

How we do prevent environmental crimes

Tools, procedures and infrastructures solutions to increase the control and the intervention capacity on the territory

Illegal building, misuse of natural resources and other environmental abuses are just some of the elements that lead municipal governments to pay attention to human activities that involve changes of the territory and threats to human health. To keep track of the progressive changes of the territory, and to avoid the risks associated with environmental crimes, Planetek Italia has set up a set of tools, procedures and infrastructure solutions, aimed at implementing an Integrated Environmental Crime Prevention service.

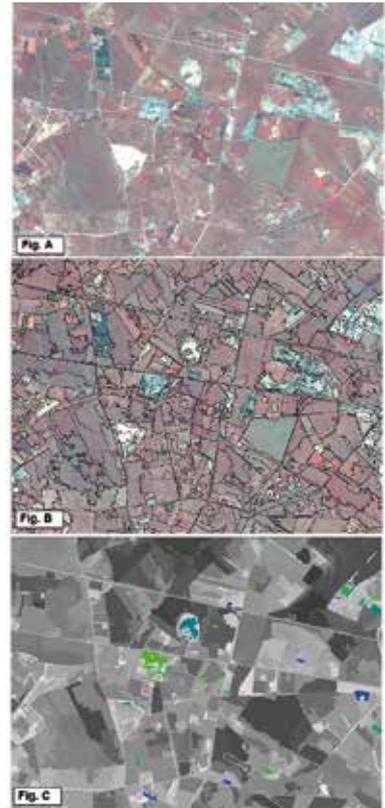
This integrated service, for the monitoring and prevention of urban and environmental crimes, allows the analysis and the control of the urbanization and the impact of other human activities in the urban area.

Through the use of satellite imagery, sensors, cameras and web reporting tools for citizens, and thanks to the support of geospatial intelligence, we enable

operators of the municipality and the Police to get a quick acknowledge of the phenomena related to their areas, to process information, and to identify priority. All this in a very short time, enabling quick actions and effective interventions.

Those services, already adopted by several municipalities in Italy (eg. the city of Canosa, in a land very attentive to the issue of prevention of environmental risks, or the city of Giugliano in Campania, epicenter of an area with important issues of environmental significance), supports decision making and intervention strategies through workflows accessible via a Web platform (Smart Client) by a potentially unlimited number of users.

The workflow is oriented to the maximum ease of use. Using Geospatial Intelligence softwares, base maps, Earth observation data collected on a regular basis and other information sources



accessible through the integration with external systems (such as, for example, the Information System for the Environmental Protection of the Italian police), the operators can update cartographic themes dedicated to the land monitoring. Those new information can be compared with geocoded records and reports, in order to provide information for the planning of interventions, and to manage afterwards the results of the actions taken.

This approach increases the level of control of the territory, the capacity and resources of local operators committed to a continuous control of the territory, whose presence and intervention is the best deterrent for environmental crimes, and provides citizens important resources for their active participation in the policies for land conservation and prevention of environmental crimes.