



SOUTH ASIA REGIONAL ENERGY HUB

OUR JOURNEY SO FAR

January 2020 - March 2022



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Who We Are

USAID's Missions in South Asia have a rich portfolio of ongoing energy programs, both bilateral and regional, that work closely with national governments to support the access to reliable, flexible, economical and clean energy across the region. In 2018, the United States Government launched the Asia Enhancing Development and Growth through Energy (Asia EDGE) initiative to support the growth of sustainable and secure energy markets in the Indo- Pacific region. Currently, Clean EDGE Asia builds on the work of Asia EDGE to align government and private sector resources to advance sustainable energy growth in the region. To help increase harmonization and continuity between the programs USAID/India facilitated in South Asia they designated the United States Energy Association (USEA) to established a regional hub titled the South Asia Regional Energy Hub (SAREH). SAREH was implemented by the United States Energy Association (USEA) from January 2020 to March 2022.

What We Do

SAREH started out with the overarching objective of creating awareness about USAID's interventions in South Asia, and their impact when working closely with public and private stakeholders at the regional, national, and subnational level. The hub, a regional energy cooperation platform, managed by USEA from January 2020-March 2022 offered, extensive communications, coordination, and targeted and quick short term technical assistance to USAID and its public and private stakeholders.

Where We Work

SAREH aided USAID's Clean EDGE Asia's interventions in South Asia, primarily the countries including, Bangladesh, Bhutan, India, Nepal, Sri Lanka and the Maldives.







How We Work

The three primary undertakings for the **South Asia Regional Energy Hub** to enable USAID interventions in South Asia are coordination, communications, and technical support.

Coordination

SAREH engaged stakeholders across the South Asia region to coordinate activities with USAID bilateral and regional initiatives through a two-pronged approach of periodic implementing partner meetings and one on one engagement at the programmatic level. In addition, SAREH also worked with a variety of U.S. Government agencies that are part of Asia EDGE and collaborated with private sector enterprises, national governments, international donors, financial institutions, and civil society organizations to build a synergized network of USAID stakeholders. The Hub further supported regional forums, and networks (such as the Distribution Utilities Network and the Regional Parliamentarian Forum) to enhance energy cooperation and acted as a common knowledge repository for all Asia EDGE activities in South Asia.

COORDINATION SOUTH ASIA REGIONAL ENERGY HUB COMMUNICATION TECHNICAL SUPPORT

Communication

At the strategic level, one of SAREH's primary objectives is telling the stories of USAID's energy stewardship and impact in South Asia. In addition, the Hub supports outreach for USAID missions and other U.S. Government agencies working with host country stakeholders, and private sector. The unified approach of one-voice messaging builds expanded opportunities of engagement and partnerships, beyond South Asia and Southeast Asia, creating a global impact footprint on the United Nations General Assembly Sustainable Development Goal (SDG) 7 to "ensure access to affordable, reliable, sustainable and modern energy for all" and SDG11 to "make cities inclusive, safe, resilient and sustainable." This common engagement and outreach platform uses multimedia tools and campaigns to shape the narrative especially on key achievements, emerging developments, successes, lessons learned and the roadmap ahead on Asia EDGE priorities including cross-cutting themes like gender and air quality.

Technical Support

SAREH assisted USAID missions, host country stakeholders, and private sector through capacitybuilding, advisory support, and short-term technical assistance opportunities in topics of regional significance. The advisory services included technology, market, and policy assessments in addition to guidance on project transactions under the Asia EDGE.

