

Meeting: Internet of Things (IOT)
Committee: Enhancing Ethics of IOT Usage
Country: Sweden

With the remarkable development of technology, the role of Internet of Things (IoT) has been continuously evolving and expanding. In the Europe alone, the market value of the IoT is estimated to exceed one trillion euros in 2020, according to the European Commission. Consequently, there has arisen the need to address impacts of IoT on economy and protection of human rights and promotion of effective and ethical development of IoT at national, regional and international level with regard to the Sustainable Development Goal 3: Good Health and Well-being which was adopted in the United Nations (UN) General Assembly (GA) resolution 70/1.

The Kingdom of Sweden welcomes the establishment of the study group by UN-run International Telecommunication Union (ITU)'s Telecommunication Standardization Sector (ITU-T) in 2015 to address the standardization requirements of IoT. While recognizing the importance of innovation and further development of IoT, Sweden is aware of the potential of technological advancements may overlook the existence and expand of inequality in development and poverty eradication. In this regard, Sweden praises the Joint Meeting of Economic and Social Council (ECOSOC) and the GA Second Committee on "The Future of Everything – Sustainable Development in the Age of Rapid Technological Change" to focus on harnessing benefit of progress in science and technology development while minimizing the negative consequences. Also, Sweden recognizes the threat of violations of the right to privacy by developed technology of data collection which was affirmed in GA resolution 68/167.

Regionally, the Alliance for Internet of Things Innovation (AIOTI) was launched by European Commission in 2015 for enhancing dialogues between European stakeholders in IoT market. Furthermore, EU launched the ACTIVAGE project in 2017 establishing the first European IoT ecosystem in nine deployment sites in seven European countries. The project aims for providing new business models and effective solutions for Active and Healthy Ageing, sustainable health and care systems, improving the quality of life of elderly people. To secure rights to privacy, EU adopted the new General Data Protection Regulation in 2016 and has worked on the establishment of ePrivacy regulation which

has stronger rules applicable for all people and businesses in the EU. Sweden supports the work of international and regional efforts on protecting human rights as well as promoting further development of IoT.