve. In November 2022, we organized a lookback meeting to learn best practices and discuss areas of strength and improvement from funders who are already working on methane mitigation. Key lessons from that meeting include:



Funders working together have more impact. Every dollar counts and working collaboratively is key.



Methane mitigation should not slow progress on reducing carbon dioxide. As the narrative emerges about the urgency of action on methane, it will be critical to ensure that the larger conversation and agenda on carbon does not cede any urgency.



The boundary between the work to reduce methane and the work to phase out oil and gas must be addressed. The Hub is in a unique position to help bridge this boundary.



Satellite data is being funded by many governments and has great promise, yet it must be integrated into a comprehensive policy, advocacy, and communications strategy so that data can substantively inform action.



# WHAT WE ARE WORKING ON

Looking ahead, the Global Methane Hub will build on the momentum of our first year's achievements. With the success of this year behind us, we are better positioned to step further into our roles as connectors, funders, educators, and now, leaders.

Below are just a few of the moments we are working on for 2023:

- March 2023**  
Building a methane strategic communications network and hosting the first-ever global strategic communications convening around methane
- April 2023**  
Convening the First Ministerial Conference on Low-Emission Food Systems: Addressing the Challenge of Reducing Methane in Agriculture, which brought 25 countries from 5 continents together  
  
Hosting the European Methane Convening
- July 2023**  
Co-hosting the Global Methane Stakeholders Conference with Pisces Foundation
- August-September 2023**  
Regional Climate Weeks
- September 2023**  
Climate Week NYC 2023
- November 2023**  
UN COP28



