

Research project IZS VE 04/11

Data harmonisation and metadata implementation for the infectious diseases outbreaks management in the Veneto Region: a best practices' propose for the information system repeatability

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This project continues the research activity already launched in the past years by the IZSve for the application of an Health Information System in the Veneto Region. The aim of this research is to promote the integration of databases and the interaction between different Sanitary Authorities. Its main purposes are both the completion of data flow processes related to the management of an infectious disease outbreak, including the fulfilment of data required by the National Information System on Animal Diseases, and the redefinition of the semantic and technological infrastructure, in order to warrant the system openness and a complete data harmonisation.

To formally describe the technical components and make them exportable towards other platforms, a process analysis will be performed; it will lead up to the drafting of a terms' glossary and an users' handbook. At the same time a specific work on metadata implementation will be started in order to describe the available data in a formal schema, according to the guidelines provided by the INSPIRE Directive (2007/2/CE), which defines a set of rules for a Spatial Data Infrastructure implementation in Europe.