



PROTON

Shedding light on criminal organisations
with social and computer science



Co-funded by the
European Union

The project

SCIENTISTS AND POLICY MAKERS OPENING NEW PATHS TO COUNTER ORGANISED CRIME, TERRORISM AND CYBERCRIME

PROTON is an innovative approach for a **better understanding of the recruitment mechanisms** in criminal and terrorist organisations. By combining social analyses with technological and computational sciences, the project aims at improving current prevention policies, as well as providing guidelines for policy makers and disparate end-users on a local, national and international scale. The ultimate goal is to tackle organised crime, terrorism and cybercrime through a reduction of their growth opportunities.

Impacts

USING VIRTUAL SOCIETY MODELS TO TEST THE IMPACTS OF SOCIAL AND ECONOMIC FACTORS IN THE FIELD OF ORGANISED CRIME, COUNTER-TERRORISM AND CYBERCRIME

From insights on the growth of criminal and terrorist organisations to the integration of social and computational disciplines, PROTON **will impact a wide spectrum of social and scientific aspects**. In particular, it will introduce the so-called agent-based-modelling simulations in the field of counter organised crime, terrorism and cybercrime and **promote a close collaboration between policy makers and scientists**, hence leading to the expansion of our current technological level, knowledge and security.



Understanding of criminal networks,
innovative social computer simulations,
user-friendly software against organised
crime, terrorism and cybercrime.
This is PROTON.



PROTON TARGETS THREE MAIN OBJECTIVES:

1

An investigation into the social, psychological and economic factors fostering criminals and terrorists recruitment will be performed. The results will provide inputs for the two further objectives, namely PROTON-S and PROTON Wizard.

2

PROTON-S is a **simulation procedure modelling the evolution of criminal organizations and terrorist networks** under societal and environmental changes. This is an innovative line of action, moving beyond current crime-prediction strategies.

3

PROTON Wizard is a **user-friendly software**, which provides easy access to the results of the PROTON-S simulations. PROTON Wizard is designed to help policy makers predict the impact of social and environmental countermeasures on criminal and terrorist networks.



PROTON

Modelling the processes leading to organised crime and terrorist networks



PROJECT COORDINATOR:

Università Cattolica del Sacro Cuore
Transcrime – Joint Research Centre on Transnational Crime



CO-COORDINATOR:

Hebrew University of Jerusalem
Institute of Criminology, Faculty of Law

PARTNERS:



Visit the PROTON website and register to receive the project's newsletter

www.projectproton.eu

Contact us: info@projectproton.eu



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