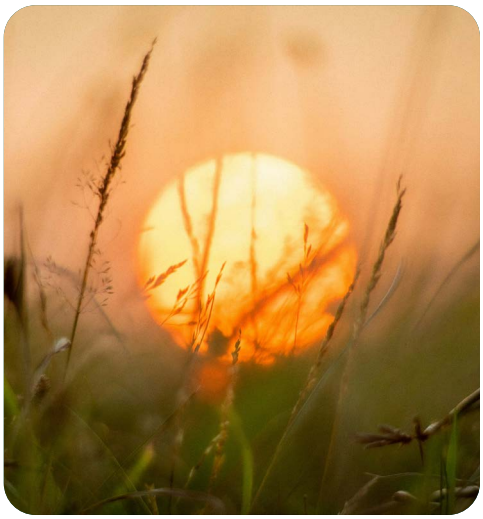
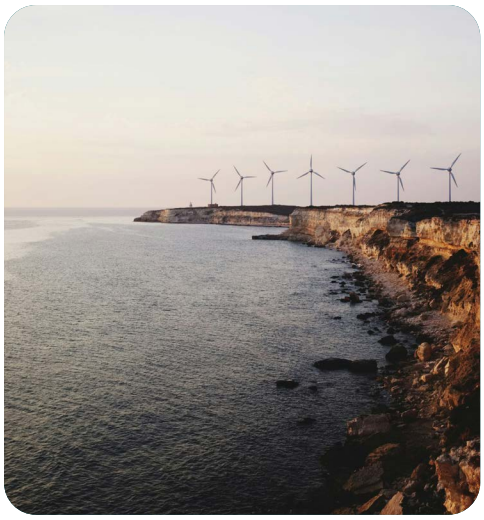
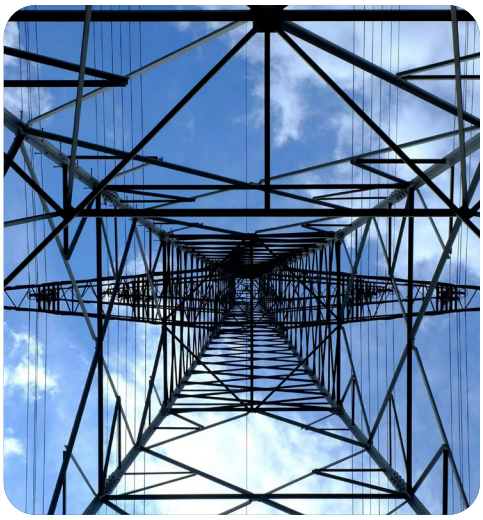
ReNew2030

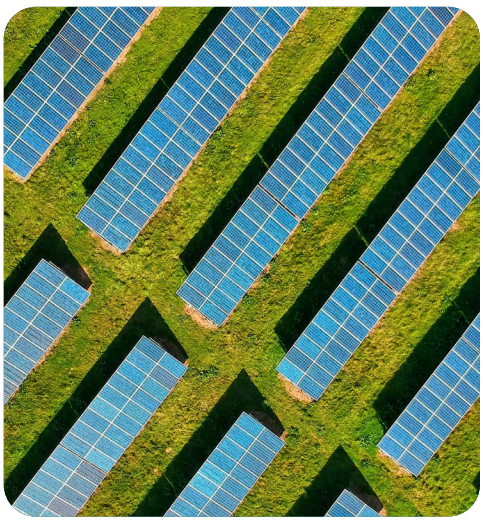
UNLOCKING WIND AND SOLAR THROUGH REGIONAL ACTION

2024 Annual Report









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A greeting from our director

As I look back on ReNew2030's first full year in motion, one thing is clear: the global energy transition isn't a question of *if* anymore – it's about how fast and how fair it will be.

2024 brought real momentum: we saw record-breaking growth in solar, more community-led energy efforts, and meaningful policy shifts in key regions.

All this unfolded alongside deepening climate impacts, political volatility, and ongoing barriers to energy access. The urgency could not be clearer.

ReNew2030 was built for this moment. Our coalition exists to help speed up the transition to renewables in the 20 countries that matter most for global power sector emissions. And we're not doing this alone. We back the local leaders, movements, and ideas that are closest to the ground – because they are best positioned to drive lasting change.

This year's report is full of those stories – from a rural power bank in Shandong Province now contributing to shaping provincial policy, to a $500 million renewables investment platform in Nigeria designed to unlock critical renewable energy finance. These aren't just bright spots: they are signs of a broader shift taking place.

We're also seeing the emergence of critical enablers that align closely with ReNew2030's mission. Advances in grid forecasting and energy management systems are proving critical for utilities and planners, enabling them to better integrate solar and wind effectively into national grids. Progress in battery storage is expanding the viability of solar and wind. And across our coalition, partners are sharing lessons, coordinating efforts, and aligning strategies – ensuring that national-level actions really add up globally.

But it's not only about speed. It's about fairness. That means keeping communities at the centre and making sure the clean energy future benefits those who've too often been left out of the conversation.

In the year ahead, we'll keep investing in the people, platforms, and partnerships that can move this transition forward. Thank you to our implementation partners, funders, and collaborators. You've brought trust, energy, and commitment to our shared mission, and we're deeply grateful.

With optimism for the future of renewables,

Deborah Ramalope
Director, ReNew2030

01. INTRODUCING RENEW2030

Rooted in collaboration, ReNew2030 is a global coalition accelerating the shift to renewable energy to meet climate goals. We are seizing a pivotal moment – when technology, economics, and urgency align – to drive a fast and fair energy transition.

ReNew2030

Our mission is bold yet focused: to scale wind and solar power five-fold by 2030 in the 20 countries that account for around 80% of global power sector emissions.

These countries hold the key to bending the emissions curve – and ReNew2030 exists to help tip the balance. By supporting catalytic partnerships, driving strategic influence, and backing projects with real-world impact, ReNew2030 is working to reshape energy systems in ways that are just, inclusive, and grounded in local priorities.

3

Collective leadership, local impact

ReNew2030 is a global coalition of experts, civil society, and philanthropic organisations working to accelerate a fair and ambitious transition. The coalition aims to scale wind and solar capacity fivefold by 2030, displacing fossil fuels from electricity systems.

ReNew2030 brings together eleven implementation partners – including eight regional climate foundations and three transnational organisations – who offer deep expertise in policy, finance and community-led renewable energy deployment. This diverse coalition structure ensures locally grounded strategies, regional coordination and global learning.

Built in partnership, ReNew2030 supports regional and national actors in high-emission regions, amplifying their agency and leadership. Our model pairs local ownership with global coordination – aligning global vision and strategy with on-the-ground realities to drive meaningful, systemic change. Our innovative funding mechanism, peer-to-peer governance and multi-sector partnerships drive systemic change in the renewable energy transition.

"The ReNew2030 coalition has demonstrated a strong belief and confidence in promoting renewable energy on a global scale. It has created an outstanding community and platform for sharing experiences across regions and countries."

ENERGY FOUNDATION CHINA

PEER-LED GOVERNANCE:

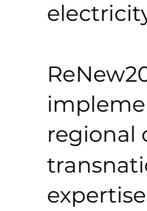
a self-governing coalition where partners participate in decision-making through the Implementation Partners Council (IPC). This participatory model fosters accountability, transparency, and collective ownership.

CROSS-SECTOR COLLABORATION:

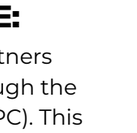
we bring together civil society, governments, businesses, and expert organisations to co-create solutions that are grounded, inclusive, and impactful.

INNOVATIVE FUNDING:

our flexible, long-term funding approach supports partners to act boldly and adaptively in their local contexts.



