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Biography

Mr. Désiré KARYABWITE is the Senior IP (Internet Protocol) Coordinator at the ITU, the **United Nations specialized agency for information and communication technologies – ICTs**. Since 1989, he has played a leading role in the field of technology transfer and in the Introduction of high-speed Internet/Intranet in top Technologies companies in Switzerland and worldwide and especially in Developing Countries.

In 1997, he started to work with the ITU as an International Expert in the fields of telecommunication, IP-based Networks and management of the information systems for fixed and mobile networks.

He is now managing IP activities and assisting developing countries worldwide in setting up and implementing policies and strategies on ICT Broadband Networks in Cities and in Rural Areas to improve lives of people. He is focusing on Sustainable Power Generation, IP_based Networks (Satellites, Wireless & Wire communications) , NGN, IPTV, VoIP (Voice over Internet Protocol) Triple, Quadri-Play technologies, SMART GRID communications, Smart Cities, OTT and IoT (Internet of Things).

He has published several books and documents on ICT access technologies, strategies relating to modern IP-based communication and broadband technologies. He has participated in international panels and organized IP Telephony, e-services applications and related conferences and symposia worldwide.

Before joining ITU, he was the Vice-President and was active member of IDM (Ingénieurs du Monde, ITU Sector member), Internet Coordinator at Synergies Africa in Geneva, Switzerland.

He is also a Swiss citizen and has a M.Sc (Master of Science) from Polytechnic Lausanne in Switzerland - (EPFL - [École polytechnique fédérale de Lausanne - EPFL](http://www.epfl.ch/en/)) as Electrical and Communication Engineer and he is also certified in “Management of High Technologies” from EPFL (www.epfl.ch/en/).