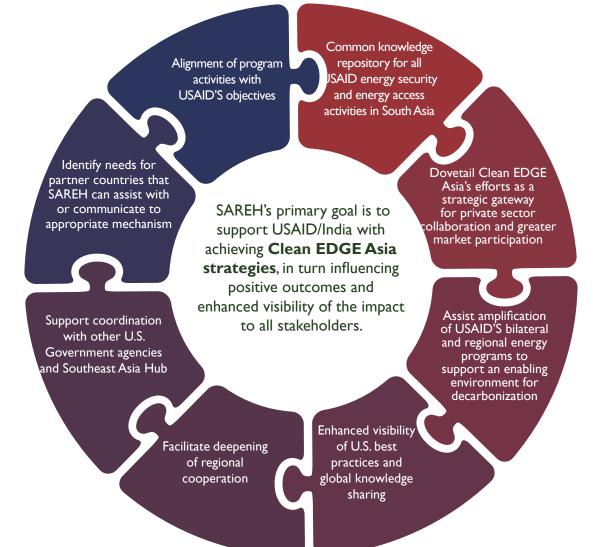
As the energy demand rapidly increases in South Asia, the region is prioritizing a clean energy transition moving away from its heavy reliance on traditional fuel sources. However, this transition needs to be just and inclusive, ensuring affordable, reliable and equitable access to energy and energy services. Departing from a reliance on aging infrastructure and outdated mechanisms to deliver power, transportation, and building energy requirements needs critical attention to identifying what the region needs and how best to fulfil those needs.





SAREH's efforts focused on expanding capacity, building awareness, and deepening cooperation contributed to USAID's partners' energy security and advance their sustainable development goals, including clean and affordable energy to address the climate crisis impacting nations.

SAREH'S Interventions



SAREH'S Stakeholders

Harnessing expertise and resources of the U.S. Government, private sector international financial institutions and like-minded governments to support and accelerate South Asia's clean energy transition needs active engagement with internal and external stakeholders. Our internal stakeholders include all USAID Missions in South Asia including USAID India, Bangladesh, Sri Lanka and Nepal; Asia Edge Regional Hubs like the Southeast Asia Edge Hub, other U.S. Government agencies, USAID implementing partners and USAID at large. While our external stakeholders include national government and policymakers, regional energy trade and industry associations, private sector, business leaders, donors, and foundations as well as academic and research institutions. Additionally every individual working on or interested in advancing energy security and trade, energy access and stability and renewable energy integration and women and marginalized communities who bear a disproportionate burden of climate change, pollution, and energy insecurity.



Regional Initiatives

USAID Participation in Indo-Pacific Business Forum 2020

In the midst of the first COVID 19 outbreak across the world, the U.S. Government hosted its third annual Indo-Pacific Business Forum in Hanoi, Vietnam virtually. On October 28 and 29, to be virtually present USAID's Acting Assistant Administrator Javier Piedra wanted to send a video to the event. On USAID/India's request SAREH supported the scripting and video production of USAID's Indo Pacific initiatives, and the power of private sector enterprise in expanding financial assistance in South Asia

in Javier's voice. SAREH also supported with the fact sheet draft and design of the South Asia Group for Energy (SAGE), and the Hub, two of the three regional energy programs including South Asia Regional Energy Partnership (SAREP) that was announced at the program.

U.S.-India Clean Energy Ties Emphasized at the RE Invest Program

In November 2020, SAREH facilitated the U.S. country session at the 3rd RE Invest program hosted by the Government of India's Ministry of New and Renewable Energy supporting USAID with talking points for Ramona M El Hamzaoui, and suggested questions for the high-level panel that included USAID, U.S. Agencies and Government of India national and sub national participants. The session showcased existing and upcoming opportunities for U.S.-India private-sector collaboration . Ramona M El Hamzaoui, then acting Mission Director, USAID/

India, and Amitesh Kumar Sinha, Joint Secretary, Ministry of New and Renewable Energy (MNRE) opened the program and other speakers included those from the U.S. Department of State, United States Agency for International Development, U.S. Department of Energy, U.S. Department of Commerce, U.S. Trade and Development Agency, U.S. Developmental Finance Corporation, Gujarat Electricity Regulatory Commission, and Government of Karnataka.

