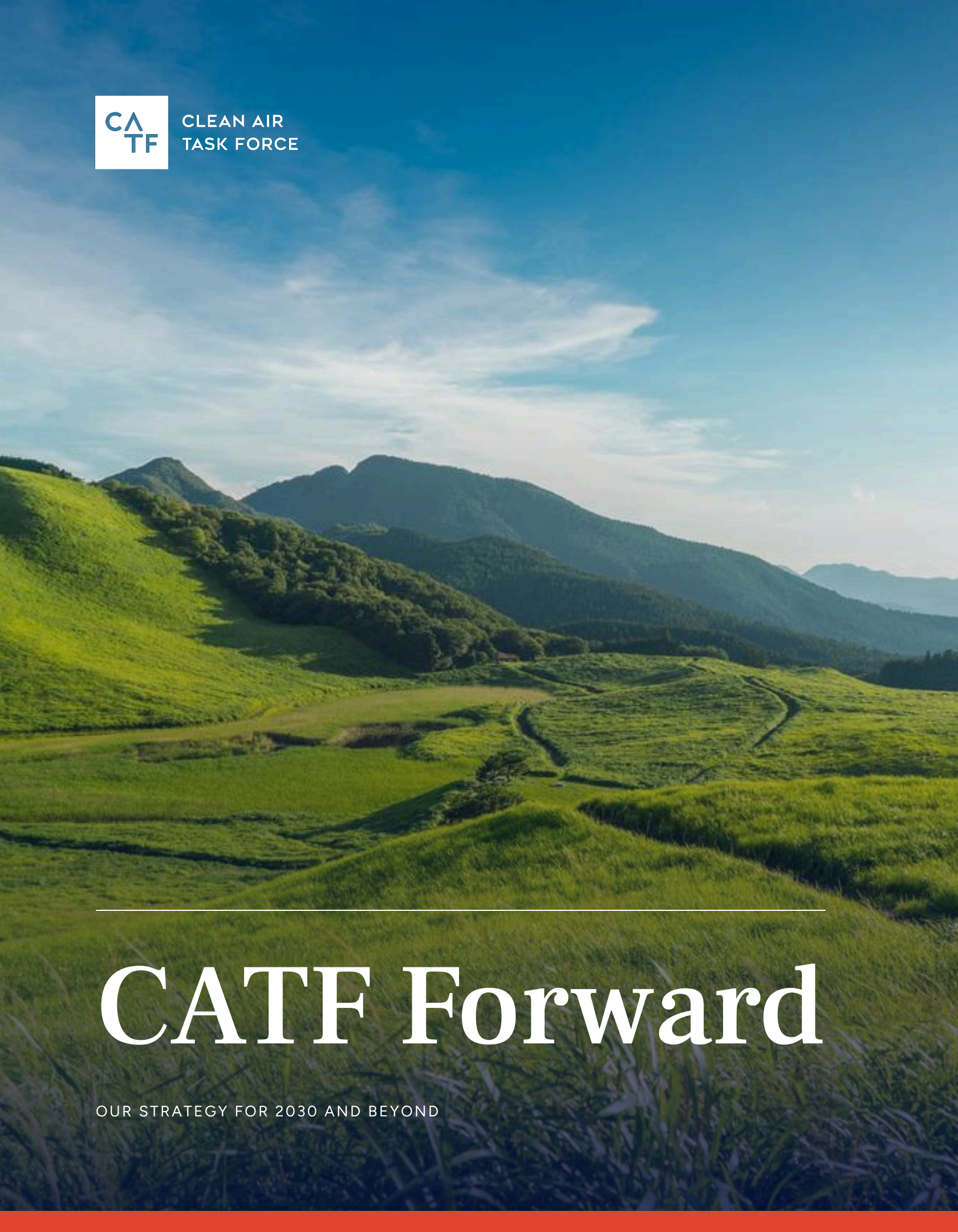


CLEAN AIR
TASK FORCE

CATF Forward

OUR STRATEGY FOR 2030 AND BEYOND

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A letter from CATF leadership



Armond Cohen
Executive Director,
Clean Air Task Force (CATF)



Anastasia Marceau
Managing Director,
Clean Air Task Force (CATF)

A climate strategy for the real world.

At the surface level, humanity has made progress on climate action.

Most of the world's nations have pledged to cut warming emissions dramatically. Wind and solar energy have expanded rapidly, and deforestation has slowed.

But emissions, temperatures, and the intensity of extreme weather events continue to increase. Even as we ramp up renewable energy, oil and gas sales continue to hit new highs year on year.

Governments face rising debt, limited fiscal capacity, and competing demands from health, security, and industrial policy. Global fragmentation and inflation are increasing clean energy costs, reducing innovation, and complicating collaboration.

As a result, the strategies many organizations have rallied around for decades have been pressure-tested. Many approaches are bending under the pressure. Others are breaking entirely.

We need to face the world as it is, not as we wish it to be. **CATF was built for this kind of challenge.**

For 30 years, our independence from government and corporate influence – as well as from conventional thinking – has allowed us to focus on evidence-based approaches that others miss. It's part of what makes us so effective.

At the outset, we went after unabated coal as a key warming driver, and since the first scientific study on methane we pushed reductions as a potential cooling lever. We were an early advocate for an expanded set of climate solutions – including nuclear energy, advanced geothermal, and carbon management.