"ReNew2030 helps ensure that peer organisations and partners can strengthen alignment across geographies, so that we are more than the sum of our parts and can deliver outsized impact, whilst having connective synergy across our regions. We regularly discuss synergies with other ReNew2030 implementing partners, to ensure we have complementary rather than duplicative grant making strategies"



TARA CLIMATE FOUNDATION

About this report

This first annual ReNew2030 report focuses on stories of impact from the field, set against a backdrop of international statistics showing progress in wind and solar, and reflecting on whether we are on track to meet our goal.

ReNew2030 set out with the goal of scaling wind and solar by 2030 to levels consistent with the International Energy Agency (IEA)'s net zero scenario – a critical pathway for limiting the dangerous impacts of climate change. Taking that as our benchmark for success, we are heading in the right direction. There is much to celebrate, including a historic milestone of two terawatts of installed solar capacity globally.

But electricity demand has also grown much faster than the IEA predicted when we began this journey. While wind and solar now account for an impressive nearly 90% of all new capacity expansion, and account for an estimated 50% of global power investment – helping to prevent dangerous new fossil fuel developments – they are still not displacing existing fossil fuel generation fast enough. This is the dual narrative of rapid progress and great hope, coupled with the phenomenal scale of the challenge ahead, that this report explores.

To balance this sobering reality with a sense of agency, the report also features inspiring examples of how philanthropy, under the ReNew2030 banner, is helping to overcome key barriers. Please read on for accounts from across the globe, where efforts on the ground are making a real difference.

02.
2024 IN A NUTSHELL

Over the past year, ReNew2030 has worked to accelerate deployment, remove policy and market barriers, and strengthen the global ecosystem needed to scale wind and solar. These efforts have contributed to tangible progress – from landmark policy advances to unlocking finance and strategic collaborations – all helping shift the energy transition onto a faster, more sustainable trajectory.

2024 marked the first full year of implementing this portfolio – and the progress made has been remarkable. The coalition is now fully operational, with an effective and participatory governance model, and early signs of impact on the ground. Yet, we remain clear-eyed about the challenges and lessons learnt.

ReNew2030 in numbers: 2024

11
IMPLEMENTATION PARTNERS

USD 19MN
FUNDING ON-GRANTED

138+
GRANTS

20
COUNTRIES

400 GW
SOLAR PV ADDED IN RENEW2030 GEOGRAPHIES

03. BARRIERS AND LEVERS

Transforming the global power sector requires a coalition-based approach – one that combines internationally coordinated strategy with deep local expertise. Together, we apply a set of strategic levers tailored to local context and opportunity, tackling the most pressing barriers to progress.

The urgency and complexity of the challenge demand a whole system response.

Governments, businesses, and communities must move in concert. To help overcome barriers, ReNew2030 has identified seven strategic levers to drive change at both national and across regions – aligning efforts across geographies to accelerate the energy transition.

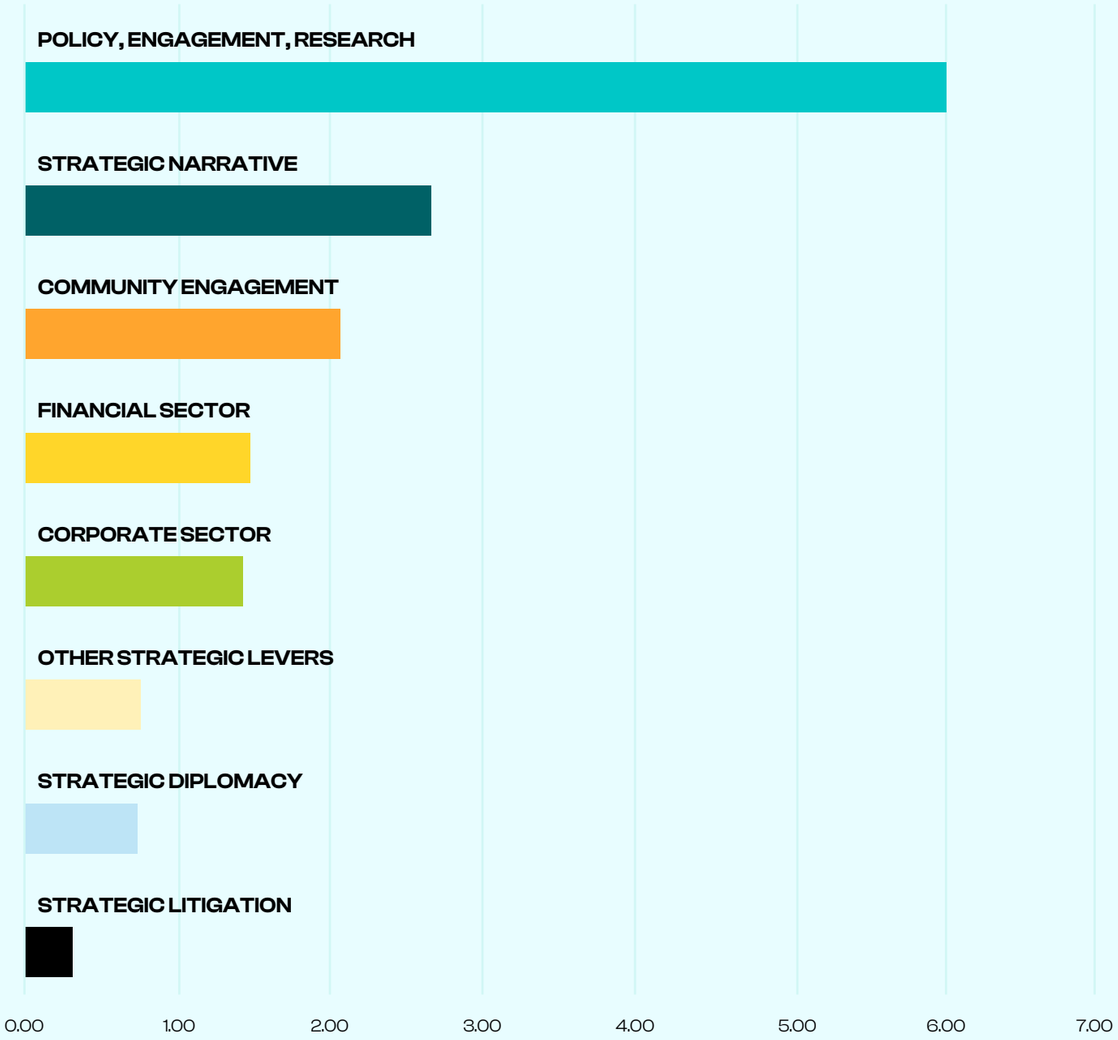
BARRIERS to scaling up wind and solar energy	**LEVERS** for accelerating the transition to renewable power systems
Not enough investment	**Government policy, advocacy and research**
Slow public acceptance and permitting	**Financial system mobilisation**
Misinformation about renewable energy	**Strategic narrative**
Insufficient government ambition and action	**Corporate sector mobilisation**
Sub-scale support for the workforce transition	**Strategic diplomacy**
	Grassroots organizing and campaigns
	Strategic litigation

Despite strong market growth, renewables continue to face systemic barriers that slow their full-scale deployment. ReNew2030 was designed to tackle these challenges head-on, using a strategic collaborative approach. Through a targeted set of interventions, the coalition works to remove bottlenecks, accelerate clean energy adoption, and ensure that the benefits of renewables reach communities globally.

In 2024, the ReNew2030 coalition prioritised grant-making in policy, engagement and research, recognising their critical role in driving systemic change for renewable energy adoption. Other strategic levers – such as financial sector engagement, strategic diplomacy and litigation – were applied more selectively, tailored to specific regional and political contexts.

In the regional distribution of funding, Asia received a significant share – underscoring its critical role in the global energy transition. The region plays a pivotal role in both expanding renewables and reducing emissions, as it accounts for over 90% of the global coal pipeline and two-thirds of global power sector emissions. This highlights not only the scale of the challenge, but also the immense opportunity for transformative impact.

