

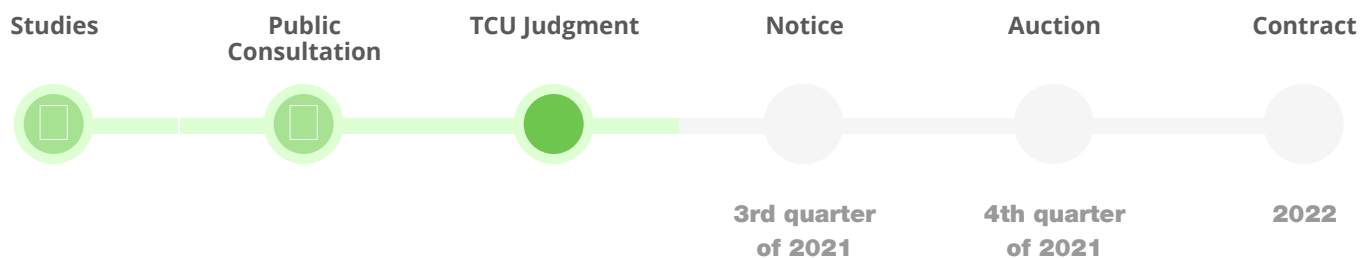
MENU

5G - Radio frequency spectrum auction for fifth generation telecommunications networks

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Progress of the project



Concluded
 In progress
 To be performed

CLASSIFICATION BY MEETING

11th Meeting

SECTOR

Others

ASSET TYPE

Existing Asset

PROJECT STATUS

In progress

MODEL

Common Concession

TYPE OF INITIATIVE	State-owned
BODIES INVOLVED	MCTIC and Anatel
TERM (YEARS)	20 years (except for the 700 MHz band with a term until 12/8/2029 and extension under the terms in force at the time)

project information

The transition to 5G is considered the most important technological revolution of the last century, and this will be the most important radio frequency auction ever held in Brazil. Closer and closer to becoming a reality, the impacts of technology will not only be limited to increased speed and greater ease in communications, but will bring a chain of benefits to the Brazilian population.

With qualification recommended in the Investment Partnership Program (PPI) through Resolution No. 88/2019, the 5G Auction will translate into a revolution for several sectors, such as health, logistics, industry, urban planning, security and agriculture.

The following radio frequency bands will be covered: 700 MHz, 2.3 GHz, 3.5 GHz and 26 GHz. The 3.5 GHz band is considered the main globally harmonized average band for 5G technology, through which the data will be transmitted at ultra speed from cell phones and devices in general to communication towers. To give you an idea, while 4G provides speeds of up to 1 Gbps, 5G will provide up to 20 Gbps. That is, the 5g has the potential to revolutionize the telecommunications industry, with deeper connections and reaching Brazilian regions that currently do not have access to the internet. It is estimated that currently 20% of Brazilian households are without adequate supply or lack of services. With the 5G notice, connectivity will be expanded to all locations above 600 inhabitants, reducing this rate.

Current status of the project

The process of preparing the Notice went through several stages until reaching the proposal submitted to Anatel's Board of Directors for consideration.

In its first stage, the "Preliminary study of the pricing of the object and commitments of the Bidding Notice concerning the 700 MHz, 2.3 GHz, 3.5 GHz and 26 GHz bands",

which was submitted to the Public Consultation of the Anatel no 9, of 02/14/2020, together with the proposal for the Notice, in order to provide society with the opportunity to contribute to the development of the project as a whole and, especially, to point out possible points for improvement in the scope of information that the Agency uses to price the bidding object and its commitments.

The proposal for the draft Notice was then approved by Anatel's Board of Directors on February 25, 2021.

Currently, the proposal for the Notice and the Reference Manual for the Pricing Methodology for radio frequency bands are under the scrutiny of the Federal Court of Accounts (TCU). The expectation is for an auction in the second half, with countless economic and social benefits for the country.

See other projects

PAR12 - Terminal lease at the Port of
Paranaguá/PR

[See Project](#)

Nuclebrás Equipamentos Pesados SA
(Nuclep)

[See Project](#)



Lei de acesso
à informação

