WORLD TELECOMMUNICATION
STANDARDIZATION ASSEMBLY

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Overview of ITU-T Study Group 2 during the Study Period 2022-2024

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ITU-T SG2: Results

- **Increased number of Associate Members** (increased revenue for the Sector) (31 new Associates as of 2 October 2024)
- **Diversity of requests for NNAI resources for other entities**:
  - M2M IoT, Space
- **Keeping pace with innovative developments** (carrier switching)
- **Developing the necessary Recommendations for management in new environments** including:
  - requirements for management of blockchain systems, robot-based on-site smart patrol of telecommunication network, work order processing in telecom management & log analysis with AI, intelligence levels of AI enhanced telecom operation and management, and management interface specification methodology

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ITU-T SG2: Key Areas of Work during 2022-2024

Numbering, naming, addressing and identification (NNAI)	Routing and interworking	Service and operational aspects of telecommunications
Telecommunications management and operation, administration and maintenance	Management architecture and security	Interface specifications and specification methodology

ITU-T SG2: Future Topics in 2025-2028

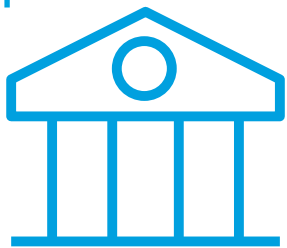Deployment of current NNAI resources in future telecommunication/ICT environments

Development of NNAI resources to meet evolving needs
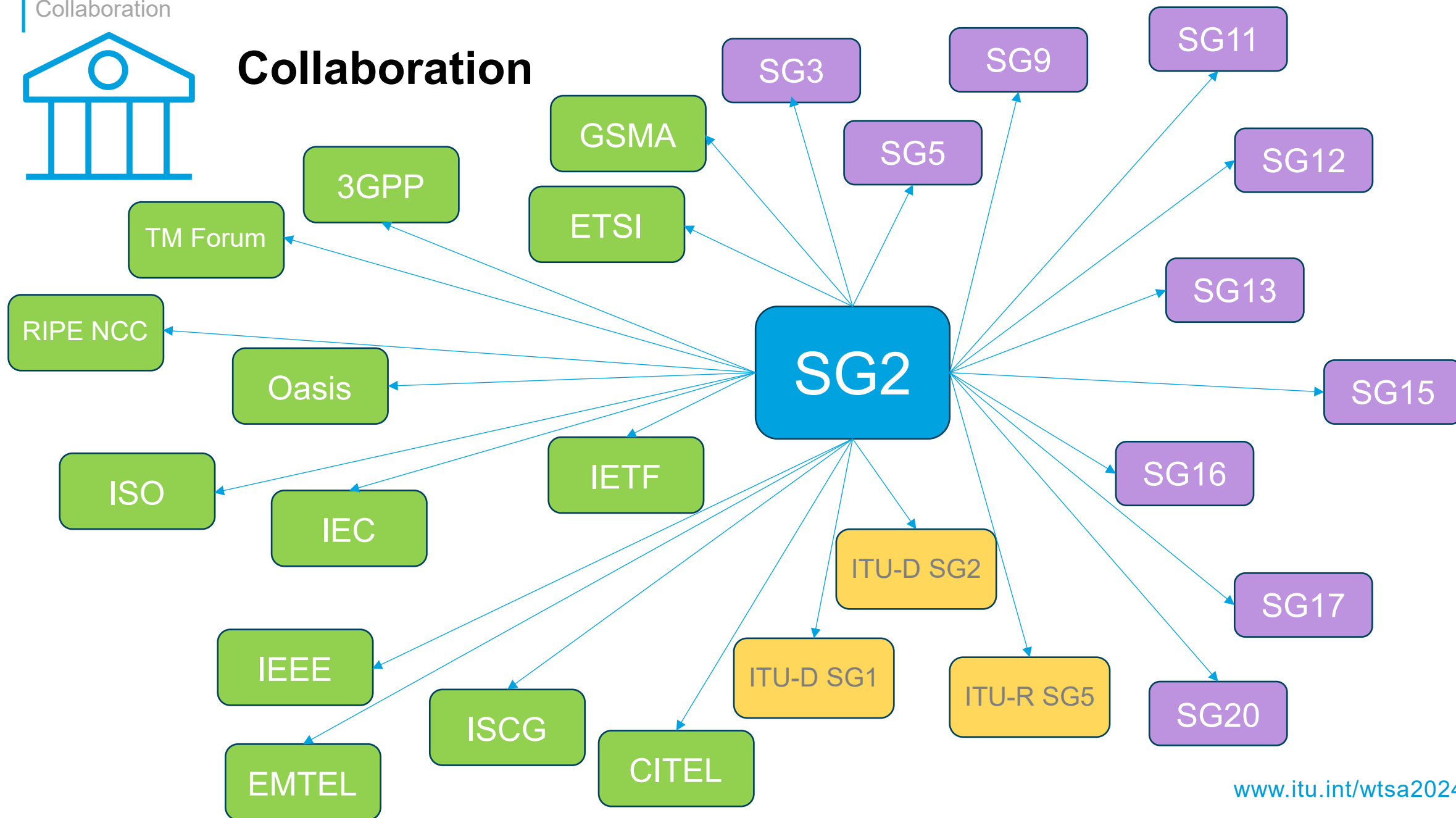
Evolution and development of service definitions

Continued evolution of applying management in response to new requirements

Responding to disaster relief requirements to ensure provision of communication

Specifying emergency services definition and deployment

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Collaboration

Collaboration

SG2

SG3, SG5, SG9, SG11, SG12, SG13, SG15, SG16, SG17, SG20

GSMA, 3GPP, ETSI, TM Forum, RIPE NCC, Oasis, ISO, IEC, IETF, IEEE, ISCG, EMTEL, CITEL

ITU-D SG1, ITU-D SG2, ITU-R SG5

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ITU-T SG2: Conclusion

- **Work in collegiate, transparent and enjoyable manner** (it has been fun)
- **Diverse participation**: governments and industry from across the spectrum
- **Magnet for new members** (and revenue for the Sector and the Union)
- Continues to:
  - o Be the cornerstone of day-to-day deployment of telecommunications/ICTs
  - o Operationalize requirements provided by other study groups

Thank you