



# 2021 ANNUAL REPORT

# A NOTE FROM OUR OUTGOING PRESIDENT

2021 has been a year of very important progress with positive, exciting initiatives for clean energy growth, and an important executive transition for NECEC. Therefore, this Annual Report Opening Letter is written jointly by two presidents - Peter Rothstein, NECEC President from 2010 to early January 2022, and by his successor Joe Curtatone who was selected by the NECEC Board's President Search Committee to assume this important position as of early January 2022.

As I step down as NECEC President at the beginning of January, I'm thrilled to be passing the torch to Somerville Mayor Joe Curtatone. I know that under Joe's leadership, the Northeast's clean energy sector and NECEC's leadership role will continue to grow to greater heights, leveraging the support and engagement of all of NECEC's members and partners, and building on NECEC's 15 years of accomplishments, partnerships and networks as well as deepening new partnerships, including with cities and communities, part of NECEC's future.

Joe's background as a visionary municipal leader through 18 years as Mayor of Somerville, Massachusetts, adds an invaluable pathway for clean energy economy growth and impact. His passion and vision have already been inspirational as we've worked closely in our leadership transition and had a full week together at COP26. I've already seen that under Joe's leadership, NECEC will continue to grow its impact on the Northeast region as a model clean economy, and on the unique innovation, market, policy and partnership role that NECEC has developed. Climate solutions progress has been core to NECEC's history and as we saw in our conversations in Glasgow, aggressive climate progress and stepping up to a role on the global stage will be an exciting, critical part of NECEC's future.

NECEC's 2020s Decade of Action initiative includes efforts to establish and accomplish aggressive targets to reduce greenhouse gas (GHG) emissions in the Northeast by 50% from 1990 levels. This will require the Northeast US to transition to a majority of renewable energy sources, ensure protections and benefits for environmental justice communities, expand initiatives in clean transportation, smart/electrified buildings, grid modernization, green hydrogen and offshore wind, and develop a global clean economy best practices network by 2030.

NECEC has been--and will continue to be--at the center of the region's critical policy debates and we will continue to do this in partnership with all of our members and partners. Underlying policy progress is our region's world-class innovation ecosystem. There continues to be no better place in the world for cleantech startups and early-stage companies to launch, grow and scale their solutions. NECEC will continue to grow its network of startup, emerging, growth, and global partners to be partners to the clean energy transition, a role that NECEC has helped shape over recent years.



**Peter Rothstein**

**Peter Rothstein**  
NECEC President

# A NOTE FROM OUR CURRENT PRESIDENT

I want to start by saying what an honor it is to be taking over as the President of NECEC and how humbling it is to attempt to fill Peter's shoes. Peter has done uncommonly important work in helping to position our entire region as a global leader on climate tech and clean energy.

The work we're doing here matters. And when I say "we" I mean every single person in all of our member organizations, partners and community allies. Whatever brought each of us to this moment, we now find ourselves involved in the issue that will determine the course our region, nation and planet takes over the next century.

The stakes literally could not be bigger. I subscribe to the optimistic view that we have the ability to build a diverse climate tech economy that not only averts the worst case scenarios on the climate front, but leads to the best case scenarios on the economic and societal fronts. Yet optimistic urgency is nonetheless urgency. I discovered long ago that the people you want to be around when facing a crisis are those who seek to run toward it rather than away from it.

have the public and media attention they deserve. The majority of Americans now believe governments should do more to reduce the threats of climate change, and 2020 ushered in a new presidential era of climate action and progress. Here in the Northeast, states continued to lead the way with aggressive clean energy targets for the next decade and beyond, including Maine's 80 percent renewable energy standard target, New York's target of 100 percent zero emission electricity by 2040, Massachusetts' 2030 midpoint and 2050 net zero goals, and Rhode Island's pledge for 100 percent renewable electricity by 2030. We also saw the clean energy community embrace the idea that climate change and racial injustice are entwined, and prioritize climate investments in low-income communities and communities of color that have far too often borne the brunt of the adverse health and economic challenges of traditional energy projects.

You are those people. We're not getting clean energy, net zero buildings, decarbonized transportation and revamped industrial processes without innovations and practical, real world implementations. You are the people out in the field doing the work, bringing the hard technology solutions to the problem, and forging the partnerships necessary to tackle complex deployments.

One of the big takeaways from COP26 was that states and cities need to push faster and deeper into decarbonization than we're able to achieve at the national and international levels. To have a true impact, NECEC needs to step in to provide vision, advocacy and leadership. We are not just talking about technological advancement and lines of business. We are talking about efforts that will impact people and place.



