

# ***High-level overview of ITU activities and tasks on combating counterfeiting and stolen ICT devices***

***João Alexandre Zanon***

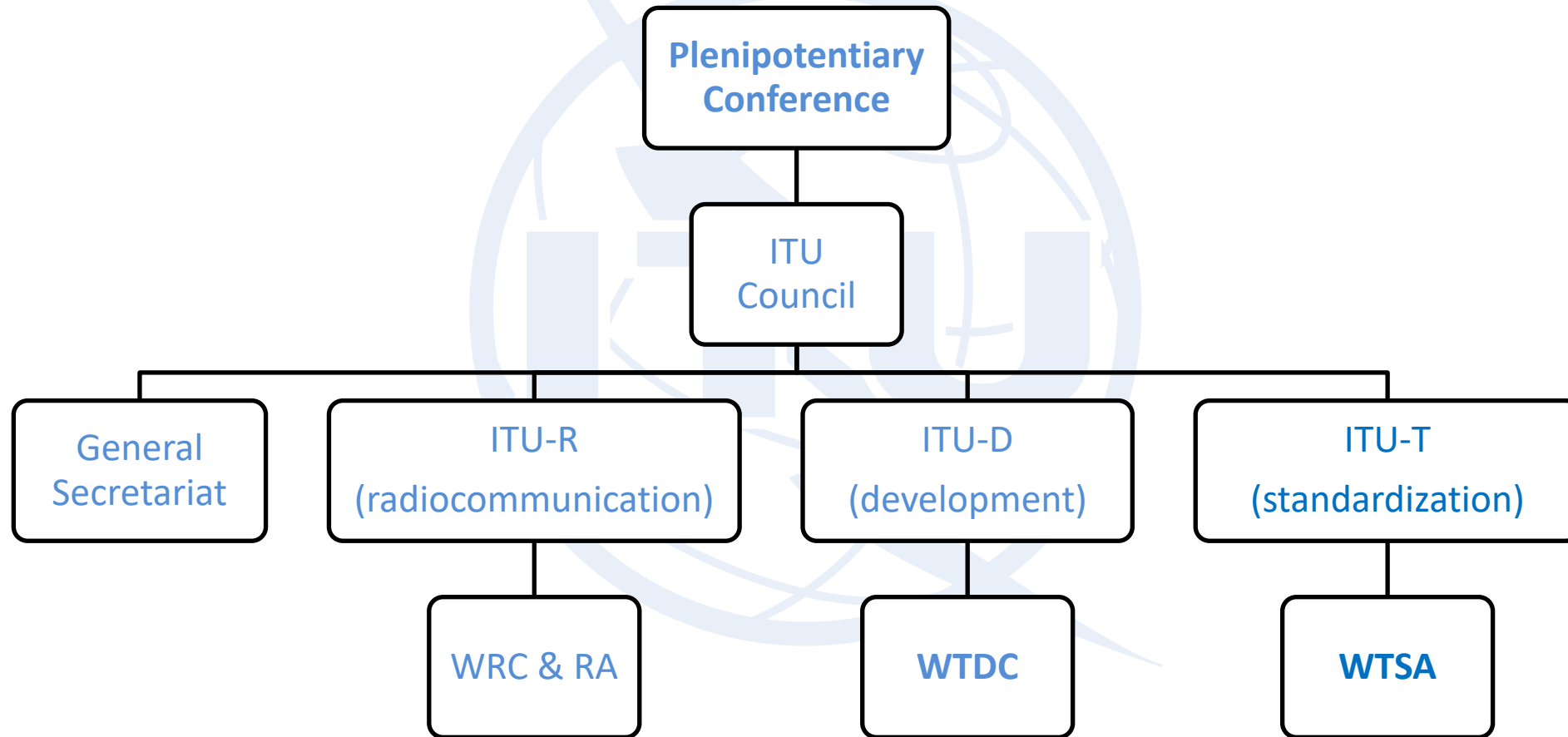
*Vice-Chairman SG11 - Chairman WP4/11*

*Anatel - Brazil*

October 2023



# ITU Structure



## Plenipotentiary conference – PP

# Resolution 188 – Combating counterfeit and tampered telecommunication/information and communication technology devices

### Resolves

to explore all ways and **means to combat counterfeit** and tampered telecommunication/ICT devices in order **to protect ITU members** and other stakeholders **from their negative impacts**,