GRANTS BY LEVERS (MILLION USD)



GRANTS BY REGION AND LEVERS (MILLION USD)

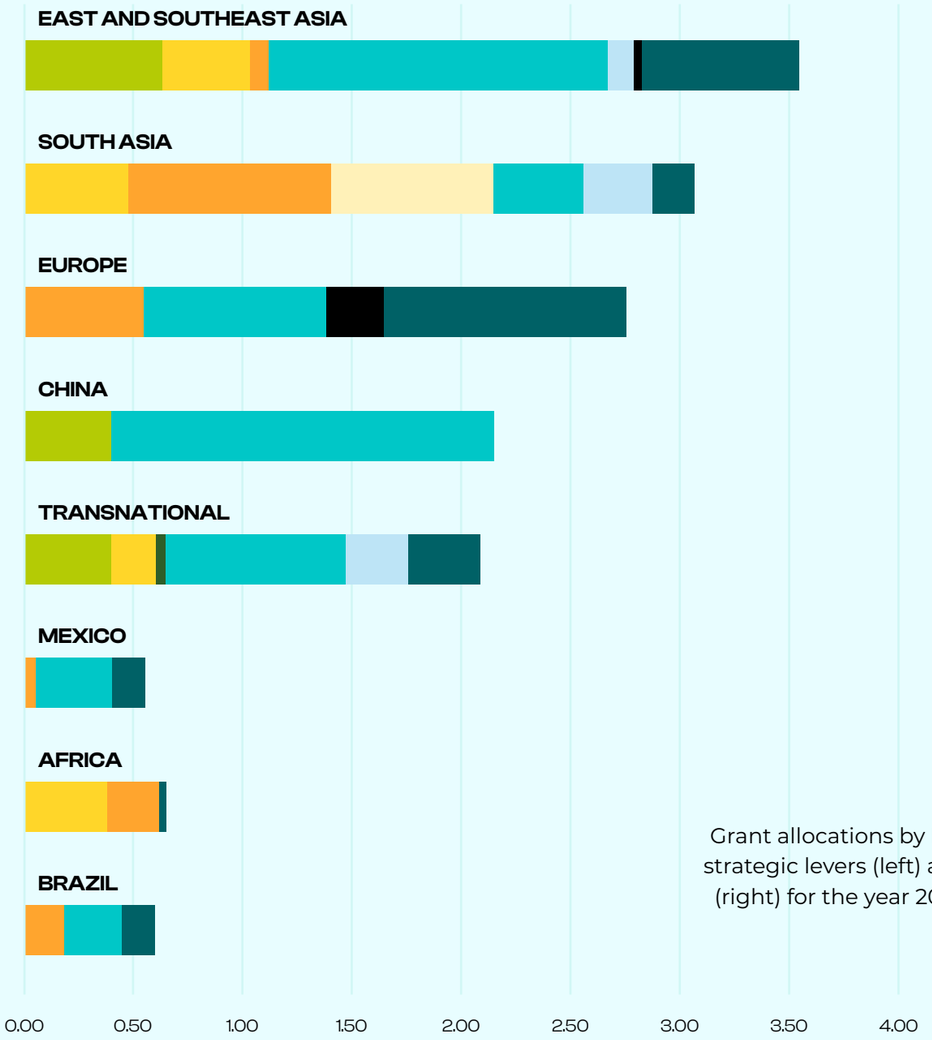
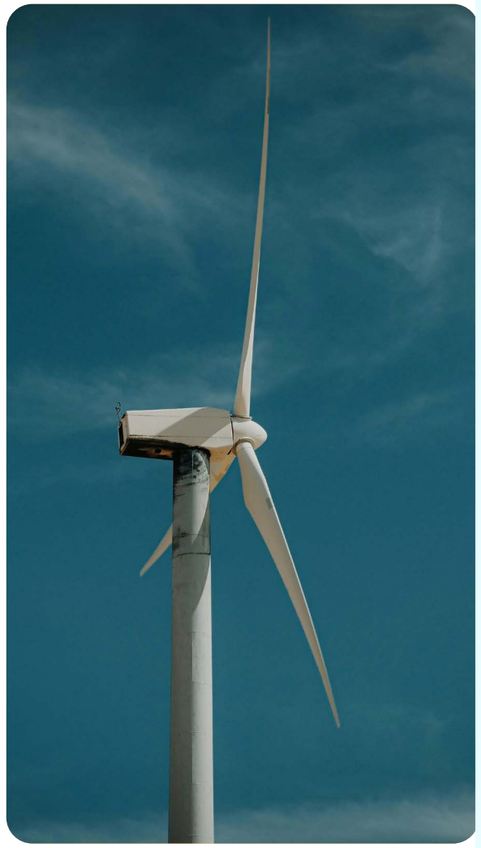


FIGURE 1:
Grant allocations by ReNew2030's strategic levers (left) and by region (right) for the year 2024, shown in million USD.

Why ReNew2030? Why now? Trends shaping the moment



Global electricity demand is projected to double by 2050, driven by the electrification of industry, transport, and buildings. Meeting this surge in demand with renewable energy – while simultaneously replacing today's fossil-based systems – requires a rapid, coordinated transformation of the global energy system. This is not a long-term ambition: it is an immediate necessity.

ReNew2030 is designed to accelerate this shift by building momentum, removing systemic barriers, and enabling the pace and scale of renewable deployment that the climate crisis demands. Over the past year, the global renewable energy landscape has continued to evolve rapidly, with solar and wind energy driving much of the momentum. These technologies are at the core of ReNew2030's work, offering potential to accelerate the clean energy transition while presenting challenges that require coordinated action.

In 2024, the urgency of the energy transition was matched by remarkable momentum across the renewable energy sector. Solar power led the way, scaling rapidly through the convergence of affordability, technology, and user demand – showing how aligned incentives can drive exponential change. Onshore wind continues to expand steadily, driven by cost-competitiveness and technological advancements. Offshore wind is slowly gaining political momentum, but progress is shaped by complex planning processes, competing marine uses, and the need for local consensus.

ReNew2030 and its coalition of partners have responded decisively to these trends, demonstrating an unwavering commitment to advancing renewable energy worldwide. We have convened a diverse network of regional partners and applied our strategic levers to address key barriers.

Over the past year, the global renewable energy landscape has continued to evolve rapidly, with solar and wind energy driving much of the momentum. These technologies are at the core of ReNew2030's work, offering potential to accelerate the clean energy transition while presenting challenges that require coordinated action.

Solar energy: unprecedented growth in solar capacity

Solar power continues to reshape energy systems worldwide, with record-breaking expansion in 2024. A total of 452 GW of new solar photovoltaic (PV) capacity was installed, accounting for over three-quarters of all renewable energy additions that year. By 2024, global installed solar PV capacity reached nearly 2 TW – doubling from 1 TW in just two years. While further growth is needed to meet the required 578 GW per year, this pace of growth is unprecedented, considering it took nearly seven decades to reach the first terawatt.

While China remains the dominant force in solar deployment, other geographies have also experienced significant growth. A striking example is in Pakistan, where ReNew2030 partner Tara Climate Foundation has played a crucial role in supporting a surge in solar adoption – particularly in off-grid solutions.

