Pasi Toivonen started his career in the Radio Department of the General Directorate of Post and Telecommunications in Helsinki in 1986. In connection with the reorganisation of the Finnish radio administration he joined the Telecommunications Administrations Centre in 1988, with duties related to frequency planning and licensing for mobile services. From 1991 to 1997 he was employed as a frequency management expert by the European Radiocommunications Office (ERO) of CEPT. Since 1998 he has held position of the head of the Public Mobile Communications Division in the Finnish radio administration, now within the Finnish Communications Regulatory Authority (FICORA).

From 1997 until 2000 Pasi Toivonen was chairing the ERC Task Group 1 of CEPT. This group was responsible for the regulatory and frequency issues for UMTS/IMT-2000 in Europe. Currently he is the vice chairman of the follow-up group ECC PT1.