PROJECT
S4AllCities

Smart Spaces Safety and Security for All Cities

S4AllCities integrates advanced technological and organizational solutions in a market oriented unified Cyber – Physical Security Management framework, aiming at raising the resilience of cities' infrastructures, services, ICT systems, IoT and fostering intelligence and information sharing among city's security stakeholders.

zabala INNOVATION

28	**9**	**€8 M**	**2**
PARTNERS	COUNTRIES	TOTAL BUDGET	YEARS

S4ALLCITIES

IN ONE CLICK

Coordinator	**Programme**	**Period**
EXUS	Horizon2020	2020-2022
Sector	**Web**	
SECURITY	https://www.s4allcities.eu/	

01
Challenge

In line with the EU Action Plan to support the protection of public spaces, the legal and policy protection frameworks for information and data security, the Action Plan to strengthen CBRN security, the Critical Infrastructure Protection Programme and the Civil Protection Mechanism tools, S4ALLCities aims to integrate advanced technological and organisational solutions into a unified security management framework that promotes the protection and resilience of EU smart cities against cyber and physical attacks.

02
Solution

In S4ALLCities we will not only bring in securely shielded access to highly augmented digital intelligence on the Smart City spaces and systems in context with the City operations and actors involved; but also the remote automated detection of human behaviour, measurements and identification of contents in suspicious in situ objects and vehicles within the smart space; cyberactivity and the diagnosis of the potential encountered threats; the actuation of steps totake for the management of critical situations and; the confirmation of threat elimination.

03
Impacts

In this project we will explore the fast-evolving field of adversarial attacks. We can consider adversarial attacks as arms-race now evolving as we can see conceptually in Figure 27. We will go beyond by creating a software module to identify and protect the neural networks of S4ALLCities from adversarial attacks.