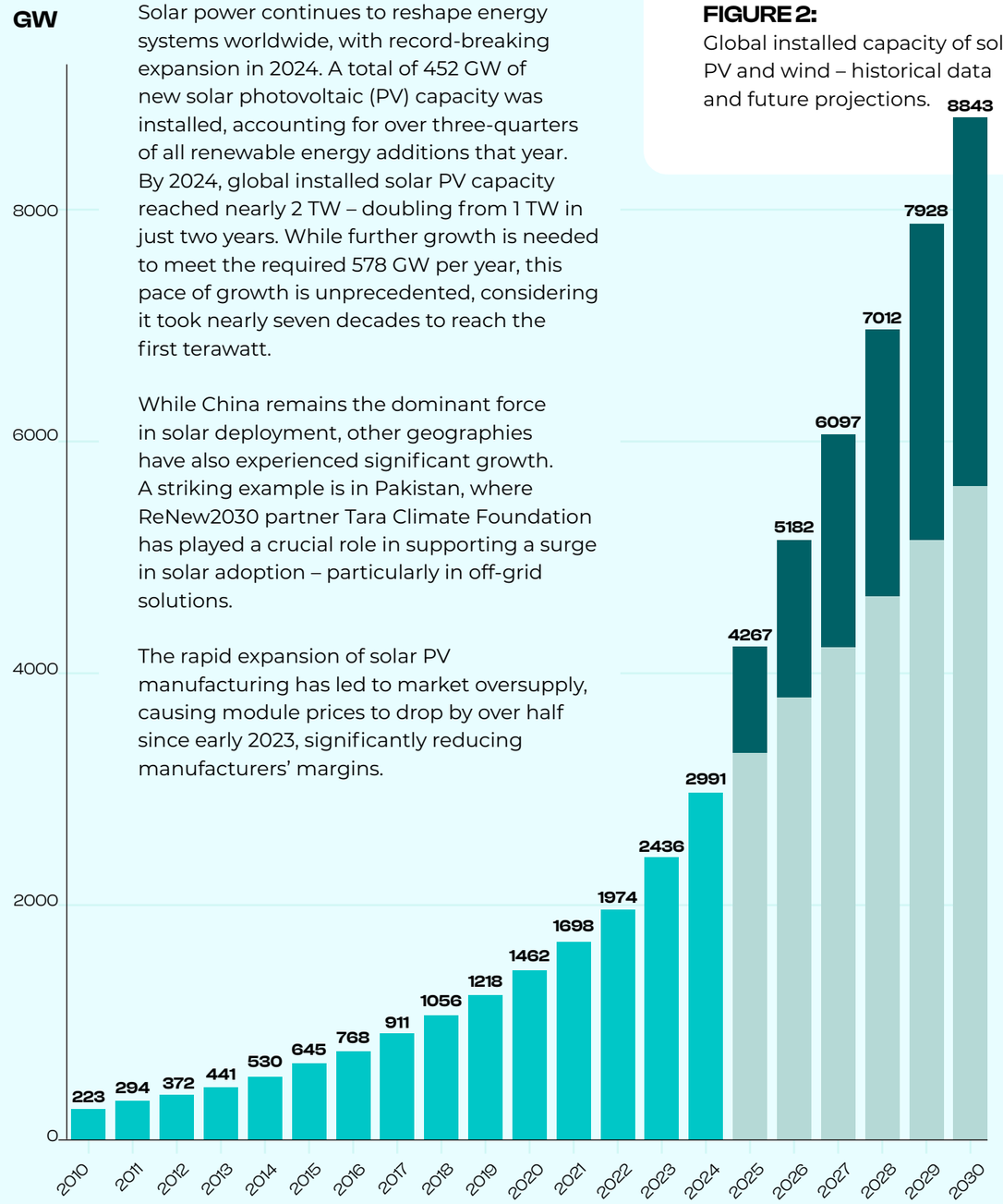
The rapid expansion of solar PV manufacturing has led to market oversupply, causing module prices to drop by over half since early 2023, significantly reducing manufacturers' margins.

GLOBAL INSTALLED CAPACITY - SOLAR PV AND WIND
Historical and Projections

Current Growth Rate

ReNew2030 Goal

FIGURE 2:
Global installed capacity of solar PV and wind – historical data and future projections.



Source: Ember, IEA Net Zero Scenario, IRENA

Wind energy capacity: more investments and targeted approach needed

In 2024, global wind energy capacity grew by 11%, reaching 1,133 GW, driven primarily by large-scale installations in China and the United States.

Onshore wind capacity reached 1,053 GW, with China leading the expansion, followed by the European Union. However, to meet the target set at COP28, global onshore capacity must triple by 2030 – an ambitious yet achievable goal that can be accelerated through supportive policies, a strengthened supply chain, improved grid integration and planning, and collaborative land-use planning that incorporates robust social safeguards.

Offshore wind presents a major opportunity for expansion, requiring a sixfold increase by 2030 to stay on track. Scaling up deployment will depend on accelerated project development, streamlined approval processes, and enhanced grid infrastructure to support long-term growth. A recent milestone in this effort is South Korea's Offshore Wind Power Promotion Act ("One Stop Shop Act"), backed by ReNew2030 partner Tara Climate Foundation. The Act shortens permitting timelines by approximately eight months, and marks the culmination of years of collaborative efforts to build public support and accelerate progress towards South Korea's ambitious 40.7 GW offshore wind target by 2038.

ReNew2030 strategy: advancing key priorities in the transition

To deliver a clean and just energy transition at the scale and speed this decade demands, ReNew2030 has prioritised three key critical areas:

STRENGTHENING ENERGY COMMUNITIES

ADVANCING GRID DEVELOPMENT

MOBILISING FINANCE

These priorities stem from a data-driven approach, deep engagement with partners, and a clear understanding of systemic barriers. By analysing key obstacles and identifying where collective action can have the greatest impact, we have identified these areas as essential enablers for change.

Strengthening community-based energy projects is especially timely, given the growing pushback against renewable energy developments, the urgent need for new consumer models, and the declining cost of solar technology. Local energy ownership enhances public support, improves energy security, and empowers consumers to participate in – and benefit from – the transition. At the same time, unlocking finance and modernising grids are fundamental to scaling renewables at the speed and scale required to meet global climate targets.

These interconnected efforts break down structural barriers while leveraging proven solutions to drive systemic change. Through strategic partnerships, ReNew2030 partners are working to unlock the full potential of renewables globally.

Powering the path to 1.5°C: Scaling renewables with community-centred solutions – ReNew2030's COP29 event with partners Iniciativa Climática de México, Energy Foundation China and the African Climate Foundation.

Energy communities: emerging leaders in the energy transition

Local energy communities are playing an increasingly vital role in the clean energy transition. By enabling community-owned energy generation, they enhance efficiency, build resilience against grid instability, reduce costs, create local employment, and expand opportunities for greater control over energy choices and access.

While energy communities have long gained traction in Europe – led by proactive individuals and groups seeking to take control of their energy production and use – interest is expanding globally.

Energy communities can play a key role in delivering energy to those who need it, but crucially, they also shape narratives and energy transition politics. It is this, we believe, that makes them a disruptor.

ReNew2030 supports efforts to scale community-driven energy models, ensuring they are adaptable to different local contexts. Implementation partners such as Iniciativa Climática de México (ICM), European Climate Foundation (ECF), and Energy Foundation China (EF-C) are advancing diverse approaches that engage local communities, policymakers, and private sector stakeholders.

