

RECOMMENDATION ITU-D 6-1

Appropriate low-cost technology options for the provision of telecommunications in rural and remote areas

(January, 2002)

Question 10/2: *Communications for rural and remote areas*

The ITU-D,

considering

- a) the report on telecommunications for rural and remote areas;
- b) the modularity and adaptability of new technologies and their applications, making it possible to meet different requirements for providing services to rural and remote areas;
- c) the complementary nature of these technologies,

bearing in mind

- a) that the profitability of an investment depends largely on the judicious choice of technology or technologies, the services offered and the operating costs;
- b) that the choice of technologies depends on a set of complex parameters (affordability, geography, socio-economic conditions, policy and regulatory aspects, the operating environment, accessibility, community use, performance, etc.),

noting

that there is no single technology meeting all requirements for services to rural and remote areas,

recommends

1 that administrations¹, and recognized operating agencies (ROAs)², draw up representative models of the conditions encountered, enabling them to compare technologies or combinations of technologies and choose the most appropriate solution, and

¹ **Administration**: Any governmental department or service responsible for discharging the obligations undertaken in the Constitution of the International Telecommunication Union, in the Convention of the International Telecommunication Union and in the Administrative Regulations. (CS/AN. 1002)

2 that administrations and ROAs share, by all means, knowledge, best practices or “lessons learned” with other administrations and ROAs to accelerate advancing adoption of both the technologies and their accompanying solutions.

² Recognized Operating Agency (ROA): Any operating agency which operates a public correspondence or broadcasting service and upon which the obligations provided for in Article 6 of this Constitution are imposed by the Member State in whose territory the head office of the agency is situated, or by the Member State which has authorized this operating agency to establish and operate a telecommunication service on its territory. (CS/AN. 1008, PP-98). Operating Agency: Any individual, company, corporation or governmental agency which operates a telecommunication installation intended for an international telecommunication service or capable of causing harmful interference with such a service. (CS/AN. 1007).