

STUDY ON NEW SMART CITY STANDPOINT FROM BUSINESS CONTINUITY MANAGEMENT IN JAPAN

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ABSTRACT

The concept of BCM, the definition of a smart city and the necessity of SBCM were discussed in conjunction with the concept of “making smart.” If efforts made by relevant major companies toward SBCM are verified by further demonstration and consequently come to be utilized in many households, it is expected that a large number of people can live securely and safely. Studies were conducted to find measures for maintaining utilities necessary for business operations, such as electricity, telecommunication, gas, water supply and sewage, during the time of disaster occurrence. Particularly, it is necessary to examine DHC (District Heating and Cooling) still more. DHC is the system by supply cold and hot water, this equipment is set in one place, it can use the energy efficiently and save more space. By the collaboration of BEMS and DHC, the smarter center works more efficiency. And SBCM that is a basic concept of a smart city has been put together and the process for its implementation in the Shinagawa/Tamachi Station area in Minato City, Tokyo has been examined. It is hoped that the steady SBCM project will make the 2020 Olympic/Paralympic Games result in success and at the same time take the initiative among the nations of the world in actualizing the creation of a smart city.

Keywords: Smart city, Business management, The 2020 Olympic and Paralympic Games, Smart Business Continuity Management (SBCM)