USAID Asia EDGE Collaborating, Learning, and Adapting (CLA)

For more systematic and intentional program cycles and purposeful resource dedication under Asia EDGE, on USAID's recommendation, SAREH collaborated with the Southeast Asia EDGE Hub to co- host the first Asia EDGE Collaboration, Learning and Adapting (CLA) event. During the two-day workshop held in December 2020 SAREH coordinated with USAID staff, U.S. Government interagency, and Implementing Partners to shape the agenda, presentation benchmarking and

learning sessions. Progress on Asia EDGE outcomes, knowledge on emerging energy issues in the region, collaboration and coordination opportunities, were discussed. Additionally, SAREH led two technical seminars on Leveraging Digital Communications to Build a Clean Energy Future and Air Quality and Energy in Asia.









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Asia Clean Energy Forum 2021

USAID India collaborated with the Asian Development Bank (ADB) to co-host two sessions at the Asia Clean Energy Forum (ACEF) 2021. SAREH facilitated USAID's regional event titled *Decarbonization Pathways in South Asia* on June 17, 2021. Coordinating with the U.S. national labs that forms the South Asia Group for Energy on one hand and ministerial level participants from Bangladesh, India and Sri Lanka on the other the successful event catalyzed commitments on collective climate



action. Deliberations on technology choices, challenges, opportunities, and potential pathways in critical power, transportation, buildings, and industry to develop future tactics were spotlighted. SAREH took the lead in developing talking points for USAID leadership, drafting social media toolkit and disseminating information through social and event flyers, supporting the attendance and publicizing the event through the Hub's bimonthly energy events calendar.

Regional Coordination Forums

South Asia Distribution Utility Network (DUN)

In South Asia, power distribution acts as one of the most critical links in the electricity value chain, which interfaces with the end customers and provides revenue for the entire value chain. SAREH authored a white paper that proposes the creation of a regional network called the South Asia Distribution Utility Network (DUN) to facilitate sharing of knowledge and best practices among South Asia utilities. The final paper was handed over to the SAREP program to build future interventions.



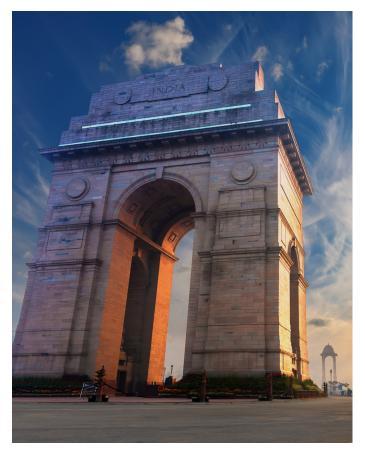
SOUTH ASIA IMPACT OVERVIEW



Supporting USAID India

Highlighting the Role of Women's Leadership at GTG-RISE National Conference

India is marching towards its goal of installing 500 GW of renewable energy by 2030 and in August 2021, the country achieved a milestone of installed RE capacity of 100 GW. Celebrating this milestone and the closeout of USAID's Greening the Grid Renewable Integration and Sustainable Energy (GTG-RISE) initiative, SAREH collaborated with GTG-RISE and India's Ministry of Power on August 24–25, 2021 to support USAID's national conference titled Large-Scale Integration of Renewable Energy in India: Transforming India's Power Landscape. More than 40 national and international speakers addressed the conference. USAID Mission Director Veena Reddy delivered welcome remarks. At the conference along with USAID's South Asia Women in Energy (SAWIE) initiative SAREH co-hosted a high-level panel on the Role of Women's Leadership in Advancing the Global Clean Energy Transition. SAREH drafted



talking points, outreach strategy and talking points for the USAID Deputy Mission Director Karen Klimowski who delivered a keynote address on the critical role of women leaders in accelerating the renewable energy transition in a traditionally male-dominated sector.

