

I-REACT

IMPROVING RESILIENCE TO EMERGENCIES THROUGH
ADVANCED CYBER TECHNOLOGIES

Risk management plan and knowledge management strategy

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1 INTRODUCTION

1.1 PURPOSE OF THE DOCUMENT

This document (D1.1) reports the outcomes of the activities performed in Task 1.2 “*Quality Assurance & Risk Management*” and in the first 2 months of Task 1.3 “*Advisory Board and Innovation Management*” within the frame of the Work Package 1 (WP1) “*Management*” of the I-REACT project ([RD01]).

The purpose of this document is to define the I-REACT:

- **Risk Management Plan (RMP)** aimed at identifying potential challenges and risks during the entire project execution and preparing a contingency plan that will deal with them in case they emerge. Provisions will be taken to minimize potential problems;
- **Knowledge Management Strategy (KMS)** aimed at creating, capturing, distributing, organizing and effectively using knowledge.

In line with that, the main objectives of this deliverable is to:

- Describe the systematic **approach and methodology** used for the risk and knowledge management processes;
- Define I-REACT project **roles and responsibilities** in relation to these processes; and
- Provide an **overview** of I-REACT’s:
 - Risks aiming at developing a contingency plan to minimize threats towards the achievement of project objectives;
 - Activities aiming at creating, collecting, evaluating, sharing and retrieving all Consortium knowledge assets.

These objectives were the main drivers for the document preparation. Therefore, the structure of the deliverable clearly reflects its goals, as the paragraph below shows.

1.2 STRUCTURE OF THE DOCUMENT

The document is organized as follows:

- **Chapter 1** is the introduction and description of the document itself;
- **Chapter 2** is devoted to the methodology used for risk and knowledge management;
- **Chapter 3** presents I-REACT roles and responsibilities related to the considered processes;

- **Chapter 4** provides an overview on project risk and knowledge management processes; and
- **Chapter 5** reports the main conclusions.

1.3 ACRONYMS LIST

DMP	Data Management Plan
KM	Knowledge Management
KMS	Knowledge Management Strategy
RMP	Risk Management Plan
RSI	Risk Severity Index
WP	Work Package

1.4 REFERENCE AND APPLICABLE DOCUMENTS

ID	Title	Revision	Date
[RD01]	I-REACT Technical Annex	-	27/08/2015
[RD02]	I-REACT Risk Assessment	v.0.3	01/08/2016
[RD03]	I-REACT Deliverable and Action Monitoring tools	-	28/06/2016
[RD04]	http://www.praxiom.com/iso-31000-terms.htm	-	-
[RD05]	http://en.wikipedia.org/wiki/Risk_management	-	-
[RD06]	http://www.knowledge-management-tools.net	-	-
[RD07]	Importance of Knowledge Management Processes in a Project-based organization: a Case Study of Research Enterprise, ScienceDirect	-	2014