PRESS RELEASE

ENEL X LAUNCHES CO_2 CITY INDEX TO SUPPORT ZERO-EMISSION URBAN DEVELOPMENT IN ITALIAN MUNICIPALITIES

- *The new digital solution developed by Enel X, available free of charge on the YoUrban portal, enables local authorities to get estimates of anthropogenic CO_2 emissions, helping them to better define a customized decarbonization strategy for each Italian city*

Rome, June 6th, 2022 - To give an overview of the estimated anthropogenic CO_2 emissions in each Italian municipality and calculate the changes in this value over the last 20 years to support sustainable urban development. The is the goal of Enel X, which has launched the CO_2 City Index, an indicator developed entirely on the basis of Open Data, available to local authorities free of charge via the Enel X YoUrban portal. The indicator is featured on an interactive map that makes it easy to navigate historic emission levels and trends for each micro-district of Italy's 7,904 municipalities. Given the importance of the sustainable growth of urban ecosystems, the CO_2 City Index is an invaluable support tool for establishing customized strategies of innovative carbon-neutrality measures for cities.

Francesco Venturini, Head of Enel X, explained, *"The CO_2 City Index is a tool designed to support local Italian authorities in building more innovative and sustainable urban ecosystems. With this index, which integrates the portfolio of technology solutions developed for municipalities, we offer authorities simple and intuitive indicators based on Open Data related to CO_2 emissions, paving the way, where necessary, for measures to improve residents' quality of life."*

Enel X's CO_2 City Index is calculated by exploiting open data and models from the ODIAC (Open-source Data Inventory for Anthropogenic CO_2) project from Japan's National Institute for Environmental Studies (NIES), which allow national CO_2 emissions to be correlated with local urbanization factors measured via satellite, such as night-time luminosity. The analyses make it possible to estimate anthropogenic CO_2 emissions up to a resolution of 1 km² for all Italian districts, which are then aggregated in relation to the administrative boundaries of Italian municipalities to also provide a view of municipal CO_2 emissions based on both land area and resident population. The index is part of the broader package of solutions based on the analysis of Open Data implemented by Enel X in support of Italian municipalities, which began with the launch of the Circular City Index, which measures the readiness of our cities for urban circularity, and the 15 minute City Index, which provides a functional view of proximity urban planning, to bring our municipalities closer to the 15 minute city model.

For more information and free portal registration for local authorities, visit:
https://www.enelx.com/it/it/istituzioni/sostenibilita/open-data-pubblica-amministrazione/co2-city-index

To take part in the official launch webinar on 13 June 2022 at 11 a.m., visit:
LINK WEBINAR CO2 CITY INDEX

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Enel X Global Retail is the Enel Group's global business line that offers services to accelerate innovation and drive the energy transition. World leader in the sector of advanced energy solutions, Enel X Global Retail manages services such as demand response for approximately 6.6 GW of total capacity globally and 59 MW of behind-the-meter storage capacity installed worldwide. Through its advanced solutions, including energy management and financial services, Enel X Global Retail provides each partner with an intuitive and personalized ecosystem of technological platforms and consulting services, focused on the principles of sustainability and the circular economy in order to provide people, communities, institutions and companies with an alternative model that respects the environment and integrates technological innovation into daily life. Each solution has the power to transform the goals of decarbonization, electrification and digitalization into sustainable actions for all, in order to build a more sustainable and efficient world together.