



Telecommunications Regulatory Commission - Jordan

ITU-T SG5RG-ARB & Regional Workshop On Human Exposure To Electromagnetic Fields

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TRC- JORDAN

- **Established by means of the Telecommunications Law No. 13 of 1995, as an independent body tasked with regulating the telecommunications and information technology sectors.**
- **The first Telecommunications Regulatory Commission in the Arab region.**



Agenda

Day 1

The impact of urban planning and the process of regulating Telecoms Towers

Day 2

Public Awareness and Education Outreach of EMF in Arab Countries

Day 3

Demonstration of measurements tools and inspection visit report review on EMF measurements

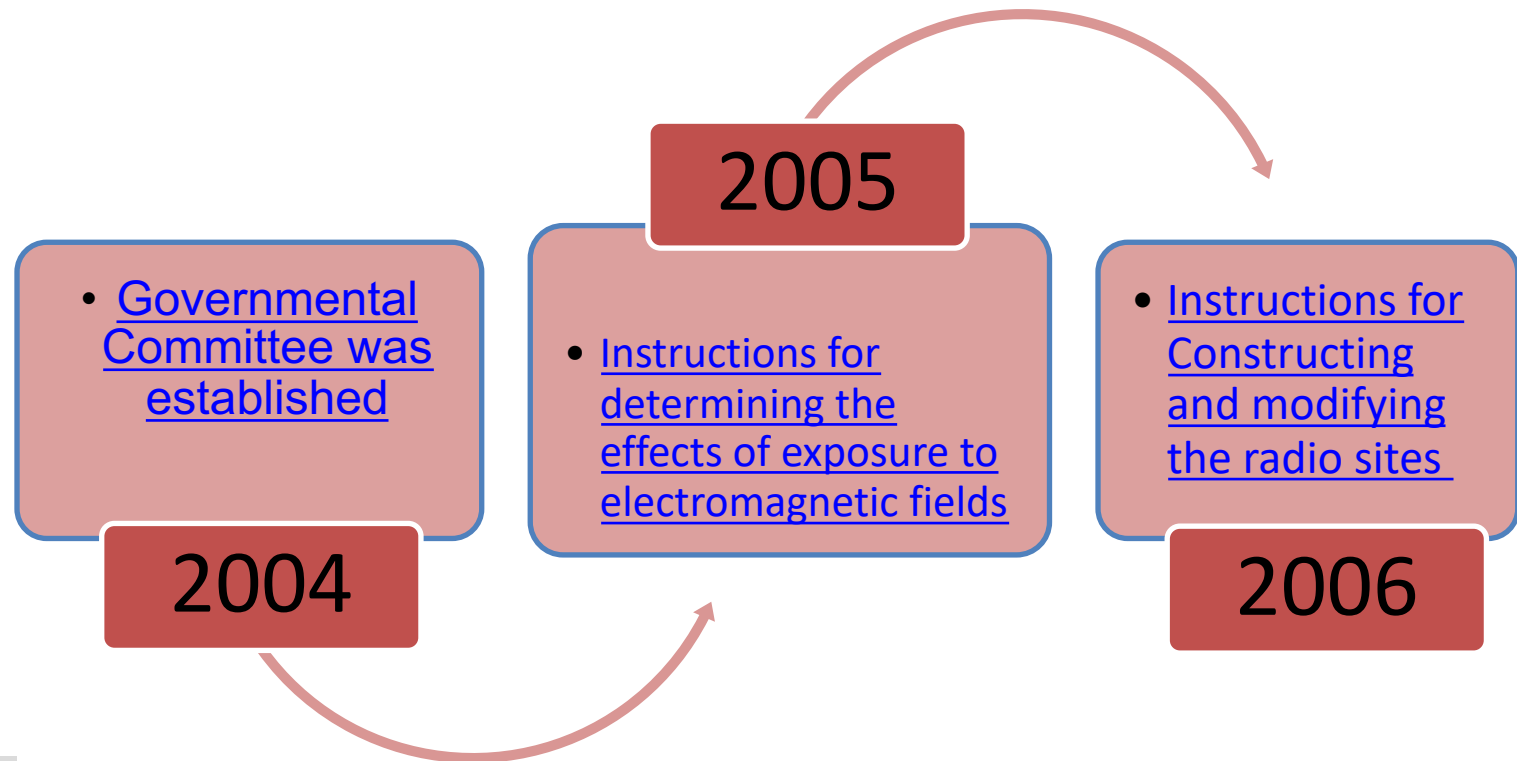
Reg

Relevant Regulations & Decisions



Agenda!

The impact of urban planning and the process of regulating Telecoms Towers



The impact of urban planning and the process of regulating Telecoms Towers

2004

Governmental Committee was established includes members from:

- Ministry of Environment.
- Ministry of Health .
- TRC.

Target:

To adopt regulations regarding:

- Reduction of visual pollution in towers structures.
- Effects of exposure to electromagnetic fields.
- Guiding all relevant entities to support.

[Timeline Slide](#)

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2005

- TRC had a precedent among countries in the region to adopt instructions for determining the effects of exposure to electromagnetic fields.

[Instructions link](#)

- *Radio stations to be installed on towers must commit with safe distances specified in the TRC instructions, for a radio site tower on top of a building:*

*1- The tower on the **edge** of the building's roof: the minimum height of the antennas measured from the roof of the building
From its bottom base is 4 meters.*

*2- The tower in the **middle** of the building's roof: The minimum height of the antennas measured from the roof of the building
From its bottom base is 9 meters.*

[Timeline Slide](#)

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2006

TRC adopt instructions for Constructing and modifying the radio sites.

[Instructions link](#)

Regulatory provisions:

- It is not permissible to establish any radio site without obtaining prior approval from the TRC, and it must be obtained the authority's prior approval to make any amendment to the radio site in relation to the approved specifications previously.

The impact of urban planning and the process of regulating Telecoms Towers

- All towers to be licensed must comply with the laws and instructions issued by the governorates councils , Civil Aviation Regulatory Commission, security agencies & environmental protection bodies.
- TRC encourages telecommunications operators in the Kingdom to establish radio sites based on sharing the civil constructions infrastructure (Co-location and infrastructure sharing) in accordance with the provisions of the Jordanian Telecommunications Law 1995 and the relevant instructions.
- TRC facilitated and encouraged transition of broadcasters toward DAB, DVBT,
Target : Minimize the number of towers & getting more spectrum efficiency.

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Promising results in different areas :



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Thank you