# FINANCIALS

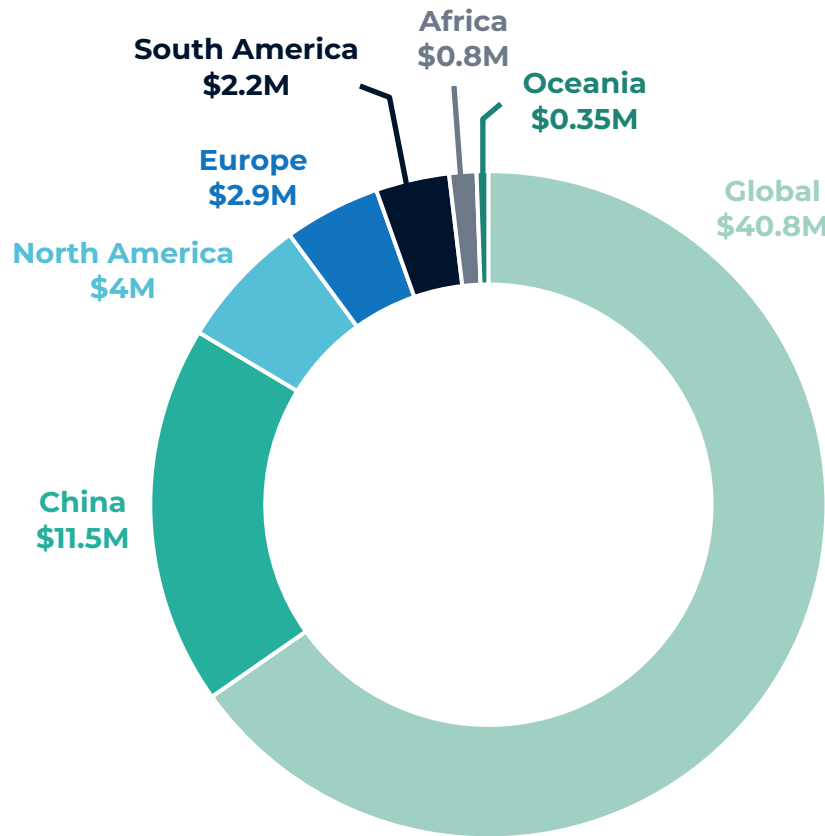


Figure 1. Grant distribution by region

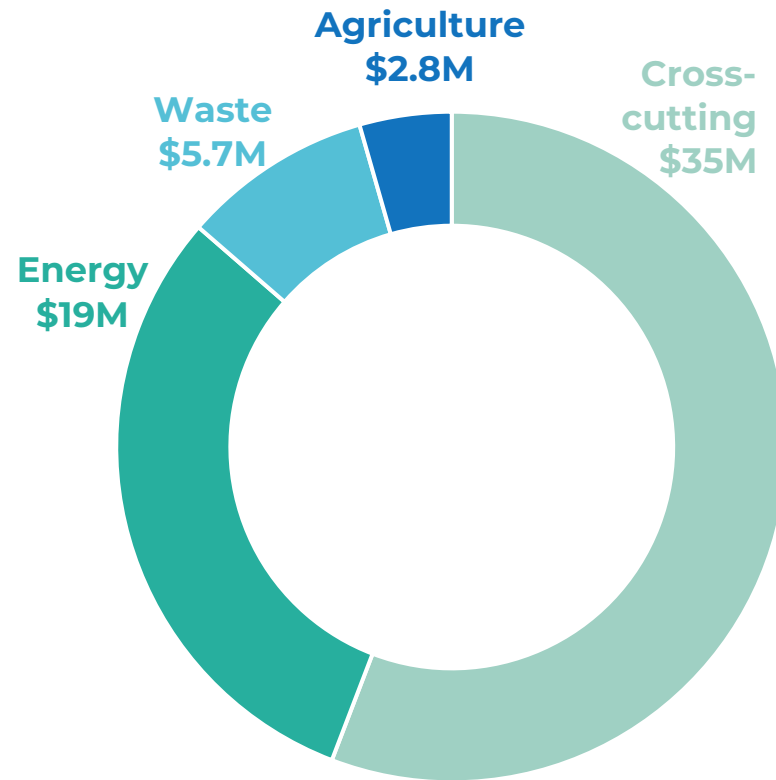


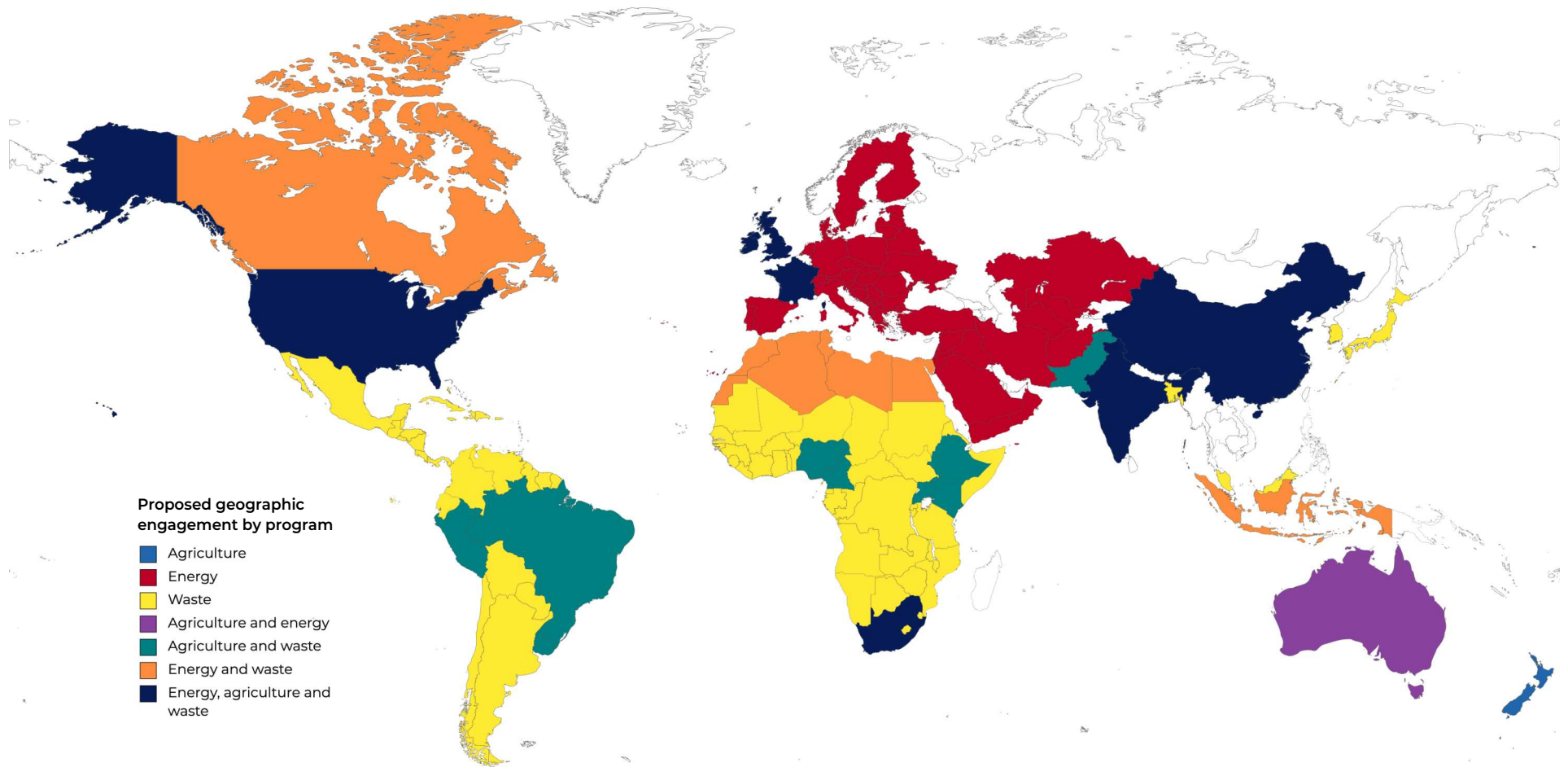
Figure 2. Grant distribution by sector



# KEY FIGURES

In little over a year since our founding, the Global Methane Hub has moved rapidly to drive change on methane through philanthropy. We have granted \$70 million in funding to more than 60 organizations around the globe—and we are just getting started.

Most of our funding has focused on cross-cutting emissions in the highest methane emitting regions and sources around the globe. We believe directing efforts to where emissions are greatest is the most effective way to mitigate methane and meet our reduction targets.





# ADVISORY BOARD



# STEERING COMMITTEE