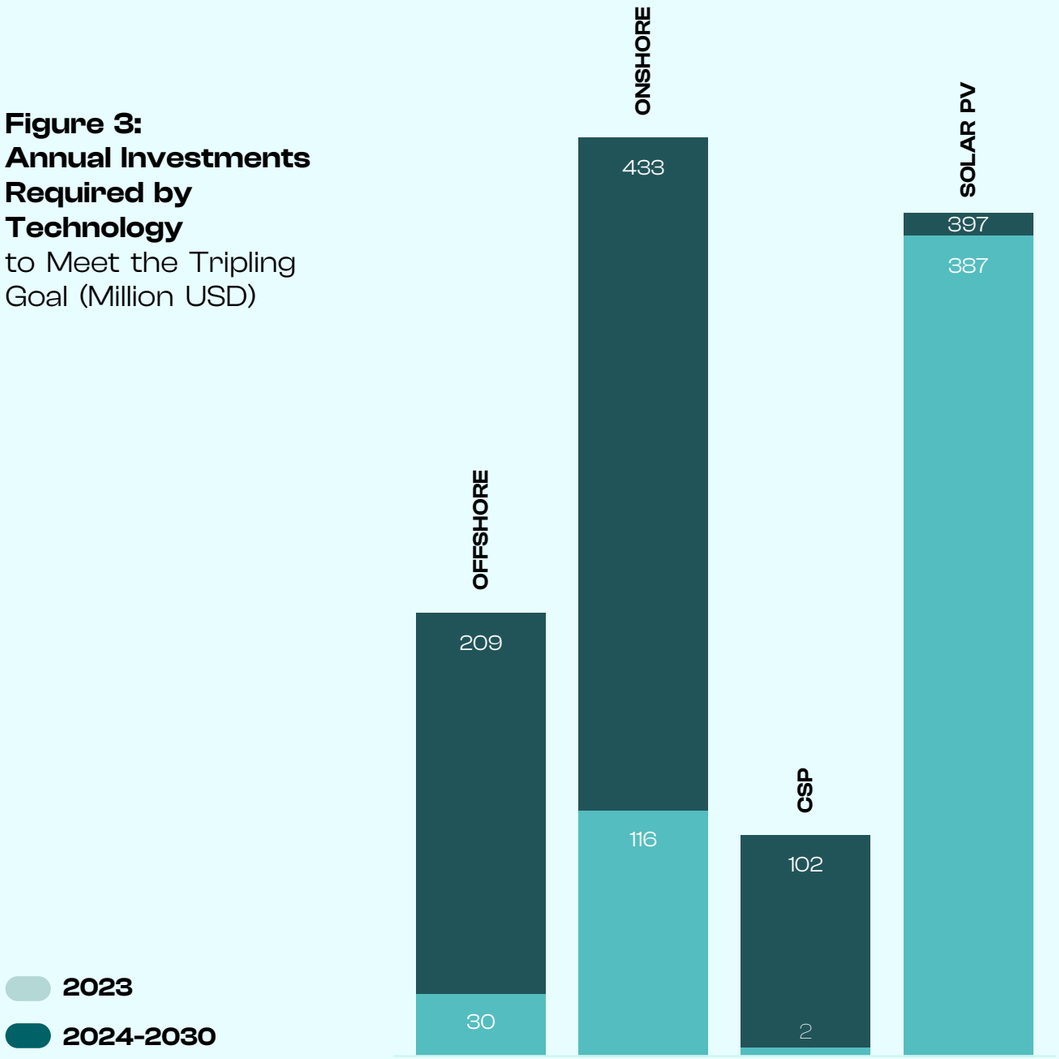
Ejido Solar in Mexico, for example, is a pioneering community-driven initiative enabling rural landholders in the north of the country to co-develop solar plants – four of which are already operational, each reducing emissions by 300-400 tCO_2e annually. The project also promotes participatory governance, has secured funding for seven additional cooperatives, and is laying the groundwork to scale inclusive clean energy models across the country.

Ensuring these initiatives succeed at scale requires flexible strategies that align with national needs and policy environments, and appropriate funding structures that account for risk.

Bridging the finance gap: scaling proven models and unlocking innovation

Despite increasing global investment in clean energy, financing remains a major hurdle, particularly in regions that need it the most. The world is still far from the estimated USD 1.5 trillion in annual investment required to meet the global goal of tripling renewable energy capacity.

Figure 3: Annual Investments Required by Technology to Meet the Tripling Goal (Million USD)



Source: IRENA,COP28, COP29, GRA, MoEA and Government of Brazil (2024), Delivering on the UAE Consensus: Tracking progress towards tripling renewable energy capacity and doubling energy efficiency by 2030.

In 2023, investment in renewable capacity reached USD 570 billion, with solar PV investments on track to meet the tripling goal. However, investments in onshore and offshore wind are lagging behind – only meeting 27% and 14% of the annual investments needed, respectively.

Significant imbalances have also been noted across geographies. Emerging and developing countries received only 15% of global energy investments in 2023, limiting their ability to scale renewables at the necessary pace to the level of investment required to achieve the tripling goal. Addressing these gaps requires systemic financial reforms, increased investment in high impact regions, and stronger mechanisms to de-risk projects.

ReNew2030 partners are actively mobilising finance, supporting policy development, and strengthening investment frameworks to accelerate renewable energy deployment at scale. Closing the finance gap remains essential to ensuring an equitable and effective energy transition.

ReNew2030 adopts a country-specific approach to identifying and addressing key market failures in finance and policy. By analysing the underlying barriers in each context, we can pinpoint the most effective solutions to bridge these gaps. For example, where gaps in early-stage financing or technical assistance are hindering progress, initiatives like Renewables Investment Platform for Limitless Energy (RIPLE) can help create enabling conditions for investments. If the issue lies in an insufficient project pipeline, development finance institutions (DFIs) or other organisations may offer the necessary support. In this landscape, ReNew2030 plays a critical knowledge-broker role, connecting the partners with the right solutions to unlock finance and accelerate the energy transition.

Regional Investment Requirements for Renewables 2024-2030 to Achieve the Tripling Goal (Billion USD)

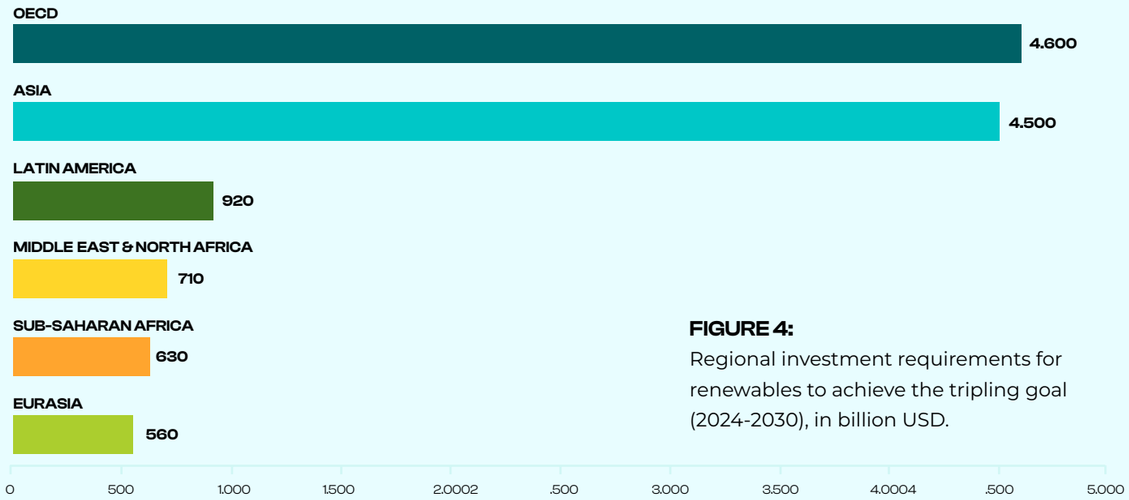


FIGURE 4: Regional investment requirements for renewables to achieve the tripling goal (2024-2030), in billion USD.