Now we're leading a climate pivot that builds on past progress with a sharpened focus on what makes us distinct: putting more options on the table, advancing integrated solutions, and driving innovation for the future – all in pursuit of a healthy climate and a thriving planet.

01

Who We Are

CATF brings together deep technical expertise with unique policy development, implementation know-how, and high-level agenda setting. Our experts work side-by-side with policymakers, industry, and other partners in more than 40 countries to unlock overlooked, system-wide solutions. We deliver real-world, durable changes to unlock climate impact, clean air, and economic growth around the world.

OUR VISION:

A thriving planet. A healthy climate.

OUR MISSION:

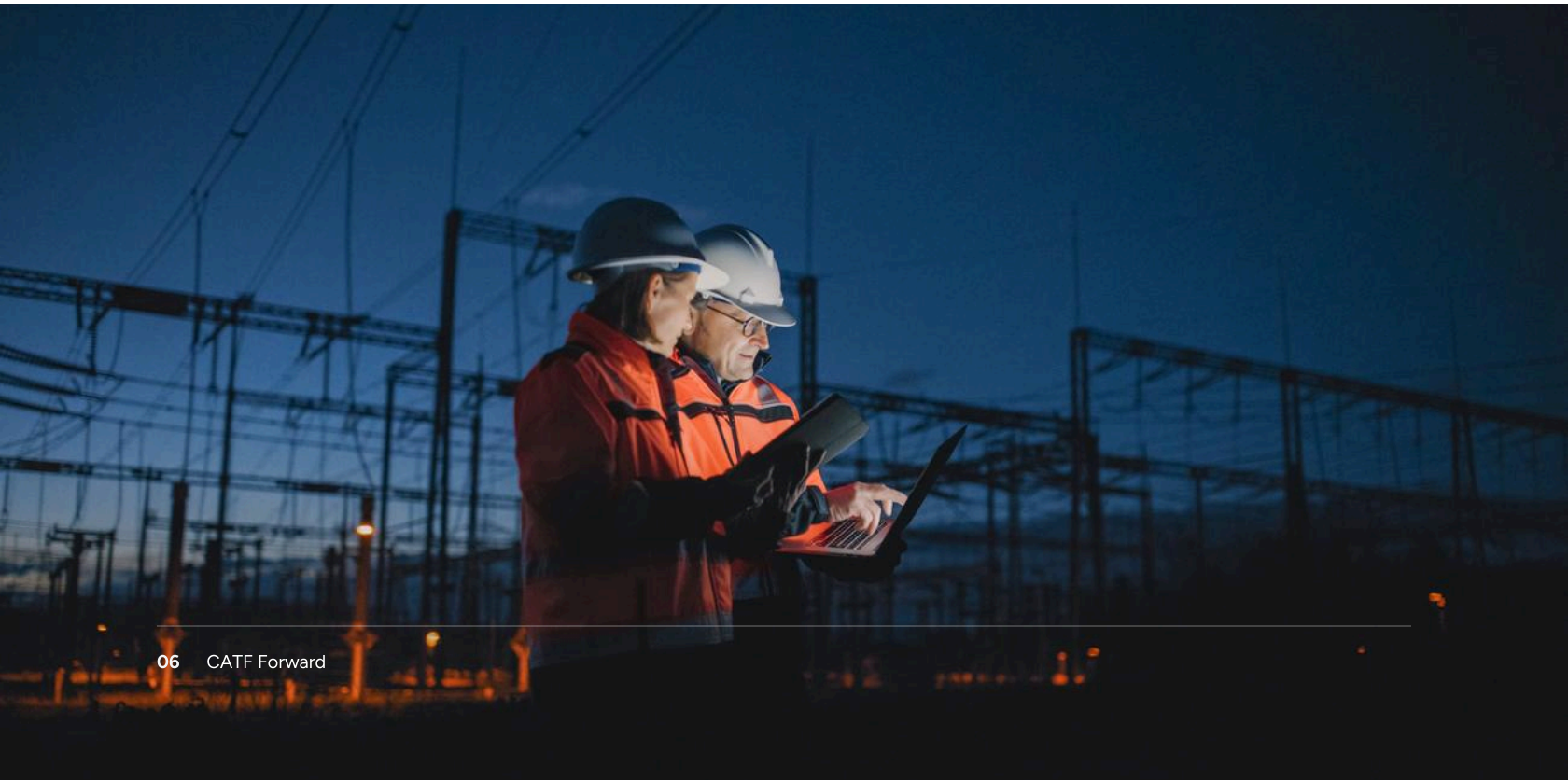
To innovate and scale effective solutions to complex climate and energy challenges.

OUR IMPACT AMBITION:

Eliminate harmful emissions from our atmosphere as quickly as possible, enabling vibrant economies and clean air.

OUR VALUES:

Curiosity, Collaboration, Tenacity, Courage, Integrity



02

What We Do

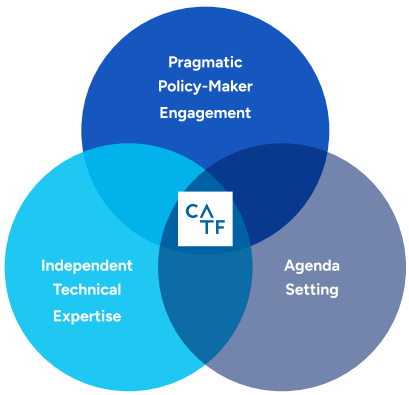
Eliminating harmful emissions from the air we breathe requires systematic changes throughout our economy – through better policy, better industry actions, and better financial outcomes.

