

D34.1 List of CBRN-E technology bricks - sensor selection

PUBLIC SUMMARY ONLY (PS)

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1 Public summary

To be prepared for CBRNE related incidents, sensors are required for public transport hubs which enable to detect potential threats, assess the dispersion of the agent and monitor post event contamination and which will measure the effectiveness of the decontamination efforts.

A survey is made of sensor technologies for CBRNE with a demonstrated maturity within and outside the SECUR-ED consortium. The technology upon which these sensors are based is described in the chapters. Technical specifications of the sensors rated within this deliverable are listed in the chapters 10-14.

The selection of the proper sensor technology is however dependant on three factors; the scenario, the available funds and the agents to be detected. In chapter below a methodology is described to order the sensors of the survey based upon a number of technological characteristics and the agents to be detected.

Based upon this ordering a sensor recommendation for adaptation in the demonstrations is given in paragraph (see the complete document) for the several demonstrations.

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