



ENGIE invests S\$80 million in Centre of Expertise to drive digital and energy efficiency initiatives in Singapore

Investment will create 170 jobs for skilled workers

SINGAPORE, 22 March 2018 -- ENGIE will invest S\$80 million over the next five years in Singapore to develop its Centre of Expertise for District Cooling and to drive digital initiatives and technical competencies in energy efficiency for the region. Singapore's Smart Nation initiatives will provide ENGIE with an opportunity to test new solutions in real cases and to establish one of its main regional development platforms for district cooling systems. ENGIE's latest expansion, supported by the Singapore Economic Development Board (EDB), will increase its workforce, which currently stands at 1,600, by another 170 highly skilled employees, mostly engineers.

Since establishing its presence in Singapore two decades ago, ENGIE's latest investment cements the city state as ENGIE's innovation hub for the Asia-Pacific. This new injection will be channelled towards the creation of a Centre of Expertise for District Cooling that will support the development of new, innovative district cooling projects in Singapore and in the Asia-Pacific region. ENGIE is a major player in highly efficient cooling networks, that are typically 50% more energy efficient than individual cooling solutions and generate 50% less CO₂. ENGIE operates more than 320 low-carbon urban heating and cooling networks in 20 countries, such as China, Malaysia, The Philippines and New-Zealand. Singapore will become one of ENGIE's main regional development platforms, besides existing operations in the Middle East, Western Europe and North America.

In addition, ENGIE will develop and roll out digital solutions and services across Asia-Pacific, from Singapore, to harness real-time data and insights. This will help customers manage and improve energy efficiency, maximise performance, and create better ambient experiences for their end-users. These digital initiatives include:

- AVRIL Digital which is a digital platform that can provide initial and predictive analysis to manage efficiency of data centres. This service will be launched in the second quarter of 2018.
- Digital IoT (Internet of Things) and remote monitoring platforms which will provide real time data reporting and insights on the environmental conditions of critical facilities such as hospitals, hotels or airports, to create optimal comfort and improve energy efficiency.
- ENGIE iBMS which is an integrated building management system providing real-time data on all equipment and condition such as room temperature and quality of air.
- Digitalization of its facility management processes, through computerized management solutions.



Isabelle Kocher, CEO of the ENGIE Group, said: *“Together with governments, citizens, customers and businesses, we co-create smart solutions to increase energy efficiency, and to improve the quality of life. Singapore’s vision to be a Smart Nation and its leadership in sustainability, innovation and ease of doing business, make it an obvious choice to continue to build and test our innovations there.”*

“Singapore has been accelerating efforts to develop digitalisation as a key competency across the different sectors in our economy. ENGIE’s decision to anchor its Centre of Expertise in Singapore to drive digital and energy efficiency initiatives in the region is a strong vote of confidence in our capabilities. At the same time, this centre will also help groom more Singaporeans to participate in this area of growth,” said Dr Beh Swan Gin, Chairman, EDB.

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About ENGIE

ENGIE is committed to taking on the major challenges of the energy revolution, towards a world more decarbonised, decentralised and digitalised. The Group aims to become the leader of this new energy world by focusing on three key activities for the future: low carbon generation in particular from natural gas and renewable energy, energy infrastructure and efficient solutions adapted to all its customers (individuals, businesses, territories, etc.). Innovation, digital solutions and customer satisfaction are the guiding principles of ENGIE’s development. ENGIE is active in around 70 countries, employs 150,000 people worldwide and achieved revenues of €65 billion in 2017. The Group is listed on the Paris and Brussels stock exchanges (ENGI) and is represented in the main financial indices (CAC 40, BEL 20, DJ Euro Stoxx 50, Euronext 100, FTSE Eurotop 100, MSCI Europe) and non-financial indices (DJSI World, DJSI Europe and Euronext Vigeo Eiris – World 120, Eurozone 120, Europe 120, France 20, CAC 40 Governance). For further information, visit www.engie.com

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