

## D6.3 Functional design for decision support systems for Smart Borders - Summary

The need of strengthening the EU's external borders has been one of the priorities of the European Union in the last years. Seeking for a modernization of the EU borders, different solutions are being investigated and implemented. Evaluating the best alternative requires a significant number of factors that a Border Guard managers have to take into consideration in order to make a balanced decision. As part of the BODEGA project, this work intends to close this gap by setting the foundations of a Decision Support System that makes the evaluation of alternatives easier.

The aim of this research is twofold,

1. to analyse the existing methodologies for assessing a decision. Given the strong focus of BODEGA in human factors, *Qualitative Criteria Assessment* is deeply studied as it is more suitable to evaluate subjective and non-tangible factors.
2. to develop a functional design of Decision Support Systems specific for Smart Borders, that feeds from the Performance Model built in WP4. The functional design presents the main components of the system, detailing the main features and functionalities that it must have.

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