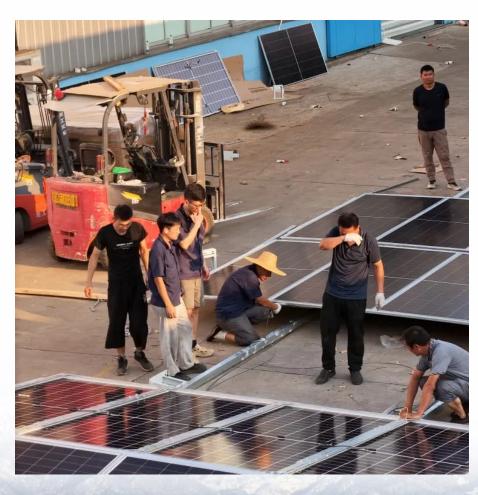
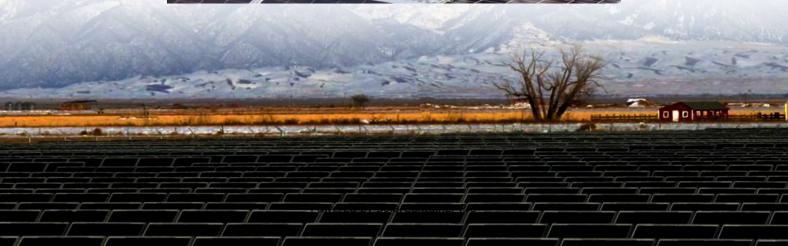


# Latvia s regulations on installing green base stations for communications







#### **Overview**

Did Latvia transpose directive 2018/1972?

However, the majority of EU member states, including Latvia, failed to transpose Directive 2018/1972 establishing the European Electronic Communications Code in time. The new ECL was finally accepted in Latvia in its final reading on 2 June 2022.

Are green cellular base stations sustainable?

This study presents an overview of sustainable and green cellular base stations (BSs), which account for most of the energy consumed in cellular networks. We review the architecture of the BS and the power consumption model, and then summarize the trends in green cellular network research over the past decade.

What is a green communication initiative?

The green communication initiative primarily aims to improve the energy efficiency, reduce the OPEX, and eliminate the GHG emissions of BSs to guarantee their future evolution [2, 3]. Cellular network operators attempt to shift toward green practices using two main approaches.

Can Ress provide power to GSM BSS in Spain?

Martínez-Díaz et al. [ 130] examined the potential of RESs, PV/DG, WT/DG, and PV/WT/DG in providing power to GSM BSs in Spain. They identified PV/DG as the most economically feasible solution with an energy cost of €0.436/kWh.



### Latvia s regulations on installing green base stations for communic



#### Installation of communication base stations

Since 2012, GP Systems has installed over 300 new mobile communication base stations for Latvia's major operators (LMT, Bite Latvia, Tele2). Services include site search, legal work, ...

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#### Telecommunication Laws and Regulations 2009

The Installation and Construction Permits from the Electronic Communications Office must be obtained before the installation and construction of the facilities of electronic communications ...

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## **Business model , Electronic Communications Office of Latvia**

The electronic communication network installation in accordance with an accepted technical design is a pre-condition for ensuring requirements in regard to the safety, health, EMC, ...

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## Who are we? , Electronic Communications Office of Latvia

to accept or refuse technical designs for installation of electronic communication network antennas, radio equipment, broadcast



transmitter or mobile communication base stations.

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## <u>Telecommunications Laws and Regulations in Latvia</u>

9.3 How is the installation of satellite earth stations and their use for up-linking and downlinking regulated? The installation of satellite earth stations and their use is regulated by the general ...

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#### <u>Wireless Communications Facilities Design</u> <u>Guidelines</u>

For any eligible support structure, it involves installation of more than the standard number of new equipment cabinets for the technology involved, but not to exceed four (4) cabinets; or for ...

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## **5G Mobile Communication Base Station Electromagnetic ...**

The article 35 of the Regulations stipulates that "for the establishment of large-scale wireless radio stations (stations) and ground public mobile communication BS, their ...

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## An Insight into Deployments of Green Base Stations (GBSs) for ...

Data traffic and the number of mobile subscribers have increased significantly prompting cellular network operators to install additional mobile cellular base stations (BSs) to meet the ...

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#### <u>Telecommunications Laws and Regulations in</u> <u>Latvia</u>

The Installation and Construction Permits from the Electronic Communications Office must be obtained before the installation and construction of the facilities of electronic communications ...

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## [LV] Electronic Communications Law comes into force in Latvia

The new ECL was finally accepted in Latvia in its final reading on 2 June 2022. However, the law did not enter into force until 27 July as it had failed the final phase: presidential proclamation.

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#### Vhf Air/ground Radio Installation Guidelines ...

Within the United States the Federal Communications Commission (FCC) regulates aeronautical stations which communicate with aircraft both in flight and on the ground. Radio stations used ...

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## Guidebook to Installing Electric Vehicle Charging Stations

This guidebook will introduce you to electric vehicles and assist you in assessing options for choosing and installing electric vehicle charging stations. It provides an overview of the types ...

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## TECHNICAL CRITERI anA d PRINCIPLES concerning the ...

2017 Preamble According to Article 6 of the ITU Radio Regulations, representatives of the Electronic Communications Office of the Republic of Latvia and the Communications ...

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## EMF related country-specific information for Latvia , BEREC

According to national regulations, prior to official approval of the operation of mobile communication base stations, including 5G stations, operators shall organise independent ...

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#### **Latvia Law on Telecommunications**

The installation of submarine cables for water crossings shall be co-ordinated with the Republic of Latvia Ministry of Maritime Affairs. The installation of telecommunications lines and distribution ...

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