**Joe Curtatone**

# A NOTE FROM OUR CURRENT PRESIDENT

This is why justice, equity, diversity and inclusion need to be front-of-mind concerns as we build out this climate-saving ecosystem. We are looking at a wave of innovation that truly can help everybody. If we involve everybody in its creation and make sure everybody benefits, we can break down divisions that trace back to the founding of our country. The entire exercise of taking climate action is about learning from our past and figuring out how to do better.

NECEC will need to evolve and grow to meet the opportunities before us, building on the success that Peter led the organization to achieve and catalyzing on the energy of this moment:

- Set a clear vision for our role in a just transition
- Measure the impact of our work, enabling NECEC staff and members to go out there and change the world
- Partner with and amplify the voices of those most impacted by climate change
- Develop new strategies and grow our staff to put climate tech to work for the average person

So, we will lead, taking climate action steps both large and small that propel our nations toward net zero in 2050 despite barriers. We will ally with sub-national governments to realize targets our nations lack the impetus to set, we will mobilize our innovation ecosystems to drive change faster than planned, and we will reach out to create this momentum in every corner of the globe. This will all be guided by an understanding that those communities most impacted by climate change, must not only have a seat at the table, but be a driving force of that change.

I realize that's a lot of work. Yet anything truly worth doing is a lot of work.





# IMPACT IN THE NORTHEAST

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Founded in 2006, NECEC is the leading voice of the clean energy and cleantech community in the Northeast. Our mission is to accelerate the transition to an equitable clean energy economy through economic, energy, and climate solutions, and grow a world-class clean energy hub in the Northeast.

NECEC combines NECEC Institute, a 501(c)(3) charitable organization engaged in policy and regulatory planning, education, strategic communications, stakeholder convening, innovation, and market development, and the Northeast Clean Energy Council, a 501(c)(6) nonprofit business member and advocacy organization.

We bring together hundreds of leading clean energy companies across a dozen sectors, as well as entrepreneurs, startups, venture investors, policy experts, academics, and other public- and private-sector clean energy leaders to advance climate solutions through the transition to a clean economy.

We represent major clean energy companies, provide thought leadership for the industry, and engage as a trusted convener to advance the region's clean economy goals. We build strong foundations in policy and regulation. We prove which models work for sectors such as offshore wind, clean transportation, and a modernized grid. And we recognize the urgent need to share our region's clean energy experience with the rest of the world to address critical global targets.

# 2021 FINANCIALS

Below is Fiscal Year 2021 unaudited financial information consolidated for the Northeast Clean Energy Council and NECEC Institute.

## Revenue:

State Grants	\$431,000
Foundation Grants	\$675,500
Membership Dues	\$666,445
Sponsorship	\$331,250
Event Revenue	\$114,385
<u>Other Income</u>	<u>\$184,565</u>
<b>Total</b>	<b>\$2,403,145</b>

## Expenses:

Communications, Membership & Events (CME)	\$237,504
Policy & Government Affairs	\$496,346
Strategic Partner Network	\$214,076
Cleantech Navigate Northeast	\$182,042
Cleantech Open Northeast	\$342,504
Green Tie Gala	\$58,433
Operations	\$297,584
<u>Special Projects</u>	<u>\$86,324</u>
<b>Total</b>	<b>\$1,914,813</b>



# NECEC MEMBERS

NECEC is the premier voice of businesses building a world-class clean energy hub in the Northeast.

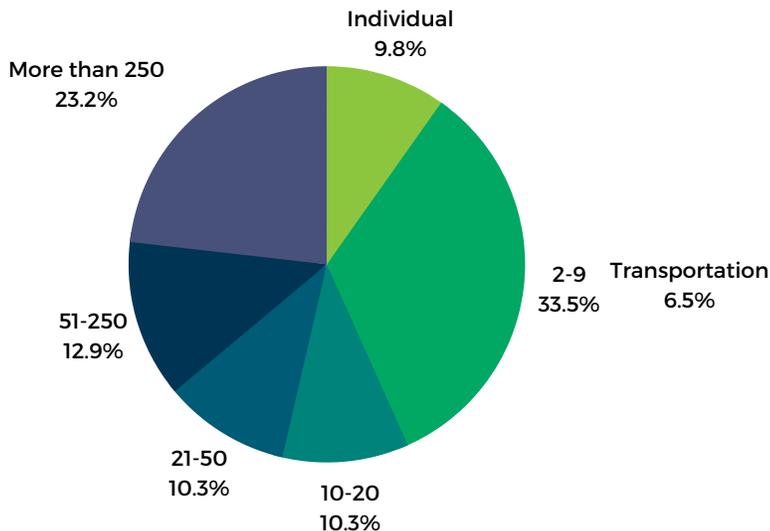
We are the only organization that covers all of the clean energy market segments in the Northeast, representing the business perspectives of investors and clean energy companies across every stage of development. Our members span the broad spectrum of the clean energy industry, including energy efficiency, demand response, renewable energy, combined heat and power, energy storage, fuel cells, advanced and “smart” technologies, and many more. In 2021, we welcomed 33 new members from across the clean energy sector, including:

Abode Energy Management  
 Arcadia  
 Bay State Hydropower Association  
 C-TEC Solar LLC  
 CarbonCure  
 Cleantech Adoption LLC  
 Cornerstone Government Affairs  
 CPower Energy Management  
 eleXsys Energy  
 Energy Safety Response Group  
 enVerid

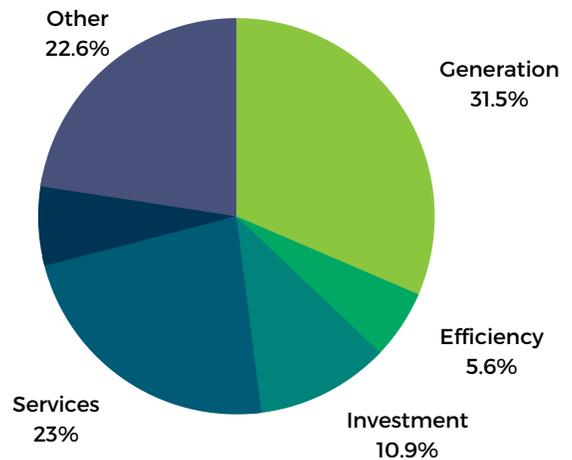
Form Energy  
 Franklin Energy  
 Freedom Energy Logistics  
 Green Banyan Consulting LLC  
 GreenStruxure  
 Hatch Data  
 JBRI Holdings  
 Jupiter Power  
 Lexden Capital LLC  
 Longroad Energy  
 Mainspring Energy Inc

New England CFO Strategies  
 NextGrid Inc.  
 NIDEC Industrial Systems - NA  
 Peregrine Renewable Energy LLC  
 Pivot Energy  
 Sagewell Inc  
 Sovations  
 Tetra Tech  
 Thistle Blue  
 UMASS Lowell  
 Unconventional Gas Solutions LLC

**MEMBERS BY EMPLOYEE COUNT**



**MEMBERS BY SECTOR**



# STRATEGIC PARTNER NETWORK

NECEC's Strategic Partner Network (SPN) is a membership network for global corporations focused on building relationships across the Northeast cleantech ecosystem. Through SPN, we help leading corporations form partnerships within NECEC's startup community and clean energy member companies to advance their energy and cleantech business strategies. NECEC hosts regular roundtables, and networking and educational events for SPN members, as well as market development sessions to grow strategic opportunities in the Northeast.

We also facilitate strategic market working groups to foster collaborative business opportunities and involve SPN members in our early-stage innovation programs, Cleantech Open Northeast and Cleantech Navigate, as sponsors, advisors, and potential partners or investors with the promising startups that participate in these programs.

## 2021 SPN MEMBERS



# SPN EVENTS

## Cleantech Financial Innovation Summit

NECEC's sixth-annual Cleantech Financial Innovation Summit, sponsored by NYSERDA and held virtually, brought together 138 leaders from finance, cleantech, and the public sector for unique discussions on the most pressing finance challenges facing the transition to a clean energy economy. Speakers from NYSERDA, New York State Department of Finance, Generate Capital, Huck Capital, Nuveen, Danish Pension fund PKA, Ascend Analytics, Orion Energy, Greenbridge, and Nephila Climate Insurance shared insights on ways to fund startups and finance projects.

## NECEC Strategic Partner Summit on Software needs for Grid Modernization and DER Integration

NECEC Convened public and private sector stakeholders to examine the role that software and information technology plays in the region's grid modernization efforts. Speakers from the Cadmus Group, Eversource, GE, Utilidata and NREL shared their insights.

## Energy Storage in the northeast-Past, present and Future

NECEC hosted the first in a series of two events focused on sharing lessons learned from energy storage demonstration projects in the Northeast. Speakers from MassCEC who sponsored the event, MA DoER, EnelX, Borrego Solar, Sunrun, US Energy Storage Association, eleXsys Energy, Evolved energy Research and Firstlight power shared case studies, lessons learned and thoughts about where the market is headed.

The second event focused on learning lessons from the Public Sector. Speakers from UMass Amherst, UMass Boston, Vineyard Transit Authority, and MMWEC shared what they had learned from the demonstration projects they deployed.