CATF seeks to accelerate this transformation, by bringing to bear three integrated capabilities, honed over 30 years:

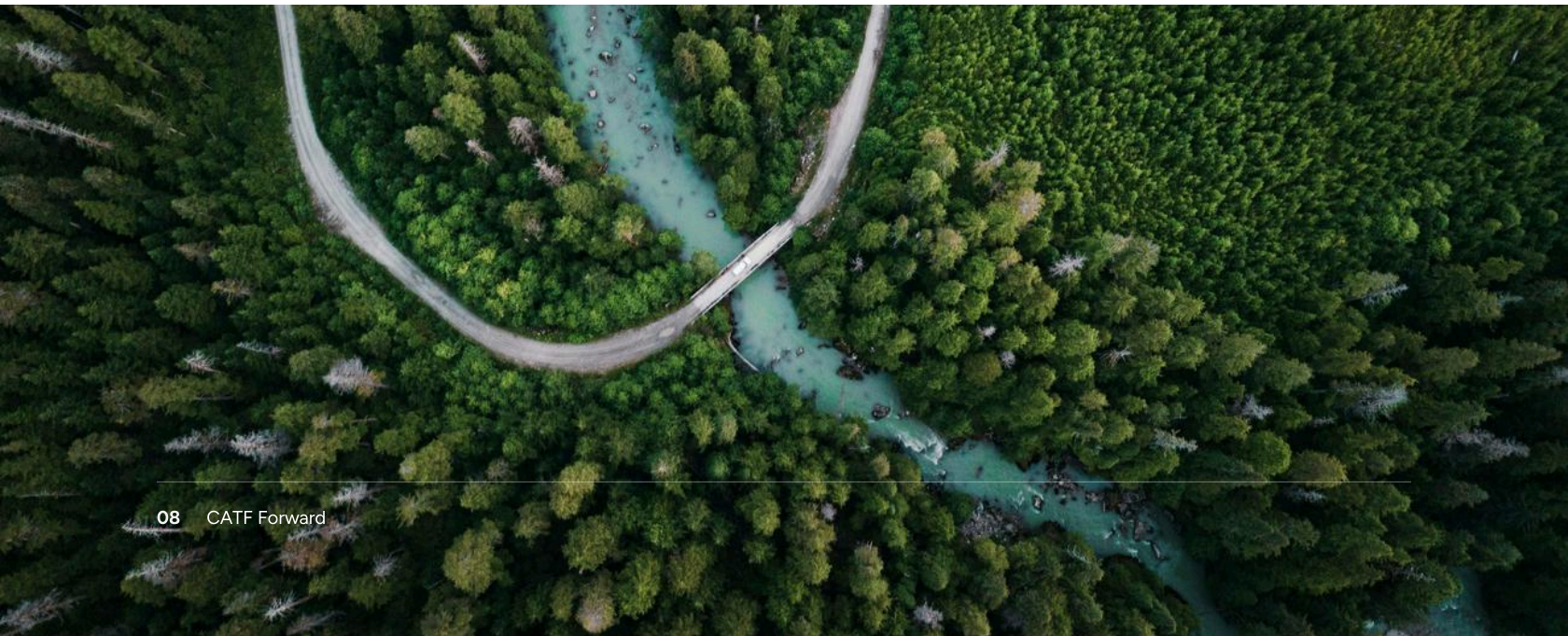
1) Independent technical expertise, with unusual depth and breadth across interconnected solutions and sectors, grounded in decades of experience.

2) Pragmatic policy-maker engagement, across the full policy lifecycle – from innovative policy and practice design, to building capacity to support passage, implementation, and defense.

3) Agenda setting and narrative leadership through innovative thought leadership, research, convenings, coalition building, and campaigns – to put effective climate solutions, overlooked by others, on the agenda.



We help design and implement well-crafted policies that can influence the direction of industry and finance. By catalyzing industry progress, we help unlock critical technology and business model solutions and address overlooked research and development needs. Through our networks, we better connect the business and finance ecosystem to work with each other. Finally, we underpin our work with long-term engagement with media, civil society, and academia – as they create the social and political conditions for policymakers, industry, and finance action.



03

Our Strategic Priorities

There is no single solution to address climate change. Transitioning the world to a low-emissions future requires an integrated, mutually reinforcing, systems-level approach that respects the size and complexity of the challenge – aligning with both economic growth and clean air for healthy communities around the world.

There is no single solution to address climate change.

We believe it requires a focus on coordinated, interlocking solutions to Prevent Pollution, Advance Clean Power, and Transform Complex Systems, such as industrial, transportation and land.

These three priorities intersect and are mutually reinforcing. Preventing super-pollutants slows global warming in the near term, buying more time for the next generation of clean power solutions to come online. Advancing clean power decarbonizes current grid loads – and this clean always-on power can be used to help decarbonize the non-power parts of the economy that currently use fossil-derived liquids and gases to drive their operations. Transformations in industry, transportation, and land systems can reduce net emissions and spur technological advancements in tandem. CATF understands that the world, the global economy, and our most vital sectors operate in highly matrixed, interconnected systems – and effective climate solutions must reflect and embrace this complexity.



