

5 Telecommunication Standardization Sector (ITU-T)

5.1 Situational analysis

5.1.1 ITU-T operates in a competitive, complex and rapidly evolving environment and ecosystem.

5.1.2 There is a need for high-quality, demand-driven international standards, which should be developed rapidly in line with the principles of global connectivity, openness, affordability, reliability, interoperability and security. Key technologies, enabling new services and applications and promoting the building of the information society are emerging and should be taken into account in the work of ITU-T.

5.1.3 While retaining current ITU-T members, new members from industry and academia need to be attracted and encouraged, and the participation of developing countries in the standardization process ("Bridging the standardization gap") needs to be boosted.

5.1.4 Cooperation and collaboration with other standardization bodies and relevant consortia and fora are key to avoiding duplication of work and achieving efficient use of resources, as well as incorporating expertise from outside ITU.

5.1.5 The review of the International Telecommunication Regulations will set a renewed worldwide framework for ITU-T activities.

5.2 Vision

ITU-T provides a unique worldwide venue for standardization of telecommunications and ICTs.

5.3 Mission

The mission of the ITU Telecommunication Standardization Sector (ITU-T) is to provide a unique worldwide venue for industry and government to work together to foster the development and use of interoperable, non-discriminatory and demand-driven international standards that are based on openness and take into account the needs of users, in order to create an environment where users can access affordable services worldwide regardless of underlying technology, particularly in developing countries, while at the same time establishing links between the activities of ITU-T and the relevant WSIS outcomes.

5.4 Strategic goal

The strategic goal of ITU-T is threefold, and includes:

- To develop interoperable, non-discriminatory international standards (ITU-T Recommendations)
- To assist in bridging the standardization gap between developed and developing countries
- To extend and facilitate international cooperation amongst international and regional standardization bodies.

5.5 Objectives

The objectives of ITU-T are:

5.5.1 Objective 1 - Coordinating/International cooperation:

- To promote and foster cooperation among Member States, Sector Members and Associates in decision-making on telecommunication/ICT standardization matters.
- To cooperate and collaborate with other ITU Sectors, standardization bodies and relevant entities (e.g. Global Standards Collaboration, World Standards Cooperation), in order to avoid duplication and inconsistencies to the extent possible, identify relevant areas for future standardization projects to be initiated within ITU-T while remaining aware of the ongoing work in other standards bodies and ensure that the work of ITU-T creates added value by promoting international collaboration, coordination and cooperation with a view to harmonizing activities.

5.5.2 Objective 2 - Producing global standards:

- To develop efficiently, effectively and in a timely manner the required global telecommunication/ICT standards (ITU-T Recommendations), consistent with ITU's mandate and the needs and interests of the membership, such as narrowing the digital divide, improving health and safety and protecting the environment, and developing standards to facilitate access to telecommunications/ICTs by persons with disabilities.
- To standardize services and applications meeting global user needs that rely not only on state-of-the-art technologies but also on matured proven technologies.
- To identify ways and means to achieve interoperability of services and equipments.

5.5.3 Objective 3 - Bridging the standardization gap:

To provide support and assistance to developing countries in bridging the standardization gap in relation to standardization matters, information and communication network infrastructure and applications, and relevant training materials for capacity building, taking into account the characteristics of the telecommunication environment of the developing countries.

5.5.4 Objective 4 - Informing/Disseminating information:

To respond to the needs of the membership and others by disseminating information and know-how through the publication and distribution of ITU-T Recommendations and relevant materials (e.g. manuals), by collaborating with ITU-D on bridging the standardization gap between developing and developed countries, and by promoting the value of ITU-T in order to encourage increased membership.

Table 5.1 - ITU-T outputs and objectives

Outputs	Objective 1	Objective 2	Objective 3	Objective 4
World Telecommunication Standardization Assembly	X			
World Telecommunication Standardization Assembly regional consultation sessions	X			
Telecommunication Standardization Advisory Group	X			
ITU-T general assistance and cooperation	X			
ITU-T study groups		X		
Bridging the standardization gap			X	
Training activities, including workshops and seminars			X	
ITU-T publications				X
ITU Operational Bulletin				X
Database publications				X
Relevant TSB databases				X
Allocation and management of international telecommunication numbering, naming, addressing and identification resources in accordance with ITU-T Recommendations and procedures				X
Promotion				X