*"NECEC's Strategic Partner Network has provided Eversource with a platform to collaborate with industry leaders and energy entrepreneurs focused on tackling our global climate challenge. SPN has provided us with a guidepost for emerging industry trends and solutions, connected us with other innovative energy companies, leaders, and experts, and broadened the role we play in helping our company and the region reach carbon neutrality." - Roger Kranenburg, VP, Energy Strategy and Policy, Eversource*

*"NECEC is truly dedicated to its mission of ushering in the clean energy transition. Its leadership and its members are extremely knowledgeable and influential change makers in the U.S. clean energy sector and through SPN, NECEC has been a strong partner to our organization in supporting our clean energy goals." - James Rincon, Manager & Corporate Innovation Lead, CEO Office, Avangrid*



# POLICY & GOVERNMENT AFFAIRS

Driving policies that will accelerate the just transition to a clean energy economy remain at the heart of NECEC's advocacy efforts. Although 2021 was another COVID-impacted year, our policy efforts managed to deliver a number of successful outcomes across the region. NECEC has been active in state markets across New England and New York while also working regionally to ensure better collaboration among our states.



## Connecticut

Connecticut took major steps in 2021 to become a regional and national leader on energy storage. NECEC priority bill SB952 became law, instituting a 1,000 MW energy storage target by 2030, directed the Public Utilities Regulatory Authority ("PURA") to develop energy storage programs, and authorized the Department of Energy and Environmental Protection ("DEEP") to procure energy storage resources. The energy storage programs that PURA developed are designed to encourage the development of 580 MW of energy storage by 2030 for behind-the-meter resources. NECEC, working closely with the

Energy Storage Association ("ESA") and our members, led the industry advocacy in the docket including setting the final 580 MW program target. The storage programs are the most robust in New England and we are eager to monitor deployment and ensure the program is operating efficiently. As we look ahead to 2022, transportation policy and a decarbonized grid will be active conversations in Connecticut as NECEC continues to play a leadership role across southern New England.

## Maine

While 2021 represented another light legislative year, Maine did pass two significant bills. In June, Governor Janet Mills signed an energy storage bill—prioritized by NECEC – that sets a target of 300 MW by 2025 and 400 MW by 2030, allows the Efficiency Maine Trust to develop programs, and directs the Governor's Energy Office to conduct an energy storage market assessment. The Efficiency Maine Trust has already adopted a small, ConnectedSolutions-style program to compensate storage for peak demand reductions, and NECEC has actively been participating in the development of the market assessment. The second bill made changes to the Net Energy Billing Program. Legislators have become concerned about the potential costs of the program after program applications exceeded expectations and the state's peak load.



The industry was concerned about retroactive program changes that would endanger existing investments. After much debate, the legislature passed a bill that avoided the worst outcomes, but did set strict timelines for projects to reach commercial operation in order to remain in the program, while closing the program to new projects over 2MW. 2022 will bring additional work to refine the program and to design a successor program. NECEC has also been actively participating in Maine's Offshore Wind work, serving on the working group charged with delivering a plan for the development of a market for floating OSW technology in Maine.



## Massachusetts

In March 2021, Governor Baker signed An Act Creating a Next Generation Roadmap for Massachusetts Climate Policy, which strengthened the state's emissions reduction commitments, including implementing a net-zero by 2050 requirement. This is a foundation bill, the impacts of which will inform the upcoming 2030 Climate Plan and, thus, the state's clean energy policy for the next several decades. One important piece of this clean energy policy will be the state's solar program, SMART. Despite significant, frustrating delays, the DPU approved the expansion of the SMART Program from 1,600 to 3,200 MW. This will allow the solar industry to get back up and running in the state, as we look to design the future of solar in the Commonwealth. Another important piece of the clean energy strategy is energy efficiency. Long a leader in efficiency, Massachusetts cemented its status with the 2022-2024 three-year plan that commits to deeper savings than before, even in the face of a reduction in claimable savings from lighting, and shifts the program focus from reduction in electricity consumption to a reduction in greenhouse gas emissions. 2021 also saw the groundbreaking of Vineyard Wind 1, the first large-scale offshore wind farm in North America. After years of challenges, NECEC member Vineyard Wind finally broke ground on Cape Cod in November.

## New Hampshire

NECEC worked with our partners at Clean Energy New Hampshire on several fronts this past year. Over the past several years, New Hampshire policymakers have made changes to its net metering program and 2021 was no exception. HB 315, which expands the net-metering cap from 1MW to 5MW for certain municipal projects, was signed by Governor Sununu in August. 2021 also saw the creation of a new Department of Energy and new faces on its public utilities commission. New Hampshire's energy efficiency programs experienced a roller coaster ride with a controversial PUC decision rejecting a widely supported agreement; the legislature worked with CENH and other stakeholders at the end of the year with an eye to finding compromise in 2022.