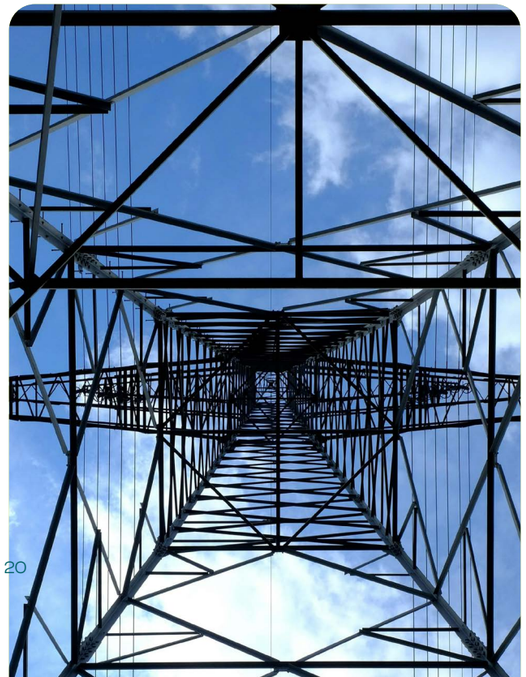
Source: Climate Analytics (2024) Tripling renewables by 2030.

Grid development: tackling infrastructure challenges

Grid development faces urgent infrastructure challenges that demand rapid and radical transformation to prevent bottlenecks in the clean energy transition. More than 80 million kilometres of new and refurbished grid infrastructure will be needed by 2040 to keep the transition on track. To meet national climate targets, global grid investment must nearly double to over USD 600 billion per year by 2030, with a strong emphasis on modernising and digitalising distribution networks.

Regional climate foundations have been developing their regional grid expansion strategies, with some already fully developed and ready for investment.

In South Africa, the African Climate Foundation (ACF) is supporting grid development by facilitating public-private partnership (PPP) models under the Just Energy Transition Partnership (JETP), providing technical assistance to the National Transmission Company, and piloting replicable projects to attract private investment.



In Mexico, Iniciativa Climática de México (ICM) is working to improve flexibility in distribution grids through regulatory reform, technical innovation, and financing tools that enable greater renewable energy integration. In Brazil, Instituto Clima e Sociedade (iCS) is exploring the potential use of hydro reservoirs as grid-scale storage, and plans to deepen efforts in transmission planning, regulatory design, and stakeholder engagement to support a reliable, renewable-powered grid.

In parallel, ReNew2030 aims to build a broader community of impact – drawing on its experience with community energy – to strengthen collaboration and knowledge sharing across regions.

> *"Within the community of impact, we want to consider the goals on grids, and different approaches and tactics that philanthropy can use to accelerate grid development across regions. It's very exciting, and something that we are hoping to incubate across ReNew2030 and its partners, and for it to be a new gold standard initiative within the network."*
>
> **REBECCA COLLYER**

04. DELIVERING IMPACT: STORIES OF CHANGE FROM THE FIELD

Strategic storytelling and influence

ReNew2030 amplifies its impact through media coverage, thought leadership, and high-profile platforms, ensuring its work reaches key audiences. TED talks, opinion articles in Financial Times Sustainable Views, and strategic engagements at COP29 have elevated its visibility, driving conversations on renewable energy.

AUTHENTIC STORYTELLING THAT INSPIRES

ReNew2030 is expanding how it tells its story – launching a voice-note video series featuring community energy successes, and publishing partner-driven blogs on overcoming structural barriers and building inclusive momentum for renewables.

BROADCAST AND MEDIA HIGHLIGHTS

ReNew2030's narrative was featured on the NPR TED Radio Hour, bringing solar energy challenges and opportunities to mainstream audiences. Media moments like this help ensure that the clean energy transition remains part of the global public dialogue.

CONNECTING THROUGH DIGITAL CHANNELS

With the launch of our quarterly newsletter in 2024 and a refreshed, more accessible website, ReNew2030 has strengthened its digital presence – sharing partner stories, spotlighting achievements, and deepening engagement across the coalition.

MAKING WAVES AT MAJOR GLOBAL PLATFORMS

Whether at New York Climate Week – where ReNew2030 co-hosted the first ever Global Renewables Summit – COP29, or the Berlin Energy Transition Dialogue, ReNew2030 takes part in many of the main global climate events. At COP29, we partnered with *We Don't Have Time* to spotlight renewable energy solutions, alongside the African Climate Foundation and Tara Climate Foundation. In Berlin, we co-hosted a strategic convening with the Global Renewables Alliance, aligning voices on finance, permitting, workforce development, and countering disinformation.

FROM TED TALKS TO THE FINANCIAL TIMES: REACHING GLOBAL AUDIENCES

ReNew2030 has taken centre stage across influential media and thought leadership platforms. TED talks featuring early ReNew2030 perspectives and a compelling case study by Tara Climate Foundation have reached over 1.3 million viewers, sparking conversations well beyond the climate community. Opinion articles in FT Sustainable Views have reinforced the coalition's key messages, from scaling solar to unlocking finance.

These globally coordinated efforts have been further amplified by strategic communications at both national and regional levels, led by ReNew2030 implementation partners. Through targeted storytelling and a strong media presence, **ReNew2030 continues to build awareness and influence, reinforcing its pivotal role in shaping the clean energy transition.**

Driving international impact with our partners

2024 was the year of sustaining the momentum on the 3xRenewables goal announced at COP28 in Dubai. Throughout the year, ReNew2030 played a pivotal role in driving accountability and progress toward implementation, supporting a diverse network of transnational partners across regions.

Pooled fund on International Energy

POOLED FUND ON INTERNATIONAL ENERGY

With support from its transnational partner, the Pooled fund on International Energy (PIE), ReNew2030 collaborated with the Global Renewables Alliance to host the first-ever Global Renewables Summit in September 2024 in New York. This gathering brought together governments, private sector, philanthropies, international organisations, and academia – uniting all key stakeholders for the first time to strategise on accelerating the global race to tripling renewable energy capacity. As part of this effort, PIE convened a ministerial roundtable on trade and supply chains, reinforcing the positive momentum toward the renewables goal. In addition, PIE's contribution focused on building local manufacturing capacity and relevant skills for the transition.

Beyond the summit, PIE played a vital role in supporting civil society engagement through the Global Clean Energy Network (GCEN), a consortium of over 100 NGOs working toward a just and equitable transition to renewables by 2030. Additionally, ReNew2030 supported PIE's "Data into Action" programme by funding leading data-focused NGOs – such as Ember, Climate Analytics, Transition Zero and New Climate Institute – to advance efforts on benchmarks and track the global tripling renewables goal.

THE SUNRISE PROJECT

THE SUNRISE PROJECT

The Sunrise Project played an important role in engaging financial institutions in global policy-making spaces. Through its flagship Global Finance Programme, Sunrise advanced efforts to align financial systems with clean energy goals, drawing on insights from its work in Asia and Europe. One major initiative was the Sustainable European Central Bank coalition, calling for financial policies that facilitate the energy transition such as dual interest rates. Additionally, Sunrise is developing a Consumer-Owned Renewables Electrification (CORE) strategy, which has the potential for transformative impact in Asia. A key insight from this work is that, unlike fossil fuels, renewables are partly financed by households – highlighting the opportunity to scale household investment in clean energy while strengthening grassroots engagement with the energy transition.

Through global convenings, strategic diplomacy, financial sector engagement, and data-driven accountability efforts, ReNew2030 and its transnational partners have safeguarded progress on the global energy transition and strengthened momentum towards achieving the 3xRenewables goal.

ICPH International Climate Politics Hub

INTERNATIONAL CLIMATE POLITICS HUB

Another transnational partner, International Climate Politics Hub (ICPH), leveraged its trusted diplomatic network to push for progressive climate policy at the global level. Throughout the year, ICPH remained steadfast in its efforts, ensuring the most ambitious outcomes possible, despite a challenging political environment.

At COP29, where some parties sought to weaken last year's Global Stocktake language on the energy transition, ICPH's engagement was instrumental in holding the line. Through strategic diplomatic efforts and messaging, the network played a key role in galvanising support from countries that rejected low-ambition mitigation outcomes. Thanks to these efforts – and those of other partners – the 1.5°C Paris Agreement goal remains central to the global climate agenda, reinforcing the urgent need for a robust energy transition.