Last Mile Support for India's National Open Access Registry (NOAR)

As a long-term partner in India's developmental agenda, USAID is supporting POSOCO, India's national load despatch centre. As part of this collaboration USAID/India has been supporting the development of the framework for India's National Open Access Registry (NOAR) which will bring transparency, efficiency, and economy for short- term access applicants in the power sector by integrating IT solutions and drawing transactions closer to real time first under the GTG/RISE initiative. After the closeout of that



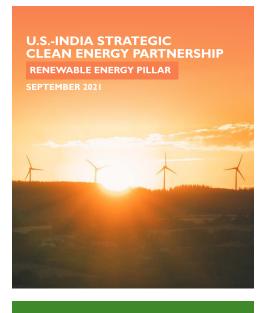
program, USEA carried out several activities and workshops to support POSOCO in designing and developing the National Open Access Registry (NOAR) platform under SAREH. Hosting a knowledge series for over 120 participants and stakeholders between January and April 2022, SAREH helped familiarize India's national and regional load dispatch centre stakeholders on the centralized electronic platform offering last mile technical assistance and project management.



NOAR was released by the Ministry of Power, Government of India on May 02, 2022 as part of the country's Azaadi Ka Amrit Mahotsav (75 years of independence celebrations) and was announced via a Press Release. The platform which already has 1572 registered users is providing automation in the workflow, integrating a payment gateway for interstate short-term open access transactions, and increasing market efficiencies is helping pave pathways for real-time transactions in the near future.

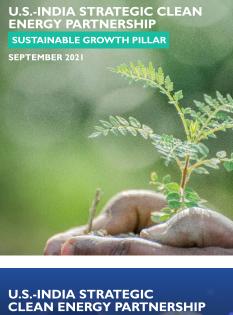
U.S.-India Stratetic Clean Energy Partnership

SAREH provided on-demand support to USAID/India and the U.S. Department of Energy in drafting and designing the annual highlights, achievements, and roadmap for relaunch of the U.S.-India Strategic Partnership -- and now rebranded as the U.S. India Strategic Clean Energy Partnership (SCEP) 2021. The four SCEP pillar highlight documents included (1) Renewable Energy, (2) Sustainable Growth, (3) Power and Energy Efficiency, and (4) Responsible Oil and Gas formed the discussion agenda as the run up to the U.S.- India Strategic Clean Energy Partnership Ministerial Dialogue in September 2021 . They included achievements, successes and roadmaps for the US-India intergovernmental SCEP partnership. SAREH also highlighted the pillar highlights in its newsletter along with the highlight of a fifth pillar, Emerging Fuels.



U.S.-INDIA STRATEGIC CLEAN ENERGY PARTNERSHIP RESPONSIBLE OIL AND GAS PILLAR SEPTEMBER 2021









Enabling USAID Nepal

Supporting Nepal's Electric Mobility Adoption for a Clean Energy Future

USAID's SouthAsia Regional Energy Hub collaborated with Urja Nepal to co-host a four-day workshop for select Nepalese participants to fast-track the country's electric mobility future. Organized from July 19 to 22, 2021, the online workshop engaged over 40 participants comprising over 18 organizations from Nepal's provincial and federal government, private sector, academia, and donor agencies through 12-hours of training. Industry experts and power utilities took participants through global electric vehicle policies, value proposition, types and standards for charging infrastructure, site selection, and electricity connection assessment for public charging, cost-benefit analysis, and business models for effective EV deployment. Hitendra Dev Shakya, Managing Director Nepal Electricity Authority called it a great USAID initiative to mainstream electric vehicles in Nepal that could enhance private sector investment in the country. Through this workshop, USAID contributed to developing the capacity of stakeholders involved in helping roll out the EVs in the public and private sectors in Nepal supporting the Government of Nepal's intent of a paradigm shift of its transportation sector, switching to a sustainable mobility ecosystem and going fully electric by 2031.