## Rhode Island

In April, Governor Dan McKee signed the landmark Act on Climate legislation. NECEC's top priority bill for 2021, the Act on Climate commits the state to net-zero emissions by 2050, makes the commitment legally binding, and implements environmental justice considerations for the first time. This foundational bill now means that we must design the programs and policies that will be needed to reach this goal. NECEC continues to push for robust solar and storage markets, leading an effort to improve Rhode Island's interconnection standards for solar and other distributed energy projects. NECEC has also been an active participant in the development of the 2022 RE Growth Program year. We, along with our members, have been building the case to continue the Carport Adder, despite National Grid's desire to discontinue the adder.



## New York

New York continues to show climate leadership as it implements the landmark Climate Leadership and Community Protection Act. Among the pace-setting elements of the CLCPA is the Empire State's commitment to environmental and climate justice, establishing a goal that disadvantaged communities receive "forty percent of overall benefits of spending on clean energy and energy efficiency programs, projects or investments." The CLCPA also contains critical targets for solar, storage and offshore wind. In September of 2021, New York Governor Kathy Hochul announced that the NY-Sun program would target installing 10GW of solar capacity by 2030, a near-doubling of its distributed solar program. Alongside its 3GW energy storage target and 9GW offshore wind target, this represents a key pathway towards achieving the 2030 mandates set out in CLCPA.



# CLEANTECH OPEN NORTHEAST



NECEC runs the Northeast region of Cleantech Open, an annual accelerator that connects cleantech startups with education, mentoring, and guidance. As a pillar of the Northeast's cleantech innovation ecosystem, Cleantech Open Northeast has trained 523 early-stage clean technology startups through its annual business accelerator. Since it launched in 2005, 68% of Cleantech Open Northeast startups are still in business, employing more than 3,300 people, generating nearly \$280 million in revenue, and raising more than \$650 million in funds. Cleantech Open Northeast startups are increasingly diverse; 62% of the founders in the class of 2021 are women or minorities or both.

2021 was the second year that Cleantech Open Northeast ran entirely virtually, although we held a few outdoor social events in New York and Boston. The program grew with the participation of international startups from multiple countries in Europe, as well as Africa and Asia. In 2021, Princeton NuEnergy of New Jersey won the National Grand Prize! The National Finalists from the Northeast are InfiSense and STAC Technology. The four Regional Winners are Innovia GEO who also won the People's Choice Award, Osmoses who also won our first Carbon Sequestration Prize (sponsored by Sire Foundation), Princeton NuEnergy, and STAC Technology.

Peter Rothstein, President of NECEC, received a Cleantech Open Lifetime Achievement Award. He was instrumental in bringing Cleantech Open into the NECEC family in 2015, and this partnership continues to grow stronger. Cheikh Dramé is our Lead Mentor of the Year, Barbra Batshalom is Sustainability Mentor of the Year, and Pam Reid and Cordula Schmid are Rookie Mentors of the Year.

We are working with Browning the Green Space to encourage our startups to incorporate Diversity, Equity and Inclusion (DEI) into their ventures from the beginning. We are focused on building relationships with organizations that represent minority communities. With support from NYSERDA we introduced programming with the NY State Pollution Prevention Institute and Clean Energy Ventures to enable our startups to calculate their Greenhouse Gas Emissions Reduction Potential (GHG-ERP). This exercise will help them in conversations with investors that increasingly care about environmental impact. Our 2021 cohort estimates that when at scale they will collectively reduce 101 million metric tons of CO<sub>2</sub>e per year, which is equivalent to taking 22 million cars off the road.

# CLEANTECH OPEN NORTHEAST



## 2021 Cleantech Open Northeast Cohort Stats

- 50 startups
- 44 graduates
- 196 mentors
- 52 events attended by more than 2,900 people
- Startups came from MA, RI, CT, NH, VT, ME, NY, NJ, PA, and Eastern Canada in the Northeast Region, plus AL, VA, and Puerto Rico. International participants are from Denmark, Estonia, Ethiopia, France, Italy, Spain, Thailand, and the UK.
- 62% of startups had a woman founder or a BIPOC founder

## 2021 Cleantech Open Northeast startups recognized

### **Princeton NuEnergy - National Grand Prize Winner and Northeast Regional Winner**

Princeton NuEnergy (PNE) is developing a novel lithium-ion battery recycling process to directly recover and regenerate used battery materials. Compared to current industrial battery recycling processes, PNE's process is simpler, more cost effective, and more environmentally friendly. With our process, critical battery materials such as the cathode and anode can be recycled, restored, and reused in new batteries, without the need to break the materials down into the raw elements.

### **InfiSense - National Finalist and Northeast Regional Finalist**

InfiSense is a sensor and software company that provides clean, consistent, and actionable data to the businesses that are solving today's toughest problems, including decarbonization, quantifying sustainability with ESG data, and growing food indoors with higher yields and less resources. InfiSense makes it efficient and cost effective to access hard-to-reach data and immediately drive results by simplifying a complex wireless sensing ecosystem. Its customers deploy sensors at scale and pay InfiSense to ensure accurate data feeds are at their fingertips

24/7.

