



# **CST 2024-2027 Spectrum Outlook**

## **A Policy Meeting Today's Demand with an Eye on Tomorrow's**

**What Comes Next**

**What and Why?**

**Content**

**A Closer Look**

**Diverse Topics**

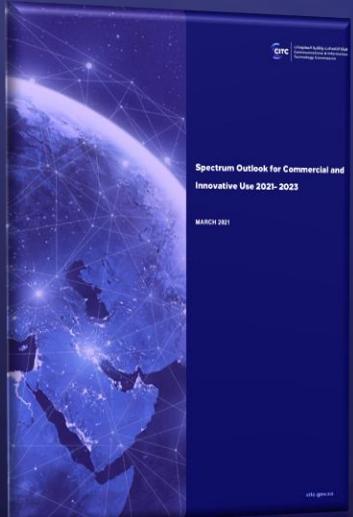




# What and Why?

# Policy transparency is the deriver

**First cycle**  
**2021 to 2023**

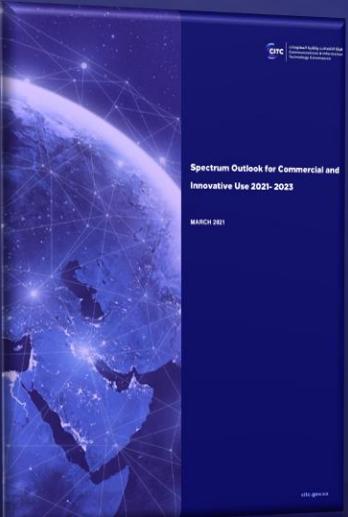


**Second cycle**  
**2024 to 2027**



# Policy transparency is the deriver

First cycle  
2021 to 2023



Second cycle  
2024 to 2027



**The objective is to provide transparency and predictability to all spectrum users in the Kingdom of Saudi Arabia in regards to:**

01

## **Spectrum pipelines:**

What spectrum bands are going to be made available and to which user category

02

## **Governing regulations**

What upcoming regulatory frameworks and policies will govern spectrum access and usage.



# Diverse Topics

# Identifying priority areas for the outlook



**New CST Strategy**



**National Developments**



**WRC-23 Results**



**Upcoming WRC-27**

**Local context**

**Global context**

# Identifying priority areas for the outlook



## New CST Strategy



## National Developments

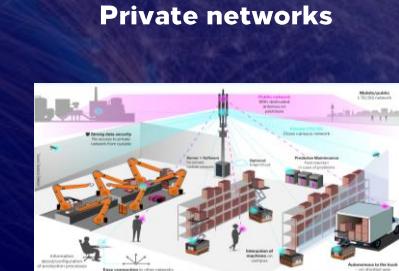
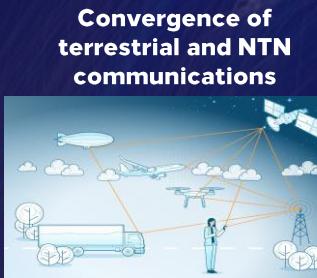


## WRC-23 Results



## Upcoming WRC-27

Priority Areas in the new Spectrum Outlook focus on spectrum users who will need timely access to new spectrum and/or improved spectrum regulations



# Polishing priority areas through public engagement

## Public Consultation

The Public Consultation started on 9<sup>th</sup> of September and was held for 4 weeks  
- Responses from entities in 15 countries were received.