Regional climate foundations leading local change

In 2024, ReNew2030 regional partners made remarkable progress across diverse geographies, often navigating complex and volatile contexts. Despite these challenges, regional climate foundations remained resilient, ambitious, and solutions-driven to deliver tangible results. They led the development of transformative climate investment platforms, forged high-impact public-private partnerships, commissioned insightful research, and piloted practical community energy solutions. Across the portfolio, partners leveraged the strength of the coalition, strategically using the ReNew2030 toolkit to address key barriers to scaling up clean energy solutions.

"Through these interventions, we demonstrated that climate action was local. While national policies provided a framework, real implementation happened at the state and community level"

AFRICAN CLIMATE FOUNDATION

Africa

Scaling renewable energy investment through transformative platforms in **Nigeria**

In Nigeria, the African Climate Foundation (ACF) and its partners have been at the forefront of expanding renewable energy investment, fostering public-private partnerships, and unlocking new funding streams to accelerate the energy transition. Their efforts span multiple states, demonstrating how targeted interventions can drive system-wide change.

A major milestone was the Renewables Investment Platform for Limitless Energy (RIPLE) – a USD 500 million initiative launched in February 2024 in partnership with the Nigerian Sovereign Investment Authority. RIPLE is designed to expand energy access, leveraging capital to bridge financing gaps in emerging markets. Its first pilot project, the Tokarawa Industrial Hub in Kano State, will generate and distribute 70 MW of renewable energy to 9,000 connections, setting a precedent for scaling clean energy solutions nationwide.

In Nasarawa State, ACF, and its partner Nasarawa Investment & Development Agency (NASIDA) established Nigeria's first sub-national Climate Investment Platform, creating a pipeline for climate-focused projects and attracting new investment to accelerate deployment.

In Enugu State, ACF supported the development of an 827 kW solar PV project for the State Secretariat, eliminating reliance on diesel generators, reducing energy costs, and cutting 492 tons of CO_2 emissions annually. This initiative demonstrates how public institutions can transition to cleaner energy sources while realising economic and environmental benefits.

Recognising that state governments control nearly half of Nigeria's public funding, ACF and its partners are leveraging this influence to drive policy shifts and mobilise investment toward renewable energy solutions.

Public-philanthropic partnerships have been essential to these efforts, but private sector engagement is also playing a crucial role. ACF partnered with Konexa to launch Nigeria's first private renewable electricity trading platform, enabling direct sales of renewable power to private clients. The first adopter, Nigerian Breweries PLC, is transitioning two facilities to 100% renewable energy, cutting emission by over 8,000 tons of CO_2 annually.

Strengthening capacity and constituency for renewable energy in **South Africa**

In South Africa, efforts have focused on strengthening capacity among key organisations and communities to advance renewable energy solutions. With ReNew2030's support, ACF established a civil society and communications network with expertise in energy planning, climate adaptation, and development.

This network actively engages communities, including those affected by fossil fuel dependency, in shaping a just energy transition. By fostering community participation and public support, these efforts help ensure that solutions remain inclusive and locally driven.

Europe
Advancing a fair energy transition through energy communities in Europe

For over a decade, the European Climate Foundation (ECF) has been working to create the conditions for local communities to develop their own renewable energy projects, enabling individuals to manage energy costs while strengthening community resilience.

Through its Energy Democracy Network, the ECF has brought together 25+ partners across 14 countries, supporting the growth of 3,000 energy cooperatives and engaging two million citizens in community-led renewable energy initiatives. These efforts empower local actors to take ownership of the energy transition, reducing reliance on centralised fossil fuel infrastructure.

With significant untapped potential, expanding community energy initiatives remains a priority for both the ECF and ReNew2030 – particularly in rural areas, where such projects can build new alliances and increase local economic benefits, and strengthen public support for the energy transition. The ECF is also investing in a strategy that ensures that all projects in rural areas follow good practice by contributing to local economic value, giving back to areas where state-led local services are crumbling or barely existent.

United Kingdom: Leveraging elections to secure policy wins

In the United Kingdom, the government has committed to a 2030 power sector decarbonisation plan, allocating £40 billion annually to develop 75 GW of renewables and 20 GW of battery storage, alongside planned reforms to planning and grid connection processes. The ECF and its partners played a critical role in safeguarding these commitments and ensuring that decarbonisation remained a top-five priority for the new government.

ECF's partners worked across different levels to influence policy and shape public discourse:

- *Common Wealth* successfully pushed for the creation of publicly-owned clean energy generators, strengthening public sector involvement in renewables.
- Regen and Green Alliance provided technical expertise, advising the government on overcoming technical barriers to enable rapid decarbonisation. Regen led a government-backed grid connections reform group, a role funded by the ECF.
- The Energy and Climate Intelligence Unit's (ECIU) Energy Crisis Commission shaped public narratives on fossil fuel dependency, securing high-profile media coverage in outlets like the Guardian and even the usually critical Daily Telegraph.

Despite this progress, challenges remain. Delays in planning reforms, market complexities, and rising energy costs pose risks to achieving the UK's clean energy goals. Furthermore, growing media hostility could influence public sentiment, making continued efforts to shape the narrative and build public support are more important than ever.

Asia
Driving scalable solutions for distributed solar PV in **China**

In 2024, China sustained its strong momentum in renewable energy expansion, adding nearly 300 GW of wind and solar power, with distributed solar PV (DPV) accounting for almost half of this growth. However, key challenges – such as limited distribution network capacity, rural electrification gaps, and micro-grid constraints – continue to hinder DPV's full potential. To address these barriers, Energy Foundation China launched targeted pilot projects in key provinces, testing scalable solutions for broader implementation.

In Shandong Province, Energy Foundation China partnered with Shandong Jianzhu University to introduce "rural power banks" – 120 kW modular energy storage systems that increased grid capacity by 30% and generated an additional $7,000 in annual revenue for participating communities. Under this model, communities secured partial funding through banks, repaid loans through energy sales, and later saw the approach integrated into Shandong Provincial energy policy, enabling large-scale implementation.

Building on this experience, Energy Foundation China expanded its focus to other regions facing similar constraints. In rural China, community energy projects are emerging as a solution to the challenges of integrating distributed photovoltaics. In 2024, Energy Foundation China partnered with local governments, research institutions, and the private sector to launch research and pilot projects. One key initiative, developed with LONGi Green Energy, enables village collectives to invest in PV and solar thermal systems. Farmers provide rooftop space and banks offer financing, with revenue from PV generation covering heating system costs – surplus earnings are shared between farmers and the village. Piloted in Shaanxi province, this model supports government plans to develop 1,000 village-scale solar projects (2 GW) by the end of 2024 – demonstrating a scalable, community-driven energy solution for rural electrification and economic sustainability.

Multisectoral collaboration was essential for success. By working with government agencies, think tanks, research institutions, and industry, Energy Foundation China gained valuable insights on policy and market barriers, strengthening the foundation for DPV expansion.

Energy Foundation China also advanced China's power sector decarbonisation, through research on grid transformation, energy storage, and demand interaction:

- In Jiangsu Province, an Energy Foundation China-led study addressed DPV trading bottlenecks to ease peak loads and improve grid flexibility. Findings were shared with local energy bureaus and policymakers to inform low-carbon power system transitions.
- Energy Foundation China also collaborated with industry leaders to develop cost-effective, socially beneficial DPV solutions, supporting broader policy adoption.

"DPV development in China involves multiple stakeholders, including local governments, investors, operators, market developers, grid companies, PV manufacturers, rural communities, and villagers. Any proposed solution – technical, policy-related, or market-driven – must be designed to account for the interests of all stakeholders to ensure feasibility and success."