# CLEANTECH OPEN NORTHEAST



## 2021 Cleantech Open Northeast startups recognized

### **STAC Technology - Northeast Regional Winner**

STAC Technology invents and develops turbo-compression systems for use in large-scale cooling applications. Its patented system and novel compressors employ only water (R718) to simultaneously produce ice slurry and hot water. As a solution capable of retrofit into existing buildings, industrial processes or district heating and/or cooling networks, our system lowers energy consumption and emissions versus available solutions as well as eliminating the need to employ conventional refrigerants.

### **Innovia GEO - Northeast Regional Winner**

Innovia GEO is focused on decarbonizing how we heat and cool our buildings and homes by developing innovative renewable heating and cooling solutions. Our flagship GEOthermal Piles significantly cut the cost of implementing clean and efficient geothermal HVAC systems by integrating geothermal functionality into steel foundation piles, thereby enabling their dual use as both a foundation structure and a geothermal ground heat exchanger.

### **Osmoses - Northeast Regional Winner and Carbon Sequestration Prize Winner**

Industrial purification and separation processes account for 15% of the world energy consumption and 16% of the CO<sub>2</sub> emissions. This is because we still use energy-intensive, century-old technologies. Osmoses developed a clean solution to change this: molecular filters that can purify hydrogen, natural- and bio-gas, and can perform carbon capture at scale. It is committed to transform chemical separations and contribute to tackle climate change while generating value for our customers.



# 2021 SPONSORS

## National Sponsor



## Regional Premier Sponsors



## Regional Silver Sponsors



## Regional Bronze Sponsors



## Contributors



## Northeast Regional Affiliate



## Northeast Network Sponsor



## In-Kind Sponsors





# CLEANTECH NAVIGATE

Navigate provides startups with support resources, networking opportunities and curated connections to investors, corporate partners, utilities, and other customers through biannual connection events. In 2021, Navigate supported 500+ connections within the cleantech ecosystem. The year concluded with further development of a formal program strategy that prioritizes diversity, inclusion, equity, and justice in the Navigate network representation and the Navigate services and events.

The DEI+J strategy for Navigate will align with NECEC’s DEI+J strategy and DEI+J priorities. It will aim to outline goals for programming, attendance and partnership and address key metrics for measuring progress in these areas. The draft strategy will be introduced at the end of Q2. The strategy will continue to evolve thereafter as we prioritize the learning opportunities, connections and partnerships that will help us strengthen and educate ourselves in the multitude of areas to strengthen our position and impact.

## Investor Corporate Customer Connect (ICCC)

Navigate’s biannual Investor Corporate Customer Connect, hosted each year in June and November, brings together entrepreneurs, investors, corporations, utilities, and cities looking to pilot, invest, partner, or acquire new clean technologies.

This year, 74 startups and 66 investment firms, corporations, and customers from 15 countries attended the events for a series of curated one-on-one meetings. Navigate’s Innovation Partners are a network of 65+ incubators, accelerators, labs and innovation organizations from across the country. Innovation Partners recommend startups from their portfolios to apply to the ICCC. The startups that are invited to attend the ICCC are selected with the help of the ICCC Investor Steering Committee.

