PROJECT DESCRIPTION

SYSTEM was three and a half year project co-funded within the Horizon 2020 Programme. SYSTEM stands for *"SYnergy of integrated Sensors and Technologies for urban sEcured environment"* and was coordinated by Fondazione FORMIT.

The main objective of the transnational European initiative was to develop and test a customised sensing system for hazardous substances detection in complementary utility networks and public environments. For ensuring greater protection of citizens, the innovative monitoring and observing of fused data sources was tested in various urban areas.

The SYSTEM Consortium, composed by 22 partner organizations from Belgium, Germany, Italy, Poland, Slovak Republic, Sweden, and the United Kingdom, included four law enforcement authorities (RaCIS – Arma dei Carabinieri, Bundeskriminalamt Kriminaltechnisches Institut, Centralne Laboratorium Kryminalistyczne Policji, Ministry of Interior of the Slovak Republic), three utility network operators (Acea ATO 2 SpA, Acqualatina S.p.A., BVS a.s.), five scientific/academic partners (Universität der Bundeswehr München, Hochschule Fresenius gGmbH, Warsaw University of Technology, Ustav Hydrologie Slovenskej Akademie Vied, Vrije University Belgium), two industrial partners (Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V., RESI Informatica S.p.A.), four small and medium enterprises (Blue Technologies sp. Z o.o., CapSenze Biosystem AB, SENSICHIPS Srl, T4i Engineering Ltd), two research foundation/no profit organizations (Fondazione FORMIT, ISEM – Inštitút pre medzinárodnú bezpečnosť a krízover riadenie), one association (Observatory on Security and CBRNe Defence), and one municipality (Roma Capitale). Additional law enforcement authorities, utility network operators and municipalities provided their commitment to support testing and demonstration of innovative technologies.

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SYSTEM Facts & Figures
Funding programme: Horizon 2020
Call: Fight against crime and Terrorism, SEC-10-FCT-2017: Integration of detection capabilities and data fusion with utility providers' networks
Type of action: Innovation Actions
Project Reference: 787128
Starting date: 1 September 2018
Duration: 42 months
Number of partners: 22
Total cost: € 9.159.532,29
Total EU funding: € 7.926.171,45