### invites Member States

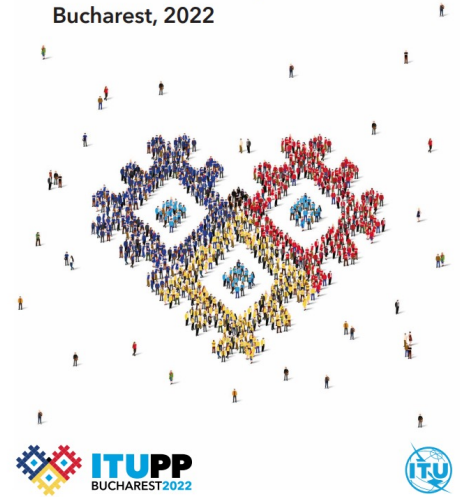
...

**4 to work in close collaboration with relevant stakeholders, such as, WTO, WIPO and WCO**, on activities relating to combating counterfeit and tampered telecommunication/ICT devices, **including restricting the trading, export/import and circulation of these telecommunication/ICT devices internationally**

### instructs the Directors of the three Bureaux

2 to assist all the membership, considering relevant ITU-T recommendations, and **collaborate with other telecommunication/ICT SDOs and regional and international organizations** related to combating counterfeiting, in taking the necessary actions to prevent and detect the tampering (unauthorized changing) and/or replication of unique telecommunication/ICT device identifiers;

**Final Acts**  
of the Plenipotentiary Conference  
Bucharest, 2022



## Plenipotentiary conference – PP

# Resolution 189 – Assisting Member States to combat and deter mobile device theft

### Resolves

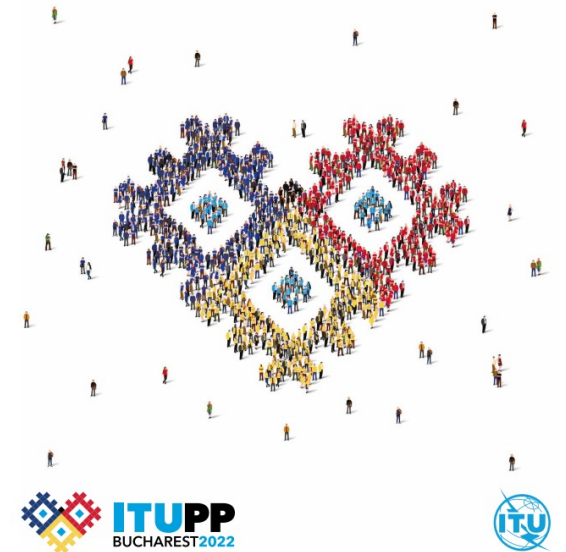
to explore and encourage the development of ways and means to continue to combat and **deter mobile device theft and its negative effects**, taking into account considering d) above,

**instructs the Director of BDT, Director of TSB and Director of BR**

...

3 to provide assistance, within the Union's expertise and within available resources, as appropriate, in **cooperation with relevant organizations, to Member States**, if so requested, in order to reduce mobile device theft and the use of stolen mobile devices in their countries, and also spread best practices in combating mobile device theft;

**Final Acts**  
of the Plenipotentiary Conference  
Bucharest, 2022



# World Telecommunication Standardization Assembly – WTSA (1/2)

## Resolution 96 – ITU Telecommunication Standardization Sector studies for combating counterfeit telecommunication/information and communication technology devices

### Resolves

1 **to explore ways and means to combat and deter telecommunication/ICT device counterfeiting and tampering**

in order to protect industry, governments and consumers from counterfeit and tampered telecommunication/ICT devices;

...

