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« The energy revolution: towards a new world of energy »

By Isabelle KOCHER – General Manager of ENGIE



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« The world and France in particular is undergoing a veritable energy revolution that commits us all to rethinking our actions. A dual world is shaping up for 2050: 50 % of the energy produced by big plants and delivered by big networks and 50 % decentralised energy, produced close to the consumer sites in the heart of the regions. ENGIE has included the challenges raised by this revolution in its strategy and has here and now entered a process of transformation with three objectives. Refocusing our business portfolio: 15 billion euros of sales are planned over a period of three years (in particular of coal power plants). Investing 22 billion euros in renewable energies, energy networks and decentralised solutions. Speeding up the mastery of the technology in a world of connected objects: 1.5 billion euros will be devoted to the emerging technologies - solar, green gas, hydrogen, and digital – the catalysts of our transformation.

Our objective is to attain 25% renewable energy in our production capacities throughout the world as early as 2020. In France, with nearly 60% of electricity production from renewable sources, ENGIE is the leading producer of solar and wind energy and the leading alternative energy producer for hydraulic power. The technological advances associated with the progress made in the storage of electricity make solar energy one of the most competitive renewable energy solutions. Biogas, a decarbonized and local energy, is also one of the vehicles of the energy transition. Injected into the networks and used for mobility and heating, biomethane will play an increasing role in France in the coming years. ENGIE and its subsidiaries are present throughout its value chain.

In collaboration with the local ecosystems, ENGIE is taking part in the design of the « Cities of tomorrow »: more intelligent and eco-efficient than those of today, but also more reliable and sustainable. ENGIE's experts conceive and manage on a daily basis innovative solutions for the cities,

whatever their size: local and decentralised production of energy (combined solutions of solar production, storage and leading edge technologies of micro-networks), management of the smart networks, search for energy performance and smart management of buildings, sustainable mobility, public lighting, use of dashboards for urban piloting, management of traffic, security or e-health. Thus the use of new technologies, in particular numerical and digital, will enable the regions to have sustainable and measurable management of their services at a controlled cost, contributing to a reduction and an optimization of the expenditure of the local authorities. »

See you at 11.45 a.m. on Thursday 26 January at the Energy Transition Conference to attend the political round table «Tomorrow, energy for everyone: what solidarity between citizens, between regions? ». Among the contributions awaited: **Alain Rousset** - *Chairman, Nouvelle-Aquitaine Region*, **Alain Juppé** - *Mayor of Bordeaux, Chairman of Bordeaux Métropole*, **Patrice Vergriete** – *Mayor of Dunkirk, Chairman of the Urban Community*, **Laurent Michel** - *Director General for Energy and Climate, Ministry of the Environment, Energy and Maritime Affairs*, **Isabelle Kocher** – *General Manager, ENGIE* **Gert De Block** – *Secretary-General, CEDEC, European Federation of local energy companies*, **Denis Voisin** – *FNH Spokesman* and **Anne Bringault** – *Energy Transition Manager, Climate Action Network*.

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