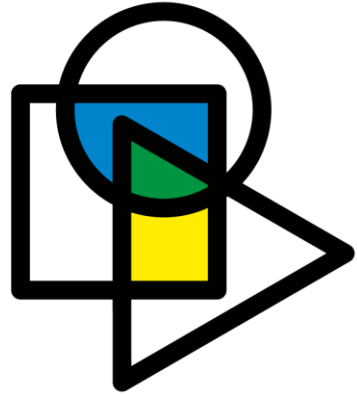


WORLD TELECOMMUNICATION  
STANDARDIZATION ASSEMBLY



**ITU**WTSA-20  
GENEVA2022

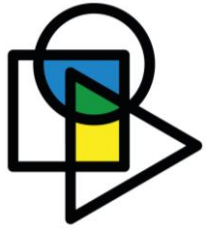
1- 9 March 2022  
Geneva, Switzerland

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## Overview ITU-T Study Group 2 during the 2017-2021 study period

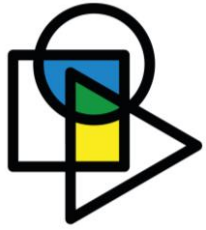
Phil Rushton  
Chairman of ITU-T SG2





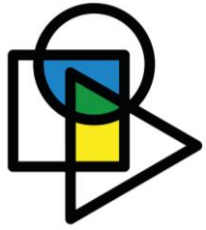
# Areas of work, 2017-2021

- Operations: provision of services that meet all stakeholder needs.
- Numbering Naming Addressing and Identification for today and the future, including advice to the TSB Director on INRs (WTSA Res.20).
- Countering & combatting NNAI misuse/Telecom finance & fraud management (WTSA Res.61).
- Telecommunication management, and network and service operations.



# Key deliverables, 2017-2021

- ITU-T E.156 (revised) enhancing the speed and effectiveness of responses to misuse reports (WTSA Res.61).
- ITU-T E.157 (revised) updating guidance for international calling party number delivery across national boundaries (WTSA Res.65).
- ITU-T E.212 updates for private networks, trials and ROIOs.
- M- and Q-series Recommendations on smart/REST-based network management.
- New Supplements on number portability, criteria for E.164/E.212 assignments for M2M/IoT, and disaster relief systems.



# Study period in numbers, 2017-2021

## Groups/activities:

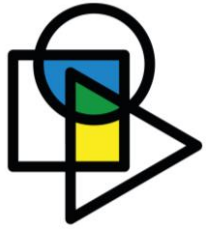
- 10 SG2 meetings / e-plenaries
- 9 regional group meetings
- 71 interim activities
- New focus group on AI for Natural Disaster Management

## Outputs:

- 34 normative texts, 7 non-normative texts

## International Numbering Resources assignments:

- 35 E.212 MCC/MNCs, 27 E.164 CC/ICs, 4 E.218 IINs, 2 E.218 MNCs
- 55 new SG2 Associates



# Future focus of work, 2022-2024

- Future of Naming Numbering Addressing and Identification, including M2M/IoT and network management/operational aspects of IMT-2020/5G (WTSA Res.20).
- Increasing demand for directly assigned International Numbering Resources.
- OTT services and alternative calling procedures (WTSA Res.29).
- Countering and combatting NNAI misuse (WTSA Res.61).
- Smart/AI network management and operational aspects.



**Thank you**



**Extra slides**



# SG2 leadership, 2017-2021

**SG2:** Phil Rushton, UK

**WP1/2:** Einar Bohlin, US (Dmitry Cherkesov, Russian Federation)

- **Q1/2:** Philippe Fouquart, France (Ena Dekanic, US)
- **Q2/2:** Yana Yankova, Belgium (Saif Bin Ghelaita, UAE)
- **Q3/2:** Hossam Sakar, Egypt (Yasmina Alaa, Egypt)

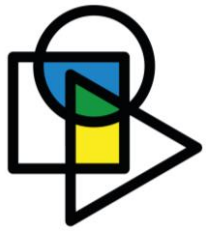
**WP2/2:** Zhili Wang, China (Yanchuan Wang, China)

- **Q5/2:** Zhao Ping, China (Dmitry Cherkesov, Russian Federation)
- **Q6/2:** Yanchuan Wang, China (Francis Olivier Hubahiro, Burundi)
- **Q7/2:** Zhili Wang, China

Regional groups:

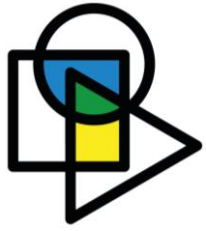
- **SG2RG-AMR:** Edgardo Guillermo Clemente, Argentina
- **SG2RG-ARB:** Saif Bin Ghelaita, UAE
- **SG2RG-AFR:** Susan Nakanwagi, Uganda





# SG2 lead study group roles, 2017-2021

- Lead study group for **numbering, naming, addressing, identification and routing**
- Lead study group for **service definition**
- Lead study group on telecommunications for **disaster relief/early warning, network resilience and recovery**
- Lead study group on **telecommunication management**



# Focus Group on AI for Natural Disaster Management (FG-AI4NDM)

Explores mitigation, preparedness and response for natural disasters in terms of:

- data collection, monitoring, and handling;
- AI-based algorithms for reconstructing, detecting, and forecasting disaster events; and
- effective communication during disasters.

Work is being conducted in collaboration with WMO and UNEP