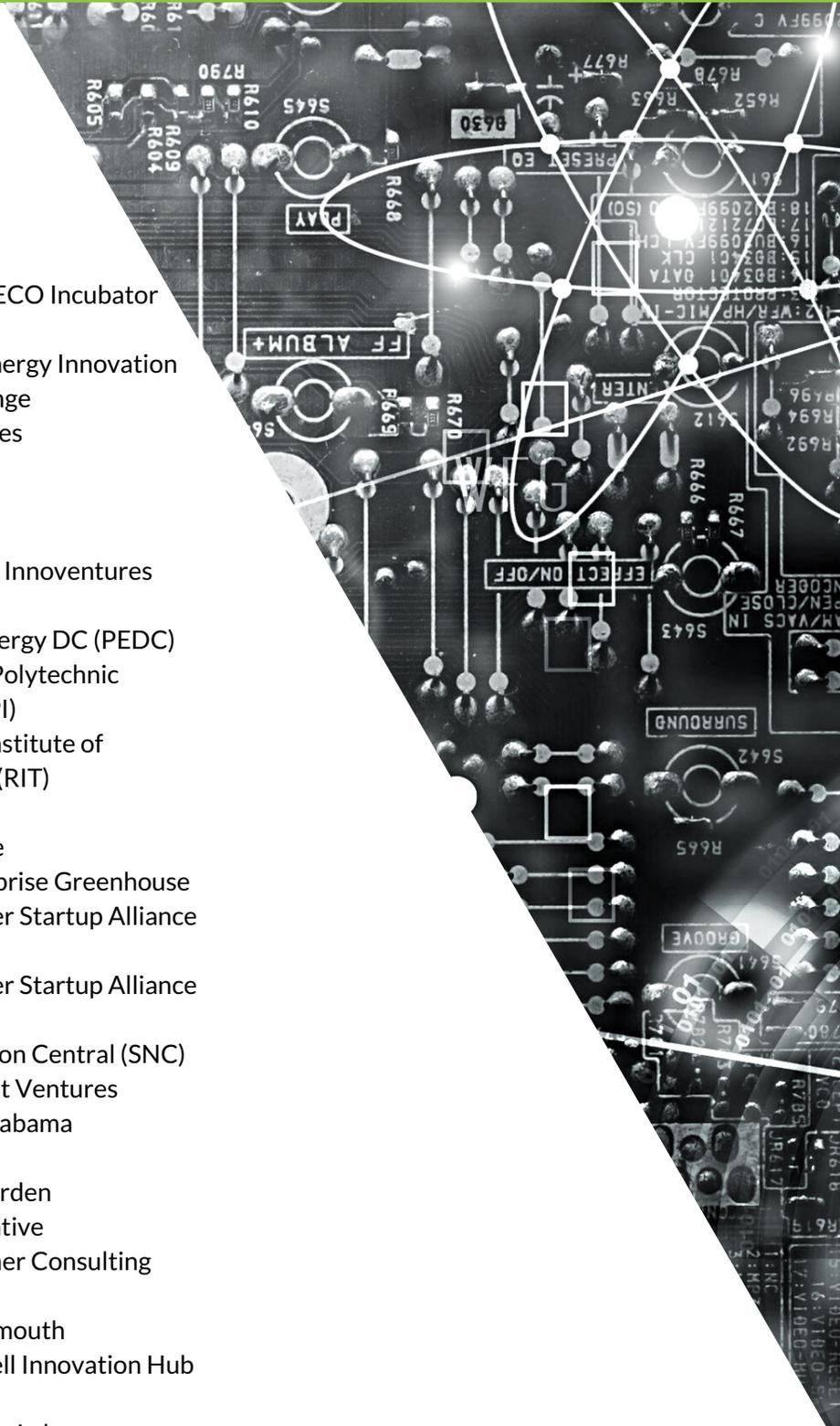
The 2021 ICCC Steering Committee included representatives from Iberdrola, Buoyant Ventures and Schneider-Electric.

## 2021 NAVIGATE SPONSORS



# INNOVATION PARTNERS

ACTION Innovation Network	LACI
Activate Fellowship	Launch NY, ECO Incubator
ATDC (Advanced Technology Development Center) at Georgia Tech	Lever
Austin Technology Incubator (ATI)	Maryland Energy Innovation
Binghamton University	MassChallenge
Blue Incubator	MassVentures
BRITE Energy Innovators	Next Corps
Brown University	NextEnergy
Business Incubator Association of NYS (BIANYS)	NextFab
Canadian Consulate of New York	North Shore Innoventures
Carnegie Mellon University	NREL
CEBIP	Potential Energy DC (PEDC)
Center for Evaluation of Clean Energy Technology	Rensselaer Polytechnic Institute (RPI)
Choose Paris Region	Rochester Institute of Technology (RIT)
CI Works	Sea Ahead
Clean Energy Business Network	SecondMuse
Clean Tech San Diego	Social Enterprise Greenhouse
Cleantech Open (CTO)	Southern Tier Startup Alliance / 76 West
Commerce RI	Southern Tier Startup Alliance / GrowNY
Company	Startup Nation Central (SNC)
Creative Destruction Lab (CDL)	TechConnect Ventures
DeltaClimeVT	Techstars Alabama
Direct Gain Consulting	EnergyTech
E2 Tech	The Tech Garden
E4All	Third Derivative
EIT InnoEnergy	Tuni Schartner Consulting
Elemental Excelerator	LLC
Evergreen	Umass Dartmouth
FORGE	UMass Lowell Innovation Hub
Greentown Labs (GTL)	UPWARD
IMPEL	Urban Future Lab
IncubatorWorks	Urban X
Innovation Studio	VilCap Investments
	WorLab



# NECEC EVENTS

Over the course of 2021, NECEC continued to host events virtually, and saw increased attendance throughout the year. Furthermore, our Emerging Trends Series events were strengthened through a partnership with National Grid, creating a series of events that highlighted many of the topics and conversations on the leadup to COP 26. NECEC also continue to deliver it's traditional slate of events such as Clean Energy Days, the Legislative Roundup, and our SPN summits. The focus of our events aim to continue growth across the clean energy economy in the Northeast.