Table 5.2 - Objectives, outputs, expected results and key performance indicators of ITU-T

Objectives	Outputs	Expected results	Key performance indicators
<p>Objective 1 – Coordination/International cooperation</p> <ul style="list-style-type: none"> • To promote and foster cooperation among all Member States, Sector Members and Associates in decision-making on telecommunication/ICT standardization matters • To cooperate and collaborate with other ITU Sectors, standardization bodies and relevant entities (e.g. Global Standards Collaboration, World Standards Cooperation), in order to reduce duplication, avoid inconsistencies, identify relevant areas for future standardization projects to be initiated within ITU-T while remaining aware of the ongoing work in other standards bodies, and ensure that work of ITU-T creates added value by promoting international collaboration, coordination and cooperation with a view to harmonizing activities 	<ul style="list-style-type: none"> • World Telecommunication Standardization Assembly (WTSA) • WTSA regional consultation sessions • Telecommunication Standardization Advisory Group (TSAG) • ITU-T general assistance and cooperation 	<p>1 To prepare, organize and provide appropriate and efficient support to:</p> <ul style="list-style-type: none"> • World Telecommunication Standardization Assembly (WTSA) • WTSA regional consultation sessions • Telecommunication Standardization Advisory Group (TSAG) <p>2 To coordinate with SDOs and other international and regional organizations</p>	<ul style="list-style-type: none"> • Timely preparation and actions before and during the conferences and meetings; satisfaction of delegations • Liaison activity with other organizations

Objectives	Outputs	Expected results	Key performance indicators
<p>Objective 2 – Producing global standards</p> <ul style="list-style-type: none"> • To develop efficiently, effectively and in a timely manner the required global telecommunication/ICT standards (ITU-T Recommendations), consistent with ITU's mandate and the needs and interests of the membership, such as narrowing the digital divide, improving health and safety and protecting the environment, and developing standards to facilitate access to telecommunications/ICTs by persons with disabilities • To standardize services and applications meeting global user needs that rely not only on state-of-the-art technologies but also on matured proven technologies • To identify ways and means to achieve interoperability of services and equipments 	<p>ITU-T study groups</p>	<ul style="list-style-type: none"> • To undertake the work programme in response to WTSA resolutions • To provide appropriate level of technical and logistical support for meetings 	<ul style="list-style-type: none"> • Deliverables available to the membership within expected time-scale • Meetings satisfy objectives within the imposed deadlines • Number of downloads and sales of ITU-T Recommendations

Objectives	Outputs	Expected results	Key performance indicators
<p>Objective 3 – Bridging the standardization gap</p> <p>To provide support and assistance to developing countries in bridging the standardization gap in relation to standardization matters, information and communication network infrastructure and applications, and relevant training materials for capacity building, taking into account the characteristics of the telecommunication environment of the developing countries</p>	<ul style="list-style-type: none"> • Bridging the standardization Gap • Training activities, including workshops and seminars 	<ul style="list-style-type: none"> • To provide the appropriate level of technical and logistical support for meetings and workshops • Implementation of appropriate WTSA resolutions • Dissemination of expert knowledge on state-of-the-art technologies 	<ul style="list-style-type: none"> • Timely preparation and actions before and during the meetings and workshops; satisfaction of delegations • Degree of implementation of relevant WTSA resolutions (WTSA Action Plan) • Increased participation of developing countries in the work of the Sector
<p>Objective 4 – Informing/Disseminating information</p> <p>To respond to the needs of the membership and others by disseminating information and know-how through the publication and distribution of ITU-T Recommendations and relevant materials (e.g. manuals), by collaborating with ITU-D on bridging the standardization gap between developing and developed countries, and by promoting the value of the ITU-T in order to attract increased membership</p>	<ul style="list-style-type: none"> • ITU-T publications • ITU Operational Bulletin • Database publications • Relevant TSB databases • Allocation and management of international telecommunication numbering, naming, addressing and identification resources in accordance with ITU-T Recommendations and procedures • Promotion 	<ul style="list-style-type: none"> • To publish annually ITU-T Recommendations and texts, that are timely and market relevant • Dissemination of valuable operational information through the ITU Operational Bulletin • Promotion of awareness of ITU-T activities, working methods and priorities 	<ul style="list-style-type: none"> • Timely preparation and actions in the publication process • Timely allocation of resources • Increased awareness of ITU-T activities

