SYnergy of integrated Sensors and Technologies for urban sEcured environMent

D9.8
PROMOTIONAL VIDEOS

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Abstract	This deliverable briefly presents the shape given to the three promotional videos developed as exploitation material of the SYSTEM project.

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Register of document versions

Partner acronym	Version number	Date	Suggested relevant changes	Notes
FORMIT	V1.0	07/03/2022	Draft version	
OSDIFE	V2.0	11/03/2022	None	
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FORMIT	V3.0	12/03/2022	None	Final version of the document

Every information is updated to the date of issue of this document

This document is composed by 8 pages

Table of Contents

List of figures

List of acronyms and abbreviations

CA	Consortium Agreement
DoA	Description of Action
GA	Grant Agreement
GC/MS	Gas Chromatography – Mass Spectrometry
LC/MS	Liquid Chromatography – Mass Spectrometry
Micromole	Sewage monitoring system for tracking synthetic drug laboratories
NOSY	New Operational Sensing sYstem
SYSTEM	SYnergy of integrated Sensors and Technologies for urban sEcured environMent
WP	Work Package

EXECUTIVE SUMMARY

This deliverable reports on the three promotional videos designed by the SYSTEM consortium as part of the exploitation materials to share with the main project types of stakeholders (i.e., Law Enforcement Agencies, utility network operators, municipalities). The main aim is to provide them with brief insights on the SYSTEM project approach, findings and results whilst taking into account security issues related to the testing activities carried out.

Considering that the Funding and Tenders portal of the European Commission allows users to upload files not exceeding 20 MB, the three videos are made available on the SYSTEM Youtube channel and via accessing the project repository in the folder “Deliverables”.

1 MAIN ELEMENTS OF THIS DELIVERABLE

1.1 INPUT FROM OTHER PROJECTS

Key starting points of SYSTEM are achievements of two Horizon 2020 Innovation Actions, i.e., microMole (Grant Agreement No. 653626) and NOSY (Grant Agreement No. 653839). SYSTEM activities have been carried out to enhance the capability of the technologies developed in these two forerunning projects as well as to combine them with other commercial devices and sensing systems. In this sense, the promotional videos created to present the SYSTEM project approach, findings and results get direct input from the abovementioned projects.

1.2 INPUT FROM OTHER WPS AND RELATION WITH OTHER SYSTEM DELIVERABLES

This document receives no direct input from other WPs and has no relation with other SYSTEM deliverables.

1.3 APPLICABILITY

This deliverable is applicable amongst the SYSTEM Consortium starting from its first draft until its date of submission at the end of the SYSTEM project, without prejudice to any future updates.

1.4 REFERENCE DOCUMENTS

In order to set a framework in matter of a conflict between the Project Operational and Management Plan (D12.1) and other documents such as the Description of Actions (DoA) or the Grant Agreement, the following hierarchy will be applied:

1. Grant Agreement (GA);
2. Consortium Agreement (CA);
3. The Project Operational and Management Plan (D12.1).

The hierarchy related to the documents above implies that the latter document needs to be consistent with the former. In case of issues, this hierarchy of documents is mandatory.

1.5 PURPOSE OF THE DOCUMENT

This deliverable reports on the three promotional videos designed by the SYSTEM consortium as part of the exploitation materials to share with the main project types of stakeholders (i.e., Law Enforcement Agencies, utility network operators, municipalities). The main aim is to provide them with brief insights on the SYSTEM project approach, findings and results whilst taking into account security issues related to the testing activities carried out.

1.6 STRUCTURE OF THE DOCUMENT

The document is structured in the following way:

1. **Main elements of this deliverable**;
2. **Promotional videos** – briefly describing each video created in terms of objectives and contents.

2 PROMOTIONAL VIDEOS

The three promotional videos have been designed in order to provide specific target stakeholders, but also the general public, with brief insights about the SYSTEM project approach, findings and results, as part of the exploitation materials.
The following subsections provide a brief description of each video:

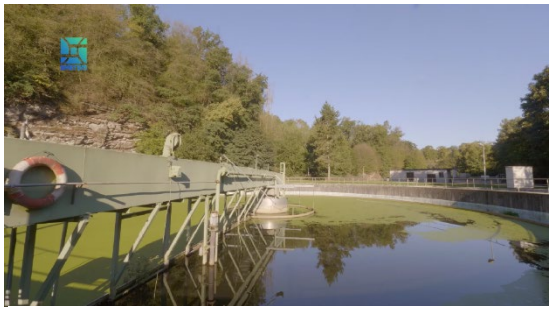

Figure 1 – Caption of promotional video 1

1. **Promotional video 1**: the aim of this video is to present the SYSTEM project and its concept, i.e., designing an integrated SYSTEM for monitoring of compounds to detect hazardous substances as supporting tool for the Law Enforcement Agencies in identifying illegal clandestine laboratories producing drugs or homemade explosives. After presenting the objective of the project, an overview of the 21 project partners contributing to the performance of the activities – with special reference to the visits and demonstrations held in non-controlled environment – is provided. The last part of the video finally focuses on briefly presenting the sensing technologies included in the SYSTEM solution for data fusion. The video is available on the SYSTEM Youtube channel, but also on this direct link and by accessing the project repository in the folder "Deliverables".

2. **Promotional video 2**: the aim of this video is to focus on the SYSTEM technologies working in the sewage scenario as one of the three environments where the SYSTEM solutions can be deployed to support Law Enforcement Agencies in their daily fight against crime. After presenting the scene (i.e., one of the wastewater treatment plants where testbed sessions, visits and demonstrations were held), an overview of all sensing devices deployed in such an environment (i.e., LC/MS, Smart Cable Water, SKAM WaSense, microMole, automatised liquid sampler) and the information about their manufacturers (labelled with their logos as in Figure 2) is provided. Each technology is therefore presented with a brief capture describing their functionalities as well as with a set of photos and videos narrating the testing activities carried out in non-controlled environment under WP8 (Demonstration execution and evaluation)). Finally, the GENESI Monitoring Centre as graphic user interface used by Law Enforcement Agencies fusing data from all sensing technologies simultaneously deployed is presented as final output achieved by the SYSTEM project. This video is available on the SYSTEM Youtube channel, but also on this direct link and by accessing the project repository in the folder "Deliverables".

Figure 2 – Caption of promotional video 2

Figure 3 – Caption of promotional video 3

3. **Promotional video 3**: the aim of this video is to focus on the SYSTEM technologies working in the solid waste and air scenarios as amongst the three environments where the SYSTEM solutions can be deployed. After presenting the scene (i.e., a set of photos and videos showing solid waste infrastructures made of waste bins and trucks, as well as air monitoring), an overview of all sensing devices (i.e. Smart Cable Air, T4i DOVER, T4i ARMA, T4i Dyna, passive sampling units and GC/MS) and the information about their manufacturer is provided. Each technology is therefore presented with a brief capture describing their functionalities and with a set of photos and videos narrating the testing activities carried out in non-controlled environment under WP8 (Demonstration execution and evaluation)). Finally, the GENESI Monitoring Centre as graphic user interface used by Law Enforcement Agencies fusing data from all sensing technologies simultaneously deployed is presented as final output achieved. This video is available on the SYSTEM Youtube channel, but also on this direct link and by accessing the project repository in the folder “Deliverables”.