

PROJECT ID

DURATION:

36 months (May 2018 – Apr 2021)

PARTNERS:

17 partners from 11 countries (France, Greece, Italy, Spain, Austria, Netherlands, Belgium, Poland, Serbia, United Kingdom, Bulgaria)

6 law enforcement agency (LEA)

FUNDING:

ANITA receives funding from the European Union's Horizon 2020 research and innovation programme.

CALL IDENTIFIER:

Call: SEC-12-FCT-2016-2017

Activity: H2020-SEC-2016-2017-2

PROJECT COORDINATOR:

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PARTNERS



ADVANCED TOOLS FOR FIGHTING
ONLINE ILLEGAL TRAFFICKING

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ANITA

ANITA will design and develop a novel knowledge-based user-centred **investigation** system for **analysing** heterogeneous (text, audio, video, image) online (Surface Web, Deep Web, DarkNet) and offline content for **fighting financing terrorism, illegal trafficking of drugs, counterfeit medicines, NPS and firearms.**

A

Innovative data source analysis of **crypto-currency network** and transactions and **blockchain technologies.**

B

Advanced **Big Data analytics** tools for automatic analysis of the vast amounts of multi-modal content of the identified sources.

C

Sophisticated **methodologies for capturing, modelling and inferring knowledge** in human understandable forms, extracting relevant and new knowledge from neural networks.

D

Development of an adaptive, cognitive user modelling framework that will capture, analyse, interpret, mimic and integrate **key human cognitive** and information processing functions.

E

Incorporation of **human perception/ cognition principles** in the system processing pipelines.

F

Domain-related and user-oriented intelligence applications to **identify patterns** for spatial, temporal and causal correlations among illegal trafficking events, entities and activities.

G

Support **decision-making processes** for countermeasures In-depth interdisciplinary analysis of the online illegal trafficking phenomenon.

MAIN GOALS

ANITA's primary goal is twofold:

1

To boost the **LEA's investigation process in a layered juridical and ethical approach** and to significantly increase their operational capabilities, by introducing a set of innovative tools for efficiently addressing online illegal trafficking challenges

2

To significantly facilitate the novice officers **training process** and to optimize the **learning curve.**



The proposed system capabilities will be demonstrated in multiple relevant environments.

PILOT



DRUGS AND MEDICINE

The key purpose is to detect and further monitor drugs, NPS and medicine trafficking activities from online transactions that are realized through the **Public Web**, as well as **Deep** and **Dark Nets**.



WEAPONS

ANITA aims at providing automated services for detecting weapon trafficking activities.



TERRORISM FUNDING

ANITA will provide means for retrieving **relevant online information** through the Web crawling services and those tools that are needed for the **analysis** of heterogeneous collected multimedia information.