Integrated Resource and Resilience Planning Workshop

USAID has been supporting countries globally to conduct integrated energy planning systematically, especially for a cleaner, affordable, and resilient energy future with health and economic long-term benefits. Responding to a request from the Government of Nepal, USAID funded a hybrid three-day workshop co-hosted by SAREH and Urja Nepal program. The Integrated Resource and Resilience Planning Workshop in Nepal from November 21-24, 2021 also included two-days of training for about 50 participants from Bangladesh, Bhutan, India, and Sri Lanka from both government and private





sector. The learning workshop included introductions to IRRP, applications and their importance, key components, global best practices from USAID projects and beyond, data crunching, and understanding socio-economic benefits. The workshop conducted in Kathmandu built network discussions on future strategies to utilize existing tools, harmonize future IRRP efforts, and mobilize IRRP priority efforts for the Government of Nepal.

Supporting Nepal in Expanding Regional EnergyTrade

In April, the Nepal Electricity Authority (NEA) joined India's energy exchange market through India's power trader NTPCVidyutVyapar Nigam Limited (NVVN). This first-of-its-kind initiative is a significant step in evolving cross-border electricity trade (CBET) in South Asia. To mark this milestone SAREH facilitated the co-drafting and release of an article, by IRADe and USEA who facilitate USAID's long-term regional energy program South Asia Regional Initiative for Energy (SARI/E). The article was covered on pages 65-67 of the third edition of the Powerline South Asia Magazine, July 2021 edition. USAID has been supporting cross-border for an energy secure regional power market in South Asia since 2000 working closely with policymakers, energy sector experts and other stakeholders from Bangladesh, Bhutan, India, Nepal, and Sri Lanka.

Asian countries to foster trust and accelerate cross-border power trade to transition to an energy secure South Asia, since 2000. Since its inception program (in its current form titled the South Asia Regional Initiative for Energy Integration (SARI/EI) program implemented by IRADe and USEA) has been working with policymakers, energy sector experts and other stakeholders from Bangladesh, Bhutan, India, Nepal, and Sri Lanka through analytical studies, forums, and capacity development training to build cooperation and consensus.With SAREH's support and facilitation, IRADe and USEA co-authored a Cooperation and Collaboration article on Nepal Electricity Authority joining the Indian Power Exchange.The article is covered on pages 65-67 of the third edition of the Powerline South Asia Magazine, July 2021 edition.

OPINION



Cooperation and Collaboration

Ushering in an energy-secure South Asia through regional power markets

Sarah M. Blanford, Deputy Program Director, USEA; and Pankaj Batra, Project Director, SARI/EI, IRADe

pril 14 is celebrated as the start of the new year and signifies auspicious beginnings in many parts of South Asia. This year, the date also heralded the beginning of a new era for the region's power market. The Nepal Electricity Authority (NEA), the country's power utility, joined the energy exchange market through India's power trader, NTPC Vidyut Vyapar Nigam Limited (NVVN). This first-of-its-kind initiative is a significant step in evolving cross-border electricity trade (CBET) in South Asia.

This has made Nepal eligible for purchasing electricity directly from India's poBorder) of Electricity by the Designated Authority was issued by the Central Electricity Authority (CEA) on February 26, 2021. The first transaction took place on April 17 for about 1 MUs, which more than doubled the next day to 2.9 MUs. This is a milestone for Nepal's energy development, and for creating a vibrant regional power market in South Asia.

Trust and cooperation as cornerstones for Indo-Nepal power trade

Indo-Nepal power trade goes back to 1971, when the two nations signed the Power Exchange Agreement, which enabled both countries to import and exconnection and Grid Connectivity between the two countries led to the creation of a power/energy secretary-level joint steering committee and a joint secretary-level joint working group. These groups promoted and facilitated cooperation in various areas, including planning and identifying potential crossborder interconnections, transmission technology selection, project report preparation, and investment for timely project implementation. A joint technical team was formed for the preparation of a long-term integrated transmission plan covering projects up to 2035.



