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ABBREVIATIONS AND ACRONYMS

ABBREVIATION	DESCRIPTION
PCCDN	Post Crisis Needs Assessment Tool in regards to Construction Damage and related Needs
DoW	Description of work
WSN	Wireless Sensor Networks
OGC	Open Geospatial Consortium
SOS	Sensor Observation Service
SES	Sensor Event Service
SPS	Sensor Planning Service
SOA	Service Oriented Architecture
ESB	Enterprise Service Bus
WSDL	Web Services Description Language
SOAP	Simple Object Access protocol
GWT	Google Web Toolkit
GDACS	Global Disaster Alert and Coordination System
EUMETNET	Network of European Meteorological Services
RSS	Really Simple Syndication
BIM	Building Information Modelling
IFC	Industry Foundation Classes
BIMserver	Building Information Model server

EXECUTIVE SUMMARY

This document is the accompanying report of the Deliverable 5.5, Applications software development of Work Package 5 (Post Crisis Needs Assessment Tool in regards to Construction Damage and related Needs (PCCDN)). In chapter 1, the design of the PCCDN tool is presented and the system architecture that has been adapted in order to achieve these objectives and user requirements is described. The next chapter offers a concise description of the information content of the PCCDN tool and the Data and Knowledge Bases. Finally, the generic database application that has been deployed and the interfacing of the PCCDN tool with the other WPs of RECONASS is presented. Technology selection and implementation details are given in an effort to clarify the development of the application.