Prevent Pollution

We intentionally work in areas that have long been under-addressed – particularly super pollutants.

Everyone deserves to breathe clean air. Air pollution from greenhouse gases and criteria pollutants drives climate change, preventable chronic health conditions and millions of premature deaths.

CATF was founded to cut pollution. We started with coal-fired power plants, ultimately forcing the industry to "clean them up, or shut them down." As we look ahead, we will continue to push the policies and practices required to drive down pollution for improved air quality and slow the rate of global warming. This includes the prevention of greenhouse gases like carbon dioxide and methane pollution, as well as harmful particulate air pollution that damages public health. We combine scientific expertise, policy acumen, legal strategy, and practical implementation to secure rapid emissions cuts while creating the frameworks, institutions, and momentum needed to sustain them over time.

Across the energy, waste, and agriculture sectors, CATF identifies the largest and most actionable sources of air pollution and develops ambitious, durable solutions. We intentionally work in areas that have long been under-addressed – particularly super pollutants.

> **IMPACT:** CATF helped initiate the Global Methane Pledge. More than 150 countries have now committed to a 30% cut by 2030.

Preventing pollution means bringing forward a portfolio of solutions across each of these sectors. We secure power plant regulations to ensure clean air, we work to drive down methane emissions from oil and gas systems as well as coal and other fossil fuels, we clamp down on waste sector emissions while transforming waste pollution into economic and environmental value, and we launch programs that benefit farmers while reducing agricultural emissions.



CATF's impact comes from our ability to move between levels of the system. We help change the narrative, build coalitions, develop technical and policy roadmaps, and support implementation to convert ambition into measurable action. Our legal and regulatory work turns climate and public health imperatives into enforceable standards, while our international engagement helps raise ambition and coordinate action across borders.

Looking forward

We will explore a range of potential breakthrough solutions across transportation, industry, and land – with a firm focus on identifying decarbonization pathways that are technically credible, economically informed, scalable in practice, and impactful around the world.

Advance Clean Power

A high-energy, low-emissions future depends on abundant clean electricity.

We must also boost access, security, and reliability.

Electricity generation accounts for a quarter of global carbon emissions today. As energy demand increases around the world – driven by economic development, industrial growth, electrification, and AI – the need for clean, reliable, affordable power has come into stark relief. We must also boost access, security, and reliability. Decarbonization will not succeed without power systems that can meet this demand affordably and at scale.

Clean power solutions are often framed too narrowly. Many focus on near-term deployment without grappling with the scale, durability, and system complexity required to power a deeply decarbonized global economy in the decades to come. They ignore the importance of always-on, dispatchable, and energy-dense clean power, overlook the barriers posed by infrastructure and permitting, or fail to address the policy and market structures that ultimately determine what gets built.

CATF embraces this complexity. We start from the premise that the world needs far more electricity, delivered more reliably and affordably, in more places, and through a broader set of technologies. Our focus is not just on what generation technologies can be deployed now, but on what the power systems as a whole need to be innovated, demonstrated, commercialized, integrated, and adopted for tomorrow.

That means advancing a portfolio of clean always-on and next-generation power technologies while also working on the infrastructure and policies needed to deploy them effectively. It means securing incentives to ensure they are affordable and politically durable. And it means designing their commercial and financial runway in such a way that they scale globally.

> **IMPACT:** After two years of CATF advocacy, Illinois lifted its decades-long ban on new nuclear plants in 2025.



CATF has built deep expertise in clean always-on electricity generation that has lacked adequate investment – nuclear, geothermal, and fusion – as well as in evolving the electricity markets and infrastructure needed to ensure all clean power solutions are rapidly deployed. We work along the value chain from innovation to global adoption while creating the policy, market, and financing conditions needed to attract private investment at scale. We help technologies move from promising concepts to bankable, scalable solutions. We simultaneously address the transmission, siting, permitting, planning, and market challenges that can prevent progress even when the technology is ready.

Looking forward

Looking forward, the boundaries of our work will expand as more transportation, industrial, and thermal energy services shift onto the grid, requiring a broader view of how power, heat, infrastructure, and demand interact within increasingly complex energy systems. We're exploring new solutions to make clean power bankable, to leverage hyper-scalers to drive solutions transformation – including advancing markets for clean always-on power via power purchase agreements – and to secure long-duration energy storage and flexible demand response.

Transform Complex Systems

CATF approaches industry, land, and transport as complex multi-faceted systems with common attributes.

The industrial, transportation, and land sectors operate at the intersection of vast, dynamic markets shaped by a diverse set of consumers.

They are defined by an immense number – and diversity – of greenhouse gas emission points and climate-forcing processes. Governance is deeply fragmented and distributed. There are deep-seated consumer behaviors that make shifting them that much more difficult.

These sectors have long-lived assets and infrastructure that face difficult hurdles in the traditional vision of a decarbonized world.