Delivering USAID Bangladesh's Clean Energy message to critical audiences

In February and June 2021 SAREH team provided communications and outreach, coordination and logistical support to USAID/Bangladesh to organize two virtual outreach events. The primary objective of these events was sharing Bangladesh energy stakeholders as well as South Asia's private sector, research institutes, academics, and other donors about USAID/Bangladesh's continued assistance to the government of Bangladesh on clean energy through existing energy program successes and formal launch of the Bangladesh Advancing Development and Growth through Energy (BADGE) program. SAREH supported by developing event agendas, crafting and disseminating Media outreach material including event invites to gain participation, Press Release, fact sheet, social media engagement toolkits, briefers for U.S. Government high-level speakers, and a BADGE program launch video. The BADGE program, launch event titled "U.S.- Bangladesh Climate Mitigation and Energy Cooperation - Launch of USAID BADGE program" a \$17 million, five-year, flagship clean energy project and messaging on USAID Bangladesh's existing programs 1) Phase III of Reinforcing Advanced Energy Systems (RAES), in partnership with NREL and 2) Renewable Hydrogen Generation with Carbon Recycling (ReHyCaRe) were widely covered by the Press.

Assisting the Royal Government of Bhutan

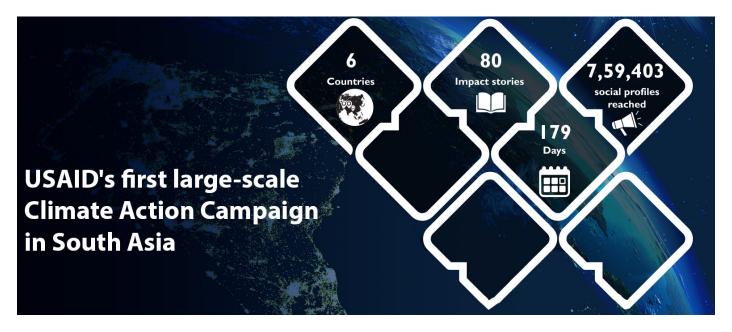
Since 2000, Bhutan has been a key USAID partner and the agency aims to expand its partnership with the Royal Government of Bhutan, working collaboratively on domestic energy sector development as well as regional integration and power trade. SAREH developed a work plan for USAID's expanded assistance to Bhutan under the U.S.-Bhutan Energy and Climate Cooperation that covers important areas of shared interest and assistance highlighted by Bhutan for the next five years. This initiative aims to maximize support from existing USAID mechanisms to quickly implement priority interventions requested by the Bhutan Government. Implementing this support, SAREH initiated a Bhutan Steering Committee meeting under USAID leadership and completed two technical capacity building trainings on project finance and regulatory process for cost reflective tariff designs. SAREH and USEA are currently conducting a study on Bhutan's Readiness for Regional Power Market Integration, scheduled to be completed by April 2022.







Powering Clean Energy Campaign



SAREH's Powering Clean Energy for Climate, and eight private sector, civil society, bilateral and multilateral engagements, the campaign engaged 100,000 social profiles across six countries of South Asia namely, Bangladesh, Bhutan, India, Maldives, Nepal, and Sri Lanka, concluding in September 2021.

Inspired by the campaign's success, other regional USAID Implementing Partners adopted the hashtag #poweringcleanenergy for digital messaging. The campaign engaged significant stir in amplification with over 25 climate and clean energy institutional stakeholders including ADB, IFC, SE4AII, ASEAN Clean Energy, Fridays for Future Bangladesh, Asia Clean Energy Forum, BluSmart India, Sterlite Power, CEEW, WRI, Berkley Lab, NREL, EPIC Program University of Chicago, ISGF, CESL, We Don't Have Time, Air Quality India, Sun King Global and others.

SAREH launched the second edition of the campaign in December 2021. The campaign focused on "looking back to move forward," building recall for USAID's Asia EDGE programs through 2021, talking about implementing partners as change crusaders, adding their successes, achievements, launches, and the roadmap for fiscal year 2022. Additionally, SAREH shared the stories of USAID's cross-cutting priorities such as private sector partnership, gender championing, and air quality and how they help meet South Asia's climate goals.