### Instructs SG11

1 to continue **developing Recommendations, technical reports and guidelines** to address the problem of counterfeit and tampered ICT equipment and to **support the Member States in anti-counterfeiting activities**;

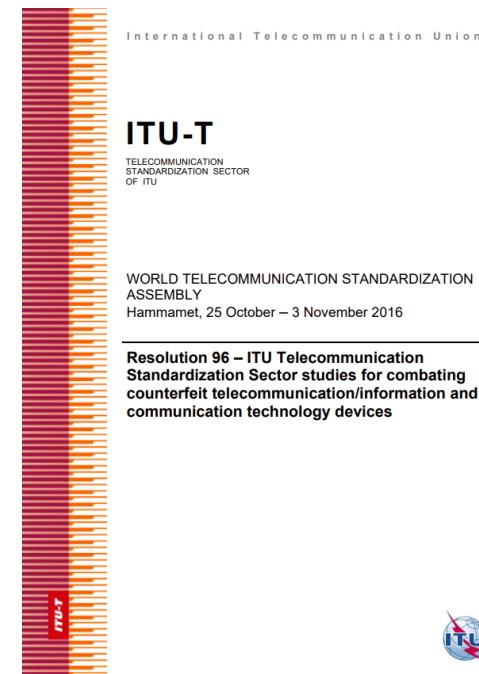
...

**instructs the Director of TSB, with Director of BDT**

...

**3 to work in close collaboration with relevant stakeholders, such as WTO, WIPO, WHO and WCO**, on activities relating to combating counterfeit and tampered telecommunication/ICT devices, including restricting the trading, export and circulation of these telecommunication/ICT devices internationally;

...



# World Telecommunication Standardization Assembly – WTSA (2/2)

## Resolution 97 – Combating mobile telecommunication device theft

### Resolves

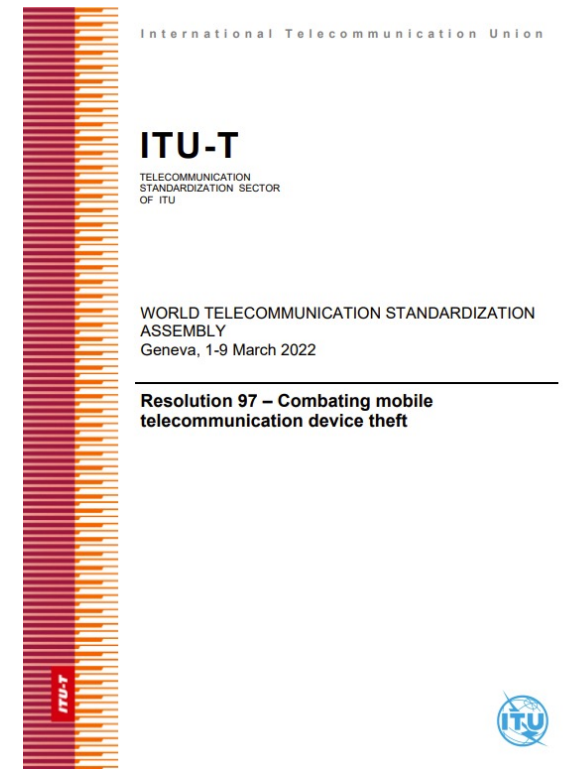
1 that ITU-T should explore all applicable solutions and develop ITU-T Recommendations **to combat and deter mobile device theft and its negative effects**, offering all interested parties a forum for encouraging discussion, member cooperation, the exchange of best practices and guidelines and the dissemination of information on combating mobile device theft;

...

**instructs the Director of the Telecommunication Standardization Bureau, in collaboration with the Directors of the Radiocommunication Bureau and Telecommunication Development Bureau**

...