## Clean Energy Days

Clean Energy Days are a signature event for NECEC, bringing together member companies with legislators, commissioners, and members of the executive branch to discuss the actions a state can take to forge a clean future for all residents within a given state.

In 2021, NECEC hosted events in Rhode Island, Massachusetts, Maine, and Connecticut continuing to press for meaningful progress on matters of interconnection, storage, clean transportation and other clean energy sectors.

In our conversations with policymakers in every state, we continue to communicate the goals and needs of our members for advancement of renewable clean resources, increased partnerships, and the possibility of a cleaner environment for all constituents.



## Emerging Trend Series

NECEC's Emerging Trend Series provide members in the climate tech ecosystem with a chance to learn about, and stay apprised of changes in the sectors and states that are most important to growth. Comprised of speakers across the sector, the Emerging trends series typically features panels that include public officials, start-ups, clean energy companies, and leaders in the venture capital or financial space.

In 2021, NECEC focused on topics leading up to COP 26 in the UK, partnering with National Grid to discuss offshore wind, clean transportation, and storage. Additionally, we looked at the role of software in grid modernization, the future of net-metering, and the realities of 24/7 clean energy on the grid. Over the course of the year, we hosted over 17 events, with close to 3,000 registrations in total.

## Green Tie Gala

In 2020, NECEC launched the Clean Energy Back to Work Challenge to highlight innovative projects from clean energy organizations that successfully adapted their business practices during the ongoing COVID-19 pandemic. NECEC invited businesses and organizations to nominate their best practices, pilots, innovations, and model projects for awards in five specific categories and selected 12 finalists from 22 exciting nominees.

The virtual awards ceremony was attended by more than 130 guests and featured a keynote conversation with former Massachusetts Governor Deval Patrick and a special performance by Boston Baroque.

Winners in each category included:

- **2021 Start-up Supporters of the Year Winners:** Suzanne Oakley, New England CFO Strategies and FORGE
- **2021 Emerging Company of the Year Winner:** LineVision
- **2021 Partnership of the Year Winners:** PowerOptions and Solect Energy; and RWE Renewables and Diamond Offshore Wind



## NECEC Annual Meeting

NECEC once again hosted its Annual Meeting in December 2021, working with members, funders, and stakeholders to establish goals for 2022 for our policy efforts, advancement in our innovation programs, and what events and market development we should focus on. The event also featured a debrief on COP 26 and welcomed incoming President Joe Curtatone.

# NECEC IN THE NEWS

NECEC's strategic communications efforts earned media placements in outlets like *The Providence Journal*, *Commonwealth Magazine*, *GBH*, *WBUR*, and many more in 2020. NECEC outreach garnered a total of 30 placements, featuring NECEC statements on emerging Northeast clean energy policy issues and op-eds about some of the most pressing issues in the industry today.



**CommonWealth**  
NONPROFIT JOURNAL OF POLITICS, IDEAS & CIVIC LIFE

## What's next after stunning Maine rebuke Hard energy, siting choices lie ahead

*Op-ed By Peter Rothstein, Jeremy McDiarmid, and Joe Curtatone*

Massachusetts will need to fill that clean energy void with other resources. A diversified strategy that puts eggs in many baskets will be the only viable path forward. That includes offshore wind, solar, battery storage, green hydrogen, and geothermal power.



## The Providence Journal

### RI should pass the 100% renewable energy standard bill

*By Sean Burke (NECEC) and Doug Sabetti (Newport Solar)*

This landmark legislation, which set mandatory goals for the state to reduce greenhouse gas emissions and laid the groundwork for transitioning to a majority of renewable energy resources, gives the Ocean State a once-in-a-generation opportunity to capitalize on both the climate and economic promises of clean energy.



**GBH**

## Energy Company Files Lawsuit Over Maine Referendum That Blocks Mass. Hydropower Transmission Project

*By Craig LeMoult*

Maine voters put the brakes on a project to deliver hydropower from Quebec to Massachusetts in a referendum Tuesday. The utility company behind the plan filed a lawsuit the following day, challenging the constitutionality of the ballot question...The 145-mile transmission project was opposed by some Maine environmental groups, which argued it would damage the state's woods, waters and wildlife.



**wbur**

## UN climate conference could have distinctly Mass. flair this weekend

*By Colin A. Young (State House News Service)*

Northeast Clean Energy Council President Peter Rothstein and Somerville Mayor Joe Curtatone, who will take over from Rothstein as NECEC president in January, are also Scotland-bound to participate in a panel on decarbonizing the transportation sector alongside the global head of sustainability for Volkswagen Group and others.

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A large, high-angle photograph of a solar panel array is the central focus of the page. The panels are dark with a grid of silver lines, and they are arranged in a perspective that recedes into the distance. The image is partially overlaid by a large, dark teal triangle on the left side and a lime green triangle on the top right side.

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