

Unlocking Renewable Electricity at Scale Through Collaborative Procurement

Renewable electricity remains one of the most robust mechanisms available to drive decarbonization at scale, but procuring it through mechanisms that can support additionality, such as power purchase agreements (PPAs), remains out of reach for most companies. Many leading companies, including RE100 members, have made meaningful progress in addressing their own Scope 2 emissions, but the bigger challenge now sits in Scope 3, where progress depends on enabling real action across value chains. That makes access to credible renewable electricity solutions increasingly important not only for individual companies, but for whole supply chains more broadly. The challenge is that impactful renewable electricity contracts such as PPAs are typically accessible only to companies with sufficient scale, internal expertise, and financial strength to participate effectively as counterparties. In practice, renewable energy attribute certificates (EACs) are often the only available route for many companies to access renewable electricity. While certificates can play a role, they do not provide the same long-term price resilience or the same contribution to bringing new renewable energy capacity online. That is the gap this model led by SE Advisory Services, Schneider Electric's global consulting practice is designed to solve. Today, this model has touched over 100 companies globally.

From Education to Action

At SE Advisory Services, we address that gap through a model built around two connected pillars: **education and action**. The education pillar helps companies understand the renewable electricity options available to them, the implications of those options, and the decisions required to define a credible path forward. This matters because many companies are interested in PPAs, but don't have the knowledge or internal alignment needed to take action through procurement.

Once companies are ready to move beyond learning, we support them through a multi-buyer PPA cohort model that makes renewable electricity procurement more accessible and more cost-effective. The core challenge for many participants is not a lack of intent, but a lack of scale. On their own, they often lack enough electricity demand to pursue PPAs in a way that is commercially viable. By aggregating consumption of several companies in a multi-buyer PPA cohort, we establish a shared route to procurement, creating access to solutions that many participants would otherwise not be able to access independently.

From Learning to Implementation

One recent example is Givaudan, which participated in the Pep+ Renew supply chain decarbonisation program led by PepsiCo. Through the program, Givaudan engaged in

renewable electricity education and later participated in a multi-buyer PPA cohort, illustrating how this model can help companies move from learning to action. Reflecting on the experience, Willem Mutsaerts, Head of Global Procurement and Sustainability at Givaudan, said:

“This agreement is a compelling example of how we are bringing to life sustainable growth with customers. By joining forces on renewable electricity in this way, we are translating shared ambitions into tangible climate action, helping power our progress toward a low carbon future.”

<https://www.pepsico.com/newsroom/press-releases/2026/pepsico-givaudan-smurfit-westrock-statkraft-sign-10-year-renewable-energy-agreement-across-europe>

The model creates a repeatable pathway from learning to implementation. Instead of leaving each company to navigate PPA procurement in isolation, the cohort approach combines upskilling, demand aggregation, knowledge sharing and coordinated execution in a single model. That is what makes it stronger than fragmented one-company efforts. It simplifies the route to action and enables a broader group of companies to pursue renewable electricity through mechanisms that can support new project development.

This is relevant not only from a decarbonization perspective, but from a resilience perspective. Mechanisms such as PPAs can help companies manage electricity price exposure and reduce vulnerability to market volatility, making the transition to renewable electricity sustainable over time, because it supports decarbonization while also mitigating cost uncertainty concerns. In that sense, the cohort model is not just a route to cleaner electricity, it's also a risk-mitigation tool.

Energize as an Industry Decarbonisation Blueprint

This model can be used not only to help one company work with its own suppliers, but also to support decarbonisation across an entire sector. Energize is a clear example of that broader application. Energize, a pharmaceutical and healthcare supply chain decarbonisation program, is designed to help companies accelerate renewable electricity adoption across a shared value chain. In Energize, the 27 companies deploying the program, referred to as program sponsors, engage their most relevant suppliers and invite them to join the program, where they can build their understanding of renewable electricity at no cost. Through the program, suppliers can also access more cost-effective routes to renewable energy procurement through aggregated pathways such as multi-buyer PPA cohorts.

Energize provides a non-compete environment in which companies across the pharmaceutical and healthcare value chain can collaborate to drive decarbonisation through renewable electricity adoption. The program has reached 1,000 suppliers and has demonstrated how collaborative sector-wide initiatives can create a more credible

and scalable route to renewable electricity adoption by aggregating demand and aligning around shared execution pathways. A [recent video documenting cohort participants visiting an operational renewable energy project](#) provides visible proof of how this kind of collaboration moves beyond theory into implementation.

Scalable Across Industries and Geographies

SE Advisory Services has also been able to recreate this approach across other industries, including sectors such as semiconductors and fashion, as well as programs built around individual sponsor companies seeking to enable renewable electricity procurement within their own supply chains. The impact of the model doesn't sit within one branded initiative, but rather lies in the repeatability of the mechanism itself across industries and geographies, advancing the construction of new renewable energy infrastructure globally.

Across these programs, the multi-buyer cohort model has already enabled the signing of 38 PPAs, securing more than 1.4 TWh of renewable electricity from new generation capacity across Europe and North America, with a further 5 TWh expected to come online in the next 2–3 years, including in evolving markets such as Mexico and South Korea. The model is enabling procurement mechanisms that support additionality and helping drive new renewable energy development at scale.

Expansion into High-Impact Markets

The significance of this model is also visible in where expansion is rapidly occurring. Building on experience in established markets, SE Advisory Services is now advancing the first pan-India multi-buyer cohort, extending this approach into one of the most carbon-intensive electricity markets in the world. This shows the model is not limited to markets where renewable procurement is already mature and easy to access, but can also be replicated into more challenging markets, where the need for scalable, collaborative approaches may be even greater. This is particularly relevant for RE100 because it shows why collaboration is essential to accelerating renewable electricity adoption beyond a company's own operations.

Redefining Renewable Energy Leadership

Leadership in renewable energy is no longer only about decarbonizing a company's own operations, but about empowering others to act by enabling renewable electricity adoption across peers and value chains. This approach does exactly that: by helping companies build the knowledge and access needed to move from education to action, it turns collaboration into real impact.

This is how collective action becomes real-world impact.