2 to facilitate, in **collaboration with industry organizations and standards-development organizations (SDOs)**, the standardization and **dissemination of Recommendations, technical reports and guidelines** to combat mobile device theft and its negative effects, **specifically regarding the exchange of identifiers of mobile devices reported stolen or lost**, and to prevent lost or stolen mobile devices from accessing mobile networks;





## World Telecommunication Development Conference – WTDC

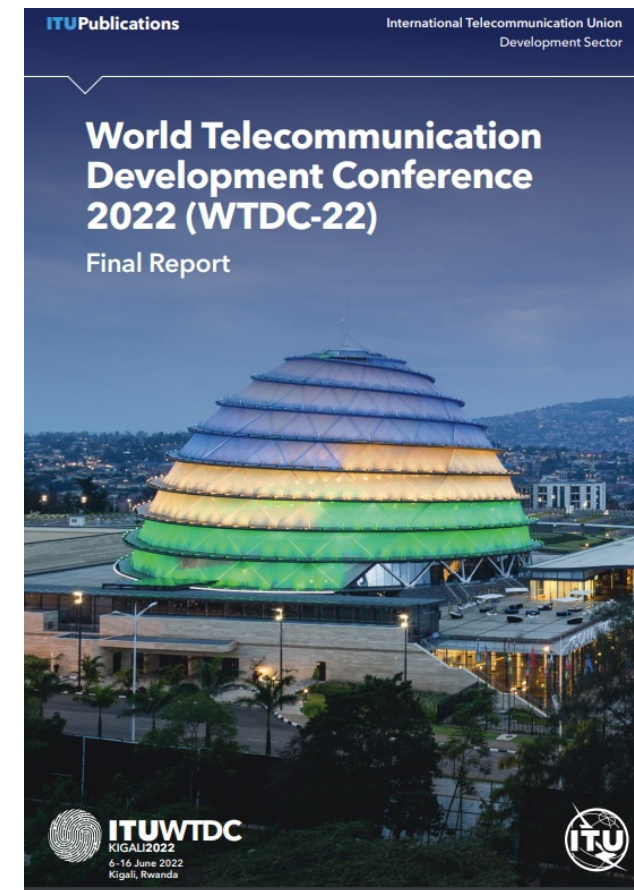
### Resolution 79 – The role of telecommunications/information and communication technologies in combating and dealing with counterfeit and tampered telecommunication/information and communication devices

resolves to instruct the Director of the Telecommunication Development Bureau, in close collaboration with the Director of the Telecommunication Standardization Bureau and the Director of the Radiocommunication Bureau

1 to continue to increase and develop ITU activities on combating, and ways of limiting the spread of, counterfeit and tampered devices;

...

3 to **continue to work in collaboration with stakeholders (such as WTO, WIPO, WHO and WCO)**, including academia and relevant organizations, to coordinate activities relating to combating counterfeit and tampered devices through study groups, focus groups and other related groups;



# World Telecommunication Development Conference – WTDC Resolution 84 – Combating mobile telecommunication device theft

## resolves

1 that the ITU Telecommunication Development Sector (ITU-D) should explore all applicable solutions and develop reports or implementation guidelines, taking into account the needs of countries, especially developing countries, **in consultation with relevant ITU-T and ITU Radiocommunication Sector (ITU-R) study groups, to combat and deter mobile device theft**, offering all interested parties a forum for encouraging discussion, member cooperation, exchange of best practices and guidelines and dissemination of information on combating mobile device theft;





# Current outcomes of ITU-T on combating counterfeit and stolen telecommunication/ICT devices and tampered software

## Combating counterfeiting of ICT devices

### Resolution 96 of WTS-16

ITU Telecommunication Standardization Sector studies for combating counterfeit telecommunication/information and communication technology devices