The campaign featured 15 USAID bilateral and regional initiatives through six weeks and 44 posts of rich media, in a mix of conventional infographics and informative gifs reaching 6,59,403 sectoral influencers; engaging and informing; governments, policymakers, educational institutions, private sector partners and women in energy. The stories were shared again through SAREH's Twitter and LinkedIn handles as the primary with USAID missions and Implementing Partners amplified — culminating in a series closeout on March 03, 2022 with the most significant endorsements by way of shoutout coming from USAID's Climate Change Coordinator, Gillian Caldwell.





Social Media Network LinkedIn 2,121 Facebook Twitter 382



SAREH social media network details as on March 15, 2022

Powering the Edge Newsletter

In November 2020, SAREH launched the South Asia Energy Series -- a sequence of open-tothe-public webinars targeting audiences in six countries-Bhutan, Bangladesh, India, the Maldives, Nepal, and Sri Lanka. The series offered public and private energy stakeholders an opportunity to interact around clean energy development and deployment in South Asia. Setting the stage for

future energy partnerships, with each program, our tribe grew stronger, common themes emerged, and by the end of six energy series outreach events, SAREH had engaged over **989 participants from more than** 44 countries.

Some of the topics covered through the series included Tackling the COVID-19 Crisis with South Asian Distribution Companies, Coal-Based Flexible Power Generation, Battery Energy Storage System, Scaling Grid-Connected Distributed Solar in South Asia, and a two-part series on Accelerating Electric Vehicles Charging in South Asia.

OUNTRIES

SAREH Newsletters

SAREH's quarterly newsletter **Powering the Edge** captured USAID's success stories, new policy action, program launches, blogs, women in energy spotlights, and emerging developments on Asia EDGE initiatives in South Asia. It promoted USAID regional missions and Implementing Partner

technical research reports and white papers, videos, and news on regional energy partnerships. The newsletter also included special profile features of energy experts and policy leaders. Since 2020, SAREH has published three editions and four episodes of the **Powering** the Edge newsletter that featured seven blogs and 35 highlights and success stories.



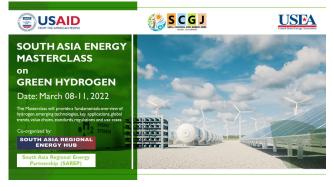
rcy in buildings and industries, distributed energy resources dep ment, and cross tricity trade. We believe in the growth and sustainability of secured energy ets in South Asia as a harbinger of health and prosperity, not just for the Indo-Pa



SHARING KNOWLEDGE AND SUCCESSES

South Asia Energy Masterclass

On March 8, 2022, hosted a four-day capacity building training series titled South Asia Energy Masterclass to provide in-depth training on emerging technologies and policy trends. The first installment focused on Green Hydrogen and how best to harness this fuel of the future. SAREH collaborated with the USAID program South Asia Regional Energy Partnership (SAREP) and Skill Council for Green Jobs, Government of India as the training partner. Over 65 participants from Bangladesh, Bhutan, India, Nepal, Sri Lanka, and



the Maldives attended with over 25% female participation. The virtual, live, and interactive training sessions, conducted by industry experts through nine-hours of learning took participants through the fundamentals of green hydrogen, recent policy trends and actions in South Asia, hydrogen technologies, economics, key applications, global standards, and case studies. Interest in green hydrogen is peaking across South Asia and under USAID's stewardship, a synergized approach between countries will build a complimentary future roadmap.

Indo Pacific Vision Video Series

SAREH led the drafting of a video series to highlight USAID's long-term assistance in South Asia that has contributed to a free, open, connected, prosperous, secure, and resilient Indo-Pacific, accelerating the clean energy transition.

The informative explainer videos cover two topics of strategic significance:

- Increased deployment of energy technologies and advanced energy solutions, and
- Enhanced cross-border electricity trade, and its valuein South Asia.