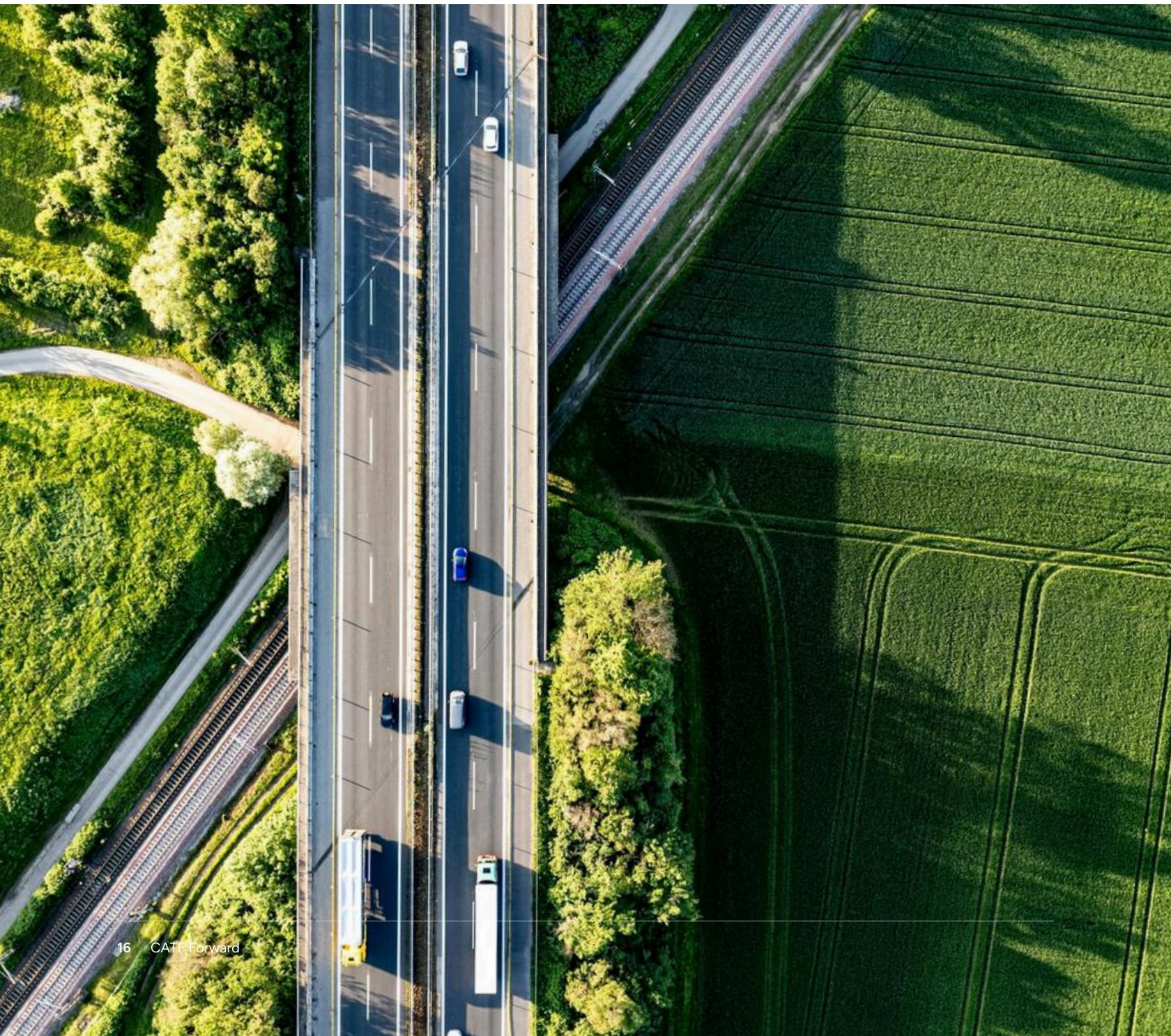
The common challenges across these complex systems call for new modes of advocacy, policy making, and finance, and a more deliberate prioritization of innovative solutions that connect across each of them. Too often, they are approached separately, with little recognition of the commonality of the problems. Proposed solutions are often partial, immature, or poorly matched to system realities.

CATF approaches industry, land, and transport as complex multi-faceted systems with common attributes. The biomass grown on land feeds industrial bioeconomy processes; low-carbon fuels derived from biological and industrial feedstocks offer pathways for reducing emissions in aviation and shipping; the industrial capacity that we must decarbonize is also the capacity needed to manufacture and deploy carbon removal infrastructure at scale. Similarly, heavy transportation will need cleaner fuels to achieve deep emissions reductions, and scaling the production of low-carbon hydrogen will require fundamental innovation in electrolysis, carbon capture, and carbon management. Importantly, transforming land systems and enhancing land sinks can reduce net agricultural emissions, buying time for decarbonization solutions to scale, and counterbalancing the tough emissions that remain.

> **OPPORTUNITY:** Up to 75M metric tonnes of carbon dioxide a year could be pulled from California's air by 2045 using crop and forest waste, enough to meet the state's entire carbon removal target without taking land from food.