- Technical Report on Counterfeit ICT Equipment (2015)
- QTR-CICT - Survey report on counterfeit ICT devices in Africa region (2017)
- ITU-T Q.5050 "Framework for solutions to combat counterfeit ICT devices" (2019)
- Questionnaire on Reliability of International Mobile Equipment Identity (IMEI) – (2019)

ITU-T Q.5052 "Addressing mobile devices with a duplicate unique identifier" (2020)

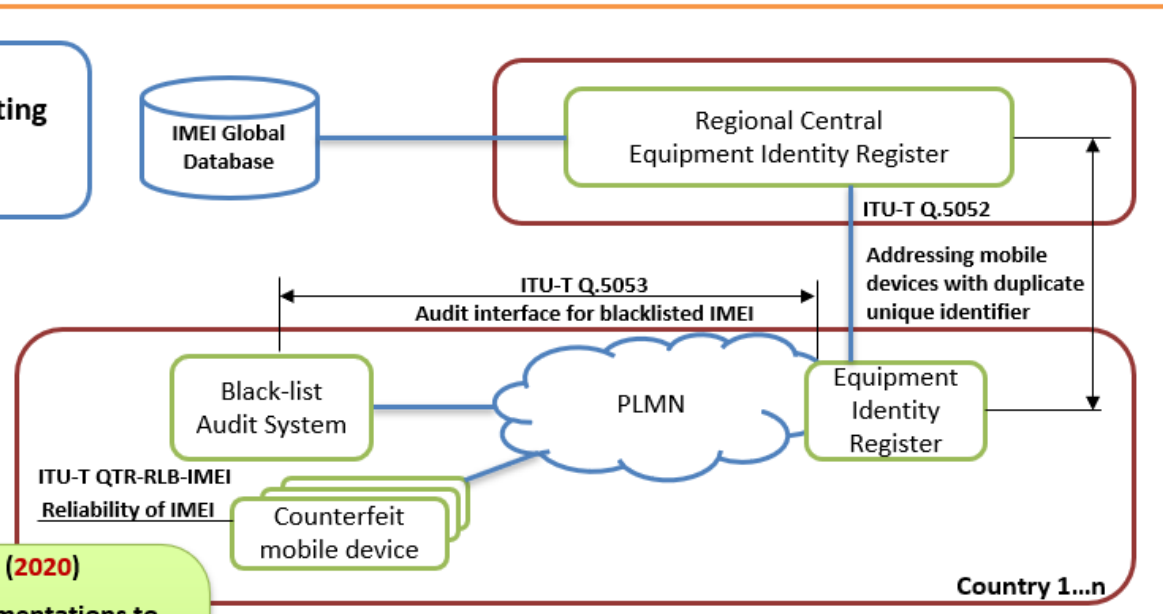
ITU-T Q Suppl.73 "Guidelines for Permissive versus Restrictive System Implementations to address counterfeit, stolen and illegal mobile devices" (2021)

ITU-T Q Suppl.74 "Roadmap for the Q.5050-series - Combat of Counterfeit ICT and Stolen Mobile Devices" (2021)

ITU-T Q.Suppl.75 "Use cases on the combat of counterfeit ICT and stolen mobile devices" (2021)

### Resolution 97 of WTS-20

Combating mobile telecommunication device theft



## Combating the use of stolen ICT devices

- ITU-T Q.5051 "Framework for combating the use of stolen mobile devices" (2020)

# ITU-T Portal on combating counterfeit and stolen telecommunication/ICT devices and tampered software

## Combating counterfeit and stolen telecommunication/ICT devices and tampered software

<https://itu.int/go/CS-ICT>

<https://itu.int/go/CS-ICT>



# Contacts

---

**Joao Zanon**

[zanon@anatel.gov.br](mailto:zanon@anatel.gov.br)

**TSB secretariat**

[tsb11@itu.int](mailto:tsb11@itu.int)

<http://itu.int/go/tsb11>