**Total Responses: +70**

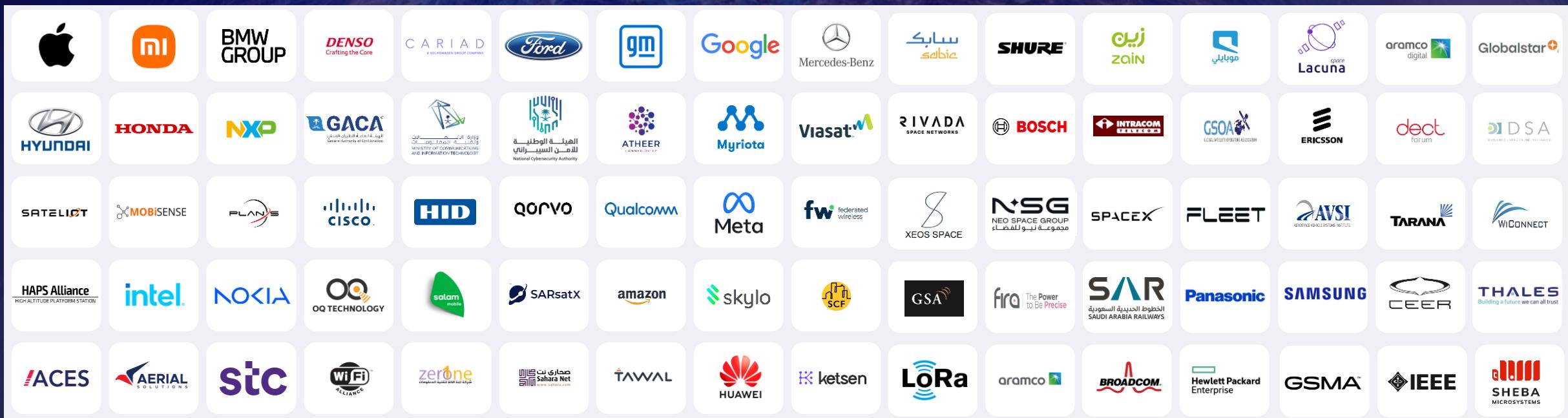
**Number of Pages: +600**

## Workshop

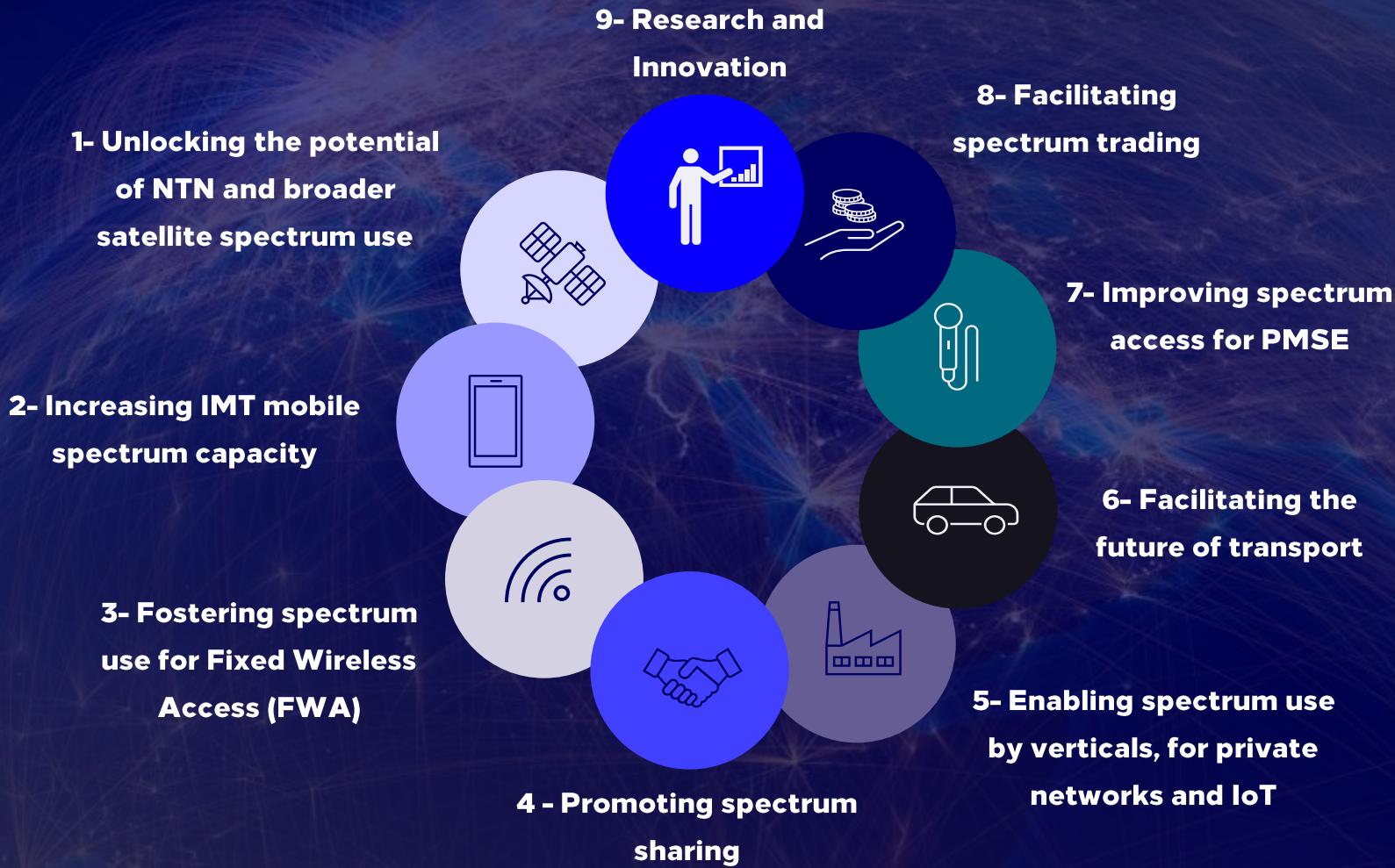
The workshop discussed the priority areas in the spectrum outlook and key directions.

