



## **Siradel, with ENGIE, is providing innovative solutions to design efficient and sustainable 5G networks**

**Mobile World Congress 2022, Barcelona, Feb. 23<sup>rd</sup> 2022.**

**Siradel, expert in wireless network and Smart City planning, and its mother company, ENGIE, the world's leading provider of low carbon energy, will be showcasing their unique solutions portfolio to support mobile operators worldwide in their journey to design and deploy more sustainable and efficient 5G networks at the upcoming Mobile World Congress edition.**

Connecting everything, everyone, everywhere, 5G networks, with higher data traffic and new connected services co-developed with other industries, bring new challenges related to energy consumption, energy cost and CO2 emissions which have become major issues for the telecom industry.

To address these challenges, Siradel and ENGIE are providing innovative solutions to assist telcos in their network design and development for smarter cities, encompassing:

- Accurate 3D GIS modeling and 3D City Digital Twins production worldwide
- Smart City planning platforms to design and visualize all urban networks
- 4G/5G network planning capabilities based on the best-in-class RF propagation model, Volcano
- Green energy for RF sites, data centers and for edge computing
- CO2 footprint impact valuation.

As 3D City Digital Twins deliver a comprehensive vision of territories, including connectivity quality is an integral and important aspect of any smart city approach for holistic urban and infrastructure transformation.

With such an integrated approach combined with cutting-edge technologies and tools, telecom operators can benefit from efficient solutions, throughout their operations, to meet their performance, cost-effectiveness and carbon footprint reduction objectives.

“Assisting telecom operators in their network planning and optimization for nearly three decades, we create comprehensive, robust and scalable solutions, adapted to their needs and challenges to deploy new wireless and fixed networks. At a time where decarbonization and greener energy for their networks have become critical issues for telcos, participating with ENGIE at Mobile World Congress 2022 appeared as a clear and timely opportunity to meet telcos leaders and present our vision and dedicated solutions for a smarter, reliable and resilient connectivity”, says Laurent Bouillot, CEO of Siradel.

“The mobile industry showed outstanding leadership in being one of the first to align itself to the goals of the Paris Climate Agreement. ENGIE is committed to be the strategic partner of the Mobile industry to achieve its race towards carbon neutrality.”, says Cécile Prévieu, EVP in charge of Energy Solutions at ENGIE.

Meet Siradel and ENGIE at booth **G16, Hall 5** from February 28 to March 3 to learn more about their solutions for solving cities and operators current and future connectivity challenges.

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### **About Siradel**

Siradel provides innovative 5G and Smart City planning solutions that enable holistic assessment, intelligent design and decision-making and smart services delivery. Siradel is a business unit of the ENGIE Group (57.9B €, 170,000 employees), the global reference in low-carbon energy and services towards a neutral carbon and all-connected world.

Bringing its long-term expertise in GIS data production, RF expertise, City Digital Twins, 3D modelling, simulation, data visualization and software development, Siradel works closely with mobile operators, cities and industries in more than 60 countries, for the building of more connected and resilient cities and territories.

### **About ENGIE**

Our group is a global reference in low-carbon energy and services. Together with our 170,000 employees, our customers, partners and stakeholders, we are committed to accelerate the transition towards a carbon-neutral world, through reduced energy consumption and more environmentally-friendly solutions. Inspired by our purpose (“raison d’être”), we reconcile economic performance with a positive impact on people and the planet, building on our key businesses (gas, renewable energy, services) to offer competitive solutions to our customers.

Turnover in 2021: 57.9 billion Euros. The Group is listed on the Paris and Brussels stock exchanges (ENGI) and is represented in the main financial indices (CAC 40, Euronext 100, FTSE Eurotop 100, MSCI Europe) and non-financial indices (DJSI World, DJSI Europe, Euronext Vigeo Eiris - Eurozone 120/ Europe 120/ France 20, MSCI EMU ESG, MSCI Europe ESG, Euro Stoxx 50 ESG, Stoxx Europe 600 ESG, and Stoxx Global 1800 ESG).

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