Looking forward

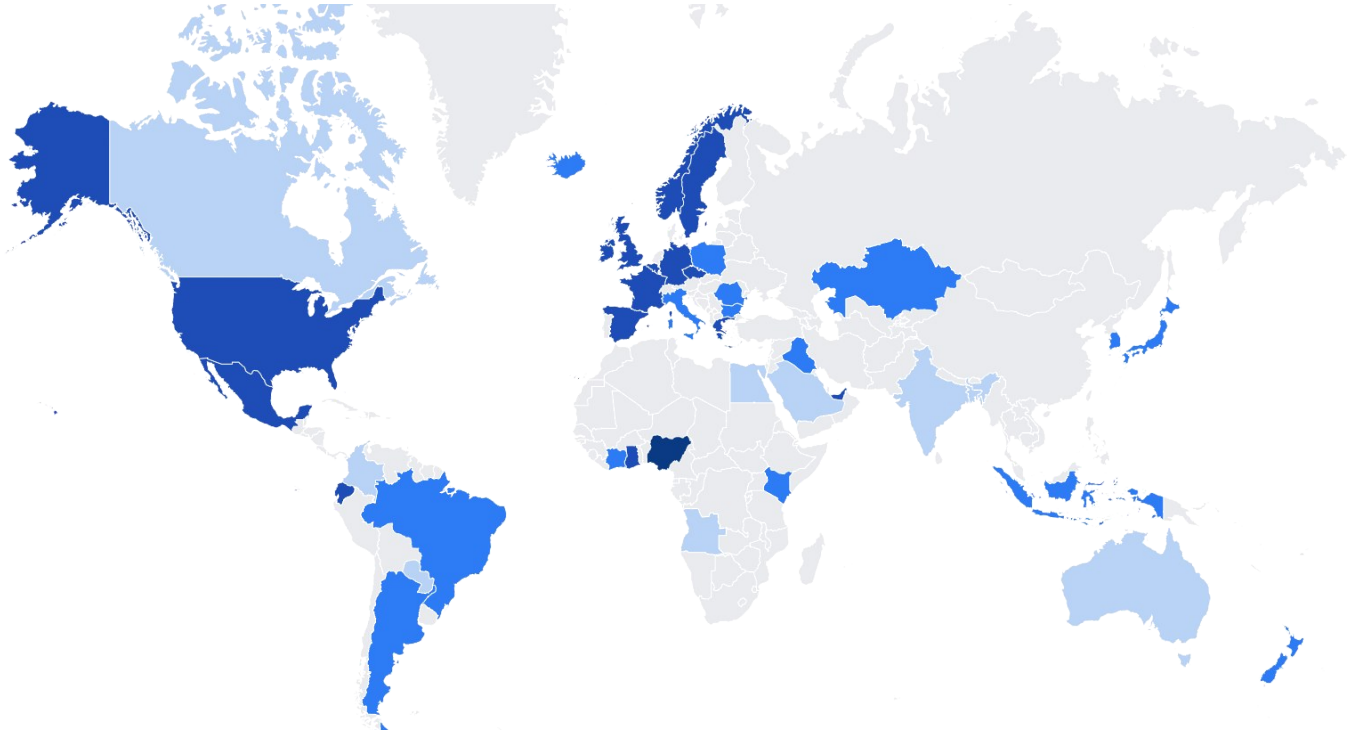
Looking forward, we will explore a range of potential breakthrough solutions across transportation, industry, and land – with a firm focus on identifying decarbonization pathways that are technically credible, economically informed, scalable in practice, and impactful around the world.



04

Our Global Impact & Regional Focus

CATF works to accelerate global adoption of the highest-impact technologies, policies, and practices that eliminate emissions, strengthen vibrant economies and ensure clean air for all.



Our contribution is both strategic and practical.

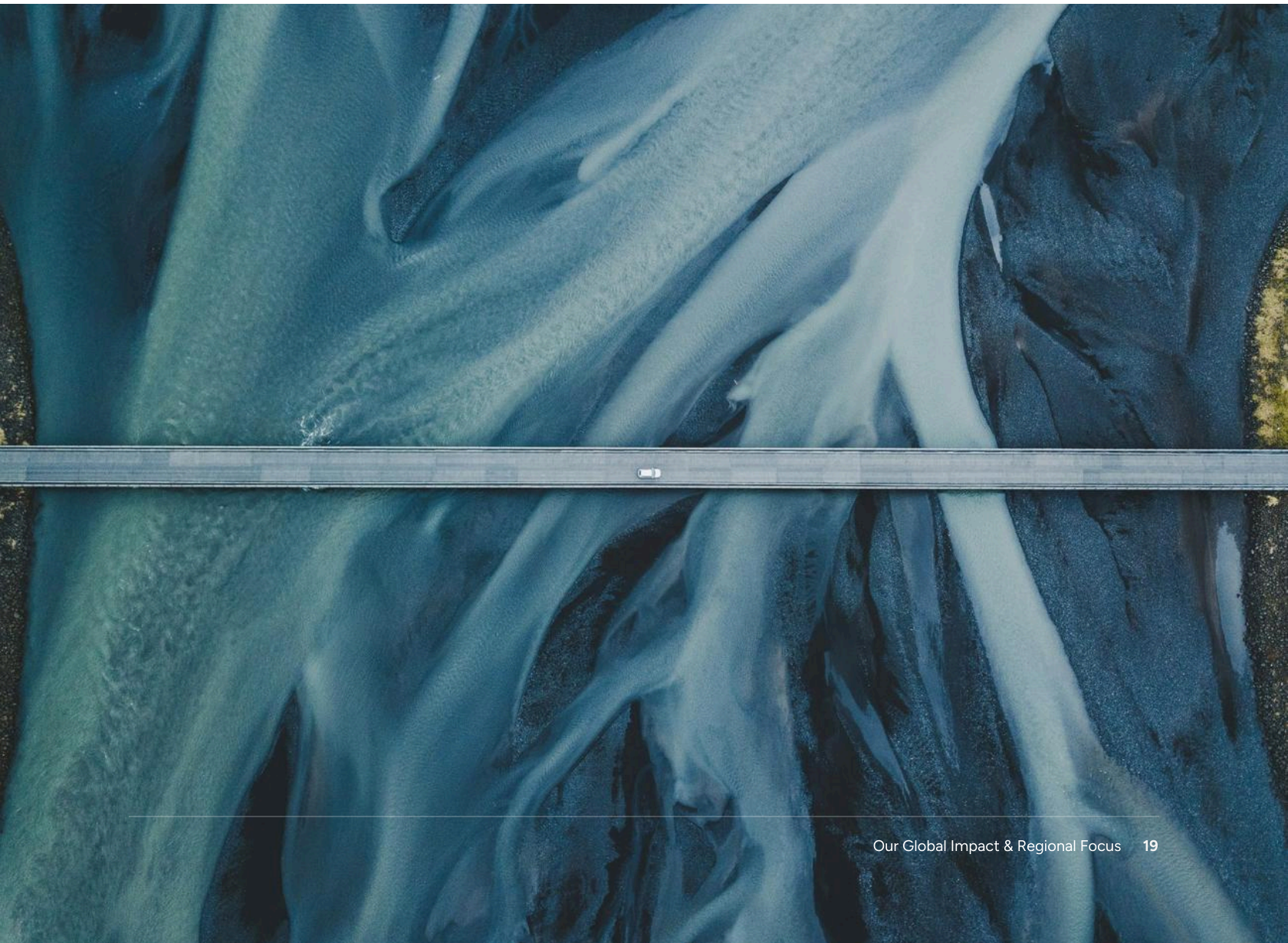
Climate change is an interconnected challenge that demands coordination across borders, institutions, and markets. Solutions must move not only from ideation to market, but from one geography to another, from one economic and policy system to the next. This flow is not just North to South, East to West, or rich to poor – but instead moves in all directions, from many nodes, with no one region set up to only distribute or receive.

