

# Schneider Electric, Enel and the World Economic Forum Publish 'Net Zero Carbon Cities: An Integrated Approach' Report



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BOSTON, Jan. 14, 2021 /PRNewswire/ -- Schneider Electric, global leader in the digital transformation of energy management and automation, the Enel Group, multinational power company and leading integrated player in the global power, gas and renewables markets, and the World Economic Forum (WEF), the International Organization for Public-Private Cooperation, have published the first deliverable of the "Net Zero Carbon Cities - Systemic Efficiency Initiative"; a global framework setting the vision to accelerate the decarbonization and resiliency efforts in cities around the world.

Entitled "Net-Zero Carbon Cities: An Integrated Approach", and developed in collaboration with the WEF, the report outlines the need and benefit deriving from an integrated energy approach in planning and managing buildings, mobility, leveraging on a digitalized and intelligent grid infrastructure in an urban context.

Cities today account for nearly 70% of global carbon emissions and consume 78% of the planet's energy, making such an approach critical to reaching the goal of limiting the rise in global temperatures to 1.5°C above pre-industrial levels.

"The COVID-19 crisis has reinforced the importance of global partnerships as we strive to make our cities and societies more sustainable, inclusive and resilient," said **Jean-Pascal Tricoire**, Chairman and CEO of Schneider Electric. "Curbing emissions from the world's cities requires urgent action, and it is an

ambition that will need alignment of all stakeholders, both public and private actors, companies and citizens. This report outlines the ways in which systemic efficiency can be realistically and practically achieved, and how each of us can play a part."

"To ensure a successful energy transition, we must work together, calling on local and national public administrations, private sector players and civil society to take on the common agenda of reducing our emissions," said **Francesco Starace**, CEO and General Manager of Enel Group. "Electricity has already proved to be the lifeblood of cities, and this will increasingly be the case as electrification grows around the world. As a global leader in the power sector, we want to contribute to the development of a sustainable urban vision for the future by working with global partners to integrate electrification, smarter digital technology as well as efficient buildings and infrastructure."

The report was developed within the WEF's Net Zero Carbon Cities - Systemic Efficiency Initiative, co-chaired by Mr. Tricoire and Mr. Starace. Since the initiative's launch a year ago, Schneider and Enel have been working with the community to accelerate the transition to net-zero carbon emissions in 100 cities by 2030.

It articulates the need for an integrated approach to improving energy productivity, electrifying transport, decarbonizing heating and cooling systems, as well as enabling demand-side flexibility, in addition to providing concrete recommendations and instructive experience-sharing around these concepts. Mr. Tricoire and Mr. Starace are also to illustrate these ideas during the panel for Building "Net-Zero" Cities, which will be held on Monday January 25th, 10:00-11:00 CET (The Davos Agenda).

The framework paper – as the first deliverable of this cooperation – is kicking off a list of future deliverables, among them; toolkits, interactive digital platform and building & cities metrics to measure the progress of cities towards a green and sustainable transition. Each deliverable will be the result of a close collaboration between major cities and several mayoral networks, as well as high-level representatives from academia, non-governmental organizations, industry and finance.

The report can be found [here](#).

## About Enel

**Enel** is a multinational power company and a leading integrated player in the global power, gas, and renewables markets. It is the largest European utility by ordinary EBITDA, and is present in over 30 countries worldwide, producing energy with over 87 GW of installed capacity. Enel distributes electricity through a network of over 2.2 million kilometers, and with more than 74 million business and household

end users globally, the Group has the largest global customer base among its European peers. Enel's renewables arm Enel Green Power is the world's largest renewable private player, with over 47 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 over 6 GW managed globally; the company has installed around 116 MW of storage capacity as well as, in the electric mobility sector, it has made available more than 170,000 public and private EV charging points worldwide.

## 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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