

Intelligent Cities Challenge (ICC): Efforts on waste management of MSW for the Municipality of Central Corfu and Diapontia Islands

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Abstract

The waste management issue is the biggest problem that the island of Corfu has ever faced. The Municipality of Central Corfu and the Diapontia Islands (MCCDI) is a new municipal authority which is formed in 2019. In order to solve this major problem, the MCCDI tried and succeeded in becoming part of the 100 Intelligent Cities Challenge (ICC) which is a European Commission's initiative that supports 136 cities in using cutting-edge technologies to lead to smart, green, and socially responsible recovery. Corfu's ICC team and the Mayor were committed from the very first moment to providing sustainable and permanent solutions to the waste management problem and embraced the vision to transform the MCCDI into one of the most smart, green, and sustainable islands in Europe. In the following paper will be presented, all the efforts that have already been made or will be made in order to adopt and implement all the necessary principles of the circular economy that will ensure the sustainable management of resources based on the 3Rs and will allow better decision-making on the waste management of the Municipal Solid Waste in the Municipality of Central Corfu and the Diapontia Islands (MCCDI).

Keywords: 100 Intelligent Cities Challenge (ICC), European Commission, Municipality of Central Corfu and the Diapontia Islands (MCCDI), waste management, Municipal Solid Waste (MSW),

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