**Number of Attendees +250**

**Number of Sessions: 5**



**The final list of priority areas comprises various frequency bands and regulatory frameworks**





## A Closer Look

# Some interesting spectrum policy directions

**1- Unlocking the potential of NTN and broader satellite spectrum use**

**2- Increasing IMT mobile spectrum capacity**

**3- Fostering spectrum use for Fixed Wireless Access (FWA)**

**4 - Promoting spectrum sharing**

**5- Enabling spectrum use by verticals, for private networks and IoT**

**6- Facilitating the future of transport**

**7- Improving spectrum access for PMSE**

**8- Facilitating spectrum trading**

**9- Research and Innovation**

	<b>L4 GHz</b> 4 to 4.2 GHz	<b>6 GHz</b> 5.9 to 7.1 GHz	<b>26 GHz</b> 24.2 to 27.5 GHz	<b>60 GHz</b> 57 to 71 GHz
<b>Relevant Priority Areas</b>	<ul style="list-style-type: none"> <li>• Promoting spectrum sharing</li> <li>• Enabling spectrum use by verticals</li> </ul>	<ul style="list-style-type: none"> <li>• Promoting spectrum sharing</li> <li>• Enabling spectrum use by verticals</li> <li>• Fostering spectrum for FWA</li> </ul>	<ul style="list-style-type: none"> <li>• Promoting spectrum sharing</li> <li>• Enabling spectrum use by verticals</li> <li>• Fostering spectrum for FWA</li> </ul>	<ul style="list-style-type: none"> <li>• Promoting spectrum sharing</li> <li>• Fostering spectrum for FWA</li> </ul>
<b>What's been done</b>	<p>Launching light-licensing regulatory framework</p>	<ul style="list-style-type: none"> <li>• Launching light-licensing framework</li> <li>• Opening the band for WLAN applications indoor</li> </ul>	<p>Clearing the band</p>	<p>Released for WLAN applications indoor</p>

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<b>What's in the works</b>	Finalizing the regulation annex (2025-2026)	<ul style="list-style-type: none"> <li>• AFC regulation annex (2025/2026)</li> </ul>	<ul style="list-style-type: none"> <li>• Public consultation to gauge demands (2026)</li> <li>• Releasing the band (2026/2027)</li> </ul>	Releasing the band for outdoor use (license-exempt)



# What Comes Next



**Tirelessly preparing for WRC-27**



**Monitoring technology and policy developments**



Tirelessly preparing for WRC-27



Monitoring technology and policy developments

**15 GHz**

14.8 to 15.3 GHz

Home for next-gen.  
private/local networks

**7 GHz**

7.1 to 8.4 GHz

Launchpad for public 6G  
network





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## Opportunity

**Spectrum standardization for public and private/local networks could happen on parallel tracks, resulting in separate spectrum policies.**



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**6 GHz**

5.9 to 7.1 GHz

Monitoring unfolding global  
development

### Opportunity

**Spectrum standardization for public and private/local networks could happen on parallel tracks, resulting in separate spectrum policies.**

### Opportunity

**Although our policy has been set, we think the unfolding global debate presents a good learning opportunity**

# A Good Spectrum Policy Is a Transparent Policy

*That's all, folks. Thank you.*