At CATF, we accelerate innovation, deployment, and widespread adoption of critical climate solutions across regions, to scale impact globally. First, we work to make more clean technologies, policies, and practices viable. Then, we reduce the barriers that prevent them from scaling and enabling market readiness. Finally, we ensure they spread to the markets that will shape the future of global emissions.

Our contribution is both strategic and practical. We help advance the transfer and adoption of technology, policy, and best practices across borders. We support the adaptation of proven approaches to new contexts, taking local political, institutional, and economic realities into account. And we work to ensure that climate innovation scales globally, regardless of where it originates – leveraging trade, geoeconomics, and geopolitics for maximum impact.

This role is increasingly important. The supporting global architecture is not yet sufficient to facilitate this scaling. Existing multilateral institutions remain essential, but they are often too slow, too fragmented, or too limited to drive the pace of innovation and widespread adoption required. CATF bridges those gaps by working within established platforms like the UNFCCC, IEA, UNEP, CCAC, and World Bank and also supporting emerging partnerships that fall outside traditional channels – such as BASIC (Brazil, South Africa, India, China) and the Middle East-Africa finance partnership.

Regionally, we home in where emissions are high today, where they are likely to grow tomorrow, and where the present and potential future innovation, policy, and finance hubs are that can catalyze change. We organize our geographic efforts within three core regions: Europe, U.S., and Growth Regions, while our cross-regional work serves as the connective tissue of our global strategy, translating progress in one place into momentum somewhere else.



Europe

Europe remains one of the world's most consequential climate arenas, with ambitious goals and a challenging context.

Europe remains one of the world's most consequential climate arenas, with ambitious goals and a challenging context. Not only does climate progress directly impact 743 million people residing on the continent, but success in Europe has impacts far beyond the region, influencing standards, markets, and policy frameworks in jurisdictions near and far.

CATF engages both with the European Union and by supporting country level policymakers. The European Union sets direction not only for its member states, but for a wider field of global policy and market behavior.

As the world's second largest global market after China, its regulatory influence, trade relationships, and continued commitment to decarbonization give it outsized importance in shaping the pace and structure of climate action beyond its borders. The UK and member states are important global actors in their own right, and the Central and Eastern European region is particularly poised to prove the theory that energy security and climate action can go hand-in-hand.

> **OPPORTUNITY:** Since 2021, CATF has positioned carbon management as central to Europe's net-zero and industrial strategy.

But Europe's climate leadership is being tested. Geopolitical conflict, energy insecurity, fiscal pressure, and rising political fragmentation and polarization are reshaping the context in which climate policy can succeed. Europe must do more than reduce its own emissions. It must also strengthen energy independence, support industrial competitiveness, and maintain public confidence in the transition at a time of global backsliding.

That is where CATF brings unique value – by working with key stakeholders in Europe to address the triple challenge of decarbonization, energy security, and competitiveness.

Looking forward

Looking forward, CATF will deepen its presence at the European Union in Brussels and at the country level. We will continue our deep focus on Central and Eastern Europe, where emissions are often higher; industrial systems more carbon-intensive, and fiscal capacity more constrained. We will specifically focus engagement in countries where policy design, industrial strategy, and political realities determine whether Europe delivers on its climate ambition.



United States

CATF's roots in the United States run deep.

CATF's roots in the United States run deep. For more than 30 years, we have been a trusted, nonpartisan technical and policy authority relied on by decision-makers at every level of government. That credibility is hard-won, and in today's polarized environment, gives us the unique ability to drive lasting, durable climate action regardless of shifting political sands.

