



EU 5G Communication Green Base Station Project

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Focusing on Dresden as a Lead City, we explore the integration of 27 innovative solutions, including autonomous freight transport, eBuses, and charging robots, using a 5G ...

Projects that develop AI-tools as part of their research method are included.

This paper presents a European-wide techno-economic and environmental assessment of retrofitting 5G macro-cell base stations with grid-connected solar photovoltaic (PV) systems. ...

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Ericsson made a point of its green credentials at the recent Mobile World Congress, and launched a "green" base station design back in 2007. Its commitment extends from materials used in ...

The European research project ONE5G* focuses on boosting the capacity of mobile networks, improving their energy efficiency and enabling a variety of new vertical use cases in dense ...

The 6Green project aims to conceive, design, and realize an innovative service-based and holistic ecosystem, able to extend "the communication infrastructure into a sustainable, ...

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Mobile traffic volume is increasing by around 10 % every year. The infrastructure needed to support this - 5G base stations as well as end devices (mobile terminals, sensors and ...

The 5G-PPP is now in its third phase where many new projects were launched in Brussels in June 2018. The 5G PPP will deliver solutions, architectures, technologies and standards for the ...

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