**Draft Recommendation ITU-T L.1490 (ex L.GHG\_management)**

Framework and Functional Requirements of Greenhouse Gas Emissions Management System using Digital Technology for Public Sector

Summary

With the frequent occurrence of extreme climate events around the world, it has become a global consensus to deal with climate change, and countries have stepped up efforts to manage and control their GHG emissions. The rapid development of ICT provides an effective tool for GHG management. By applying big data, cloud computing, and other ICT to build a GHG emission management system, the public sector can more accurately quantify, monitor and manage regional GHG emissions, thereby achieving data-driven decision support. This Recommendation proposes a GHG emissions management using ICT for public sector, and specifies the requirements for system construction principles, framework and functional requirements.

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