

CYBERSPACE DETECTION SYSTEM TOOL

(Task 4.1)

Tool objectives:

The Cyberspace Detection System will be programmed based on analysis of **metadata about violent and radicalised speech on the Internet**, analysing the incidence and prevalence of these deviant phenomena, its typologies, and its environmental factors. The main social network in which the dissemination of

hate speech and other radical content is studied will be **Twitter because of its totally public nature**. However, the same methodology might be applied in other social media platforms if the needs assessment in WP2 requires this.

Overview of approach to development/methodology:

The work will be done by designing a software instrument that detects and records the violent and radicalised discourse in cyberspace, based on the taxonomy of the violent and hate speech on open Webspaces developed by Universidad Miguel Hernández (UMH). The main novelty of this methodology is not only to detect certain violent or hateful content, but at the same time to evaluate its potential radicalising. Therefore, it is not an automatic search methodology but rather supervised automation; its main use is to give information to police departments or justice systems of the radical potential of certain content, and the quantitative or qualitative impact of the content.