ENERGY FOUNDATION CHINA

Growing the momentum for **Pakistan's** solar boom

In 2024, Pakistan witnessed a significant surge in solar energy uptake – an example of how distributed renewables can quickly reshape energy systems under the right conditions. A combination of high electricity prices, regular power outages, and strains on the national grid made solar an increasingly attractive option for households and small businesses. Affordable panels manufactured in China provided a timely solution, but it was the sustained work of local communities that helped build momentum, and ensure that solar adoption could flourish.

Over the years, Tara Climate Foundation's local partners, such as the Pakistan Renewable Energy Coalition, have worked to shape a more enabling environment for renewables. Even as a high sales tax on imported solar panels was proposed, their engagement contributed to maintaining favourable import conditions to improve affordability and access, which in turn supported a steady rise in solar adoption from 2022 through 2024.

At the same time, partners focused on raising awareness of the benefits of solar energy among communities, businesses, and decision-makers. Through positive public education and community dialogues, they helped normalise solar energy as a reliable, accessible, and empowering option for households. Ongoing efforts also helped maintain net metering policies, which made it easier for people to feed excess energy back into the grid, further incentivising uptake.

By 2024, the scale of change was becoming clear. Bloomberg New Energy Finance used satellite imagery to estimate behind-the-meter solar installations, revealing a significant extent of deployment across rooftops nationwide. Building on this momentum, Tara partner Renewables First conducted a detailed study and convened a series of webinars to share findings. These efforts drew international attention and framed Pakistan's experience as a compelling example of distributed renewables taking root from the ground up.

With this new visibility, organisations are now engaging with government agencies, utilities, and grid operators to explore how best to manage and build upon the shift underway. These conversations help contribute to national power developments and grid planning, informed by data in changing electricity demand and supply patterns. Local groups are also beginning to explore how similar energy access opportunities could be extended to lower-income communities. Options such as rural microgrids in areas not served by the main grid are being considered as part of a broader conversation around inclusive energy access.

Catalysing offshore wind development in the **Philippines** through multi-stakeholder collaboration

Catalysing offshore wind development in the Philippines, Tara Climate Foundation supported its partners in playing an important role in the first ever offshore wind masterplan feasibility study in the Philippines, laying critical groundwork for the country's large-scale offshore wind development. The initiative was conceived by low-carbon transition investor Clime Capital and energy distributor Aboitiz Power Corporation, in partnership with the Rocky Mountain Institute, the US Trade and Development Agency, and Tara.

Tara's philanthropic support accelerated the study and helped attract interest from both the public and private sectors. The study involved a detailed technical assessment of offshore wind potential across multiple coastal sites, providing key data for partners to engage early with local public institutions to understand and address potential environmental and social concerns.

A defining feature of the initiative was the commitment to make data from the study publicly accessible – lowering barriers to entry, supporting shared learning, and enabling other stakeholders to build on the findings. The project demonstrated how collaborative, cross-sectoral approaches can unlock the knowledge and investment needed to scale offshore wind in the region.

The Americas
Empowering communities through renewable energy projects in **Mexico**

ReNew2030 partner Iniciativa Climática de México (ICM) is driving community-led renewable energy through Ejido Solar, a transformative initiative that brings photovoltaic solar technology to rural communities in northern Mexico. The model enables ejidatarios (communal landholders) to develop solar power on their land in collaboration with local governments and private sector partners, ensuring community ownership and long-term benefits.

By embedding participatory governance, Ejidos Solar actively involves communities at every stage, strengthening local decision-making, and ensuring inclusive development. To support replication and expansion, ICM co-developed a replicability manual with partners and local authorities, laying the groundwork for nationwide and international adoption.

So far, four Ejido Solar plants have been implemented in Sonora, with each plant reducing between 300 tCO_2e and 400 tCO_2e annually, depending on capacity.

"We have positioned community-based projects as key to energy, economic and community development. This experience allowed us to secure additional funding to support the development of seven renewable energy cooperatives in different regions of Mexico".

INICIATIVA CLIMÁTICA DE MÉXICO

Beyond project implementation, ICM has played a leading role in shaping policy frameworks for community energy. It advanced a proposal for the legal recognition of community distributed generation, fostering consensus among subnational governments, federal officials, and key stakeholders. By placing people at the centre of the energy transition, these initiatives have improved community livelihoods while strengthening the implementation of Mexico's renewable energy and climate policies.

Expanding impact: policy engagement, youth engagement and movement building

ICM's success in Mexico stems from a multi-pronged approach that integrates community-led projects, policy and youth engagement, adapting to political opportunities as they arise.

The 2024 general elections created a strategic opening for ICM to engage with diverse stakeholders and elevate the urgency and benefits of renewable energy policies. Through flagship initiatives like Ejido Solar and Hogares Solares, ICM successfully positioned distributed renewables as a national priority, leading to renewed ties with the Ministry of Energy (SENER) and laying the groundwork for a potential memorandum of understanding to support national policies aimed at accelerating the phase in of renewables and phase out of fossil fuels.

Already, key regulatory shifts – such as the launch of Sol del Norte, a National Solar Homes programme in the northern region of Mexico – reflect ICM's recommendations, demonstrating its tangible policy influence.

ICM has also mobilised youth participation in the energy transition, demonstrating philanthropy's role in fostering civic engagement. The Hackatón X Nuestro Futuro, Mexico's first large-scale renewable energy hackathon, drew over 600 young participants from across the country. The top 40 finalists gathered in Mexico City, forming teams to develop public policy proposals focused on renewable energy expansion.

Post-Hackathon activities have continued – including mentoring, training programmes, and regional youth networks, ensuring sustained participation in shaping clean energy policies.

Strengthening community participation in wind energy development in **Brazil**

In Brazil, Instituto Clima e Sociedade (iCS), has advanced community engagement in renewable energy planning, ensuring that energy transition is both inclusive and locally driven. Through an interstate consultation in Pernambuco, Ceará, and Paraíba, iCS facilitated collaboration between affected communities and the state governments, leading to:

- A joint proposal for an offshore wind pilot project, ensuring that renewable energy expansion aligns with community needs and priorities.
- In Paraíba, the adoption of a local government-backed action plan in compliance with International Labour Organisation (ILO) Convention No. 169, which recognises the rights of indigenous and local communities to participate in decisions affecting their land and livelihoods.

This marks a major step forward, reinforcing the ongoing efforts of iCS to promote transparent dialogue between states representatives, communities, and energy stakeholders.

With support from ReNew2030, iCS has enabled 37 grassroots groups and individuals from affected communities, to be trained on how to adopt and implement the Socioenvironmental Safeguards for Renewable Energy – a compilation of over 100 safeguards developed through a collaboration with iCS's local partners.

Lots done, and more to come

The first year of ReNew2030's implementation has laid a strong foundation, reaffirming the coalition's commitment to accelerating the global renewable energy transition. Through active collaboration, ReNew2030 has contributed to scaling solar and wind energy, mobilising finance, and advancing locally grounded solutions. Its work has supported local leadership, informed policy development, and helped unlock systemic change.

Building on this momentum, ReNew2030 will continue to grow its reach and impact.

With a diverse network, a shared sense of purpose, and a proven model for collaboration, the coalition is well-placed to tackle emerging challenges and seize new opportunities.

In the year ahead, ReNew2030 will build on its emerging community-of-impact model by deepening its focus on three strategic priorities: scaling community-led energy models, unlocking finance in regions that remain underfunded in the global energy transition, and accelerating grid transformation.

Alongside these efforts, ReNew2030 will deepen partnerships, drive innovation, and support projects that deliver meaningful, tangible impact on the ground.

These priorities are not only vital to expanding renewable energy: they are also fundamental to ensuring a just, inclusive, and resilient transition.


ReNew2030