



Life Is On



PRESS RELEASE

ENEL AND SCHNEIDER ELECTRIC JOIN THE WORLD ECONOMIC FORUM IN LAUNCHING THE TOOLBOX OF SOLUTIONS FOR URBAN TRANSFORMATION: 200+ DECARBONIZATION SOLUTIONS FOR CITIES

Rome (Italy) and Rueil-Malmaison (France), 22nd September 2021 – [Schneider Electric](#), the global leader in the digital transformation of energy management and automation which was named the [world's most sustainable corporation by Corporate Knights Global 100 Index](#) in February 2021 and the [Enel Group](#), the multinational power company and leading integrated player in the global power and renewables markets, join the [World Economic Forum](#) (WEF), the International Organization for Public-Private Cooperation, to announce the launch of the beta version of the [Net Zero Carbon Cities Toolbox](#) at the [Sustainable Development Impact Summit \(20-23 September 2021\)](#).

This digital platform contains a range of decarbonization solutions to foster urban transformation, across energy, buildings, mobility, water, and waste management. Users are guided through a process to identify and prioritize the solutions that better answer their specific needs. This database of solutions comprises policy, business, and finance models that result in reduced emissions, and create local value such as green jobs and improved air quality.

The beta version brings together over 200 real-life case studies and solutions from over 110 cities across the world. Access to the Toolbox of Solutions is open to all, in particular, it is aimed at city leaders, national government leaders, and businesses. Users can browse the database and search solutions based on attributes or to address their most pressing local challenges.

“As this tool, and the solutions contained within, show, the technology to decarbonize our cities exists today. When it comes to deployment, we must think beyond just public infrastructure and towards all buildings, notably our existing building stock. Retrofits programs play an important part in the transition to net zero cities”, said **Jean-Pascal Tricoire**, Chairman and CEO of Schneider Electric.

“Clean electrification is paving the way to the decarbonization of the economy while promoting a sustainable urban transformation, and, with today's technologies and know-how, we have the tools to succeed and a unique opportunity to make a difference,” said **Francesco Starace**, CEO and General Manager of Enel Group. *“The Toolbox of solutions is a great instrument for the business world and policymakers, as it provides integrated energy solutions to contribute to a more prosperous and resilient society. As a global leader in the power sector, Enel is constantly working with global partners to help drive scaled action towards a more sustainable and inclusive future”.*

Included in the Toolbox of Solutions, the users will find integrated solutions from Enel aiming to deliver decarbonized, sustainable, and resilient urban ecosystems in cities across the world. With a focus on smart energy infrastructure, Enel's Open Meter is the new generation of smart meters reflecting the most recent developments in the market and technology in the field of advanced metering and power grids remote management. In Italy alone, where the technology will reach more than 35 million customers by 2025, this second-generation smart meter device allows the collection of more than 7,000 billion data



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points per year, including almost real-time use and electrical parameters to enable big data analytics for the grid. It is a digital enabler that improves customers' awareness and understanding of their electricity-consumption habits and favors more efficient and sustainable consumption models. In addition, it allows consumers to take a proactive role in monitoring and controlling appliances such as solar rooftop, home automation, and electric mobility, promoting new advanced energy services diffusion. In line with the Group's circular economy approach, the Open Meter is designed and manufactured using regenerated plastics, emitting 6% less CO₂ and producing 122g less waste for each Open Meter vs. a conventionally produced meter.

Several solutions successfully implemented by Schneider Electric are also included in the platform. They highlight, in particular, how energy efficiency can drive both energy and material savings, which can be reinvested in city infrastructure and community projects, including infrastructure retrofits and upgrading municipal buildings with HVAC systems and smart automation controls. For example, in Holland, Michigan in the United States, the city leaders partnered with Schneider to embed energy goals into their master energy savings plan, to address infrastructure retrofits while achieving sustainability goals, thus helping all the city's residents reduce energy usage by 30% to 50%.

The Toolbox is the third deliverable of the "Net Zero Carbon Cities" program; a WEF initiative whose objective is to align and scale efforts across businesses, cities, and national-level governments to deliver urban ecosystems which are sustainable, resilient, and equitable. The program is co-chaired by Mr. Jean Pascal Tricoire, Chairman and Chief Executive Officer, Schneider Electric, and Mr. Francesco Starace, CEO and General Manager of Enel Group.

Last week the initiative also published a briefing paper on [Urban Transformation: Integrated Energy Solutions](#) showing how the built environment and mobility can serve as the foundations to kickstart urban transformation and decarbonization anywhere in the world.

About Enel

Enel is a multinational power company and a leading integrated player in the global power and renewables markets. It is the largest European utility by ordinary EBITDA, and is present in over 30 countries worldwide, producing energy with around 89 GW of installed capacity. Enel distributes electricity through a network of over 2.2 million kilometers, and with around 75 million end users is the 1st network operator globally¹. Enel Green Power is the world's largest renewable private player, with around 50 GW of wind, solar, geothermal, and hydropower plants installed in Europe, the Americas, Africa, Asia, and Oceania. Enel X, Enel's global advanced energy services business line, is the worldwide demand response leader, with a total capacity of around 7.4 GW managed globally; the company has installed 137 MW of storage capacity as well as, in the electric mobility sector, about 232,000 EV charging points² around the globe.

¹ Publicly owned operators not included.

² Public and private charging points, including interoperability points.

About Schneider Electric

Schneider's purpose is to **empower all to make the most of our energy and resources, bridging progress and sustainability** for all. We call this **Life Is On**. Our mission is to be your **digital partner for Sustainability and Efficiency**. We drive digital transformation by integrating world-leading process and energy technologies, end-point to cloud connecting products, controls, software and services, across the entire lifecycle, enabling integrated company management, for homes, buildings, data centers, infrastructure and industries. We are the **most local of global companies**. We are advocates of open standards and partnership ecosystems that are passionate about our shared **Meaningful Purpose, Inclusive and Empowered** values.



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