Enedis, a key player in regional development, provides power and connects new facilities to the distribution network, as demonstrated by two major projects in the region: **CAP 2020**, supported by the Grand Port Maritime de Dunkerque (GPMD), and **E-Valley**.

Totalling 350 hectares of logistics zones, CAP 2020 concerns the construction of a deepwater port which aims to multiply by 7 the number of containers to be received by 2032 and attract international shipping companies to Dunkirk. The need to offer potential customers a turnkey solution, including the provision of power, was made concrete by the signing of a quadripartite agreement on 24/01/2019, in which Enedis and RTE (Réseau de Transport d'Electricité) undertook to build an electrical substation "in advance" within 3 years. An industrial challenge that has been met: the first customers are arriving, including Clarebout Potatoes and Verkor, a battery producer. The capacity of the substation will soon be increased with the installation of a second 70-megawatt transformer.



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Mr. Pagès

E-valley is the largest e-logistics base in Europe, built on the site of the former 103 Cambrai-Epinoy air base to serve as a hub with its 320 hectares, 550,000 m² of warehouses and 300,000 m² of land reserves. Its power supply meets the development challenges of the area and anticipates the medium-term connection with the largest intermodal platform of Marquion of the Seine-Northern Europe Canal, whose works should be completed in 2028. La Redoute has announced that it will move to the site this year.



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Enedis, a key player in the ecological transition

Enedis integrates nearly 95% of the renewable energy produced in Hauts-de-France into the public distribution network, i.e. nearly 5,300 MW of wind power and 350 MW of solar power. The public distribution network and its **Linky** infrastructure are also at the heart of the development of new uses of electricity: electric mobility and connection of terminals, development of individual and collective self-consumption, and tomorrow’s development of local energy communities pooling production and consumption of electricity.

Enedis in Hauts-de-France is the national leader in this area with nearly thirty projects underway. The data collected from Linky meters also enables it to offer local authorities a range of regulated services to support public policies to combat fuel poverty, energy renovation and regional planning.

Innovation and Smart Grids

Ranked first in the **Smart Grid Index**, Enedis is the world leader in electricity distribution. This leadership is supported in the region by several demonstrators: **So Mel So Connected**, piloted by the European Metropolis of Lille, **Groupee 4.0**, which tests a “Vehicle To Grid” model, and **Reflex**, which aims to massively integrate renewable energies into the grid in the Somme and develop new flexibilities.



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Regional development and circular economy

Finally, Enedis acts in accordance with the guidelines of the **Third Industrial Revolution** programme (REV3), promoted by the President of the Region Xavier Bertrand. This is illustrated by the installation of Very High-Speed fibre optic cable as a common support in order to reinforce the attractiveness of the territories and to generate economies of scale for the local authorities of the order of €200 million.

Enedis is also very involved with start-ups such as **HIVE Electric**: created in 2019, this young company is potentially a “Game Changer” in the battery market thanks to a lithium-iron-phosphate transition technology and a metal-ion breakthrough technology. Enedis is also working in a spirit of circular economy via the development of local recycling channels. A global commitment!

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