The two-minute duration, bite-sized explainer video

series, includes successes, case studies, voices from energy leaders, endorsement from private sector and civil society partners, in addition to affirmations from United States Government and USAID leadership with a specific focus on national and sub-national actions benefitting South Asian stakeholders.

SAREH Blog Series

In the decisive decade of climate action, SAREH's six-part thematic blog series amplifies the importance of decarbonization and a transition to net zero energy systems committed by national governments in South Asia. The blog forged a successful media partnership with a leading business daily with multi- million readership to spotlight USAID stewardship, collaboration, and partnerships in the

SHARING KNOWLEDGE AND SUCCESSES

Asia Edge priority geographies in South Asia, with bylined blogs from national governments, think tanks, energy research institutes and USAID missions in South Asia. The blogs reached over 50 million readers in South Asia covering the U.S. Indo Pacific Strategy, USAID Climate Strategy, India's 500 GW Renewable Energy Target and U.S.-India Strategic Clean Energy Partnership, Bangladesh's Climate Change Adaptation and Roadmap to Energy Security, and Sri Lanka's Energy Resilience Outlook.



Electric Vehicle Compendium

The electric vehicle training for the Government of Nepal garnered significant interest. As an outcome, SAREH authored an Electric Vehicle Compendium of Public Resources on Electric Vehicles to serve as a quick reference for countries in the region that are in early stages of electric mobility transition. SAREH later shared the Compendium with six USAID missions in South Asia, Implementing Partners from four regional programs, and 14 bilateral programs in Bangladesh, Bhutan, India, Nepal, Sri Lanka and the Maldives.



al Electricity Authonity

LIST OF ACRONYMS

LIST OF ACRONYMS		NEA	Nepal Electricity Authority
Asia EDGE	Asia Enhancing Development and	NTPC	National Thermal Power Corporation Limited
	Growth through Energy	NVVN	NTPC Vidyut Vyapar Nigam Ltd.
ADB	Asian Development Bank	PACE-D 2.0 RE	Partnership to Advance Clean Energy Deployment
BADGE			2.0 on Renewable Energy
DADGE	Bangladesh Advancing Development and	PAS	Public Affairs Section
DEDC	Growth through Energy	POC	Point of Contact
BERC	Bangladesh Energy Regulatory Commission	POSOCO	Power System Operation Corporation Limited
BERP	Bangladesh - NARUC Energy Regulatory	RAES	Reinforcing Advanced Energy Systems
	Partnership	SAGE	South Asia Group for Energy
BESS	Battery Energy Storage System	SAREH	South Asia Regional Energy Hub
CBET	Cross-border Electricity Trade	SARI/EI	South Asia Regional Initiative for Energy
CESL	Convergence Energy Services Limited	•	Integration
CLA	Collaborating, Learning, and Adapting	SAWIE	South Asia Women in Energy
DISCOMS	Distribution Companies	SE4ALL	Sustainable Energy For All
CEEW	Council on Energy, Environment and Water	SPARC Utilities	
EHS+	Environment Health and Safety	STARC Ouncies	connectivity
EPIC India	Energy Policy Institute at the University of	SAREP	South Asia Regional Energy Partnership
	Chicago	SLEP	Sri Lanka Energy Program
GTG-RISE	Greening the Grid- Renewable Integration and	-	
	Sustainable Energy Initiative	SLERP	Sri Lanka Energy Regulatory Partnership Program
IFC	International Finance Cooperation	TA	Technical Assistance
IP	Implementing Partner	USAID	United States Agency for International
IRADE	Integrated Research and Action for Development		Development
ISGF	India Smart Grid Forum	USDOC	United States Department of Commerce
MAITREE	Market Integration and Transformation for Energy	USEA	United States Energy Association
	Efficiency	USG	United States Government
NARUC	National Association of Regulatory Utility	USTDA	United States Trade and Development Agency
	Commissioners	WRI	World Resources Institute

CONTACT US

For more information on work during this timeline, please contact Ipshita Banerjee at ibanerjee@usea.org

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