Our unique position in U.S. climate advocacy remains crucial for global impact. The U.S. is one of the world's largest emitters, one of its most important sources of commercial innovation, and a central force in shaping technology development, capital flows, and policy that reverberates internationally.

The U.S. is a proving ground for many of the technologies and systems essential to global decarbonization, from clean always-on power and carbon capture to methane mitigation, advanced fuels, and industrial transformation. CATF works hand-in-hand with policymakers and industry to advance federal policy, state leadership, regulatory action, litigation, and deployment at commercial scale. We are trusted to bring to the table our independent scientific expertise, substantive advocacy, legal strategy, and strategic skills. And, our work spans the full policy lifecycle, helping to support policy design, secure regulation, defend progress against rollback, enable implementation, maximize impact, and connect technical rigor to practical decision-making.

> **IMPACT:** Helped win $72B+ in Congressional appropriations for demonstrations of priority clean energy technologies in the Bipartisan Infrastructure Law and protected $280B+ of Inflation Reduction Act clean energy tax credits from the One Big Beautiful Bill Act.

Even in today's political context, we are advancing clean power; scaling carbon capture and storage; reducing emissions from gas; and supporting state-level leadership when federal momentum slows.

States often control some of the most consequential levers for deployment, including permitting processes, transmission planning, utility regulation, siting decisions, and targeted incentives that can accelerate investment and project development. Just as importantly, we are preparing for what comes next at the federal level by building the strategy, relationships, and technical groundwork needed to navigate uncertainty and continue delivering durable results in a changed political environment.

Looking forward

CATF's ambition in the U.S. at this moment is clear: protect our hard-earned wins, expand pathways for durable progress, and ensure continued U.S. support for climate solutions at home and around the world.



Growth Regions

The future of global climate progress will be decisively shaped by four regions: Africa, Asia, the Middle East, and Latin America. By 2050, these regions will lead the world in both economic growth and energy demand, making their infrastructure and investment choices critical to global emissions trajectories.

> **IMPACT:** Africa secured its first regulations to cut methane from oil and gas in 2022, with CATF's support.

The future of global climate progress will be decisively shaped by four regions: Africa, Asia, the Middle East, and Latin America.

The opportunities for climate solutions and breakthrough innovation are immense – and CATF is looking forward.

Africa can prove that energy abundance, economic growth, and climate ambition can be mutually reinforcing – provided we adopt models tailored to the continent. Asia is positioned to decarbonize its industries and grids even amid surging demand, thanks to its growing dominance in clean energy manufacturing, innovation capacity, and mature capital markets. The Middle East is re-deploying its hydrocarbon capital to scale clean energy infrastructure, positioning itself both as an innovation hub and a leading exporter of green commodities. Latin America, an agricultural powerhouse and home to vital global carbon sinks, can serve as an important blueprint for reducing emissions within the world's complex ecosystems.

Taken together, these four Growth Regions present an unprecedented opportunity to pioneer, where technology, innovation, capital, and operational insights can be exchanged multi-directionally to drive global climate impact.

Through deep local partnerships and on-the-ground engagement, we have built trusted relationships and institutional footholds to influence policy, support technology uptake, and strengthen the conditions for durable change.

Rather than import solutions, we are co-creating new solutions with our partners and advancing them in ways that reflect local priorities and realities.

In Africa, we partner with national governments, regional institutions and industry groups to build viable electricity markets and infrastructure for energy access, facilitate market readiness for clean technology uptake, strengthen local innovation and capacity, and cut methane emissions from the energy sector. Throughout Latin America and Asia, we are tackling methane emissions in the energy, agriculture, and waste sectors. Our work in the Middle East has unveiled strategic opportunities to finance clean energy technology in Africa and Asia, speeding up the adoption of clean technologies globally while cutting emissions in its own oil and gas industry.

Looking forward

Looking forward, we will deepen our partnerships, and expand our impact in key Growth Regions, particularly during the critical 2030–2040 window when long-lived infrastructure and industrial systems will be set on paths that could endure for half a century or more.



05

05

What Makes Us Different: Now and Looking Forward

CATF occupies a unique role in the climate ecosystem – driven not only by what we think, but how we think. At its core, our approach to innovating and scaling effective climate solutions is driven by three fundamental principles.

More options, less risk – We are committed to advancing a diverse range of solutions at the same time. We know that having more options means less pathway dependency, less risk, and a greater likelihood of success. Many others in the space lock into a much narrower, near-term solution set – closing themselves off to more innovative, inclusive, and expansive approaches to tackle the full complexity of the climate challenge.

Integrated solutions – Too often, climate and energy challenges are approached separately – with a hyper focus on one or two components rather than the broader interconnected system at play. Our unique depth and breadth of technical expertise allows us to lean into more integrated, holistic solutions – finding the most effective leverage points and intersecting technical, economic, and political systems that others cannot.

Innovation for the future – As we work to advance the solutions available right now, we also invest in overlooked breakthrough solutions that have the potential to transform the world. As we look ahead to an increasingly fragmented, fiscally constrained world, breakthrough innovation will be needed more than ever.

These unique qualities contribute to us being consistently recognized as **one of the most effective climate organizations in the world.** As we chart our course forward, we will continue to harness, safeguard, and invest in these differentiators throughout our solutions and across our regions. We are committed to bringing a distinct, effective approach to our work to ensure a thriving planet and a healthy climate as we drive CATF forward.



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