

11 OCTOBER 2016

End-user driven
DEmo for cbrNe

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Needs and Gaps Identified in the Food Demonstrations

A European Commission Seventh Framework Programme

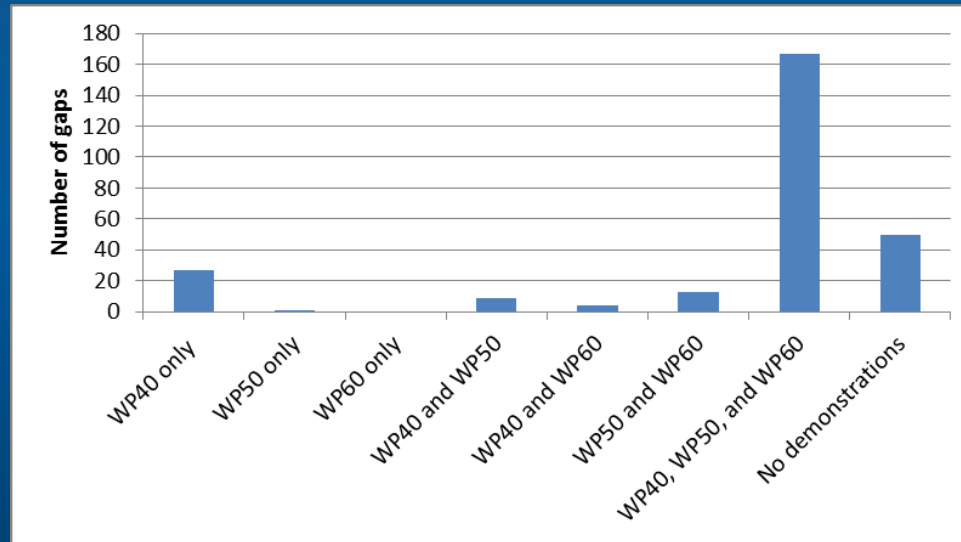
This document is produced by the EDEN consortium and the research leading to these results has received funding from the European Community's Seventh Framework programme (FP7/2012-2016) under grant agreement no 313077



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In general about needs and gaps

- Some gaps & needs specific for WP40 (Food), 50 (Multi-chemical) or 60 (Radiological), some overlapping with other demonstrations (common gaps)
- The gaps were combined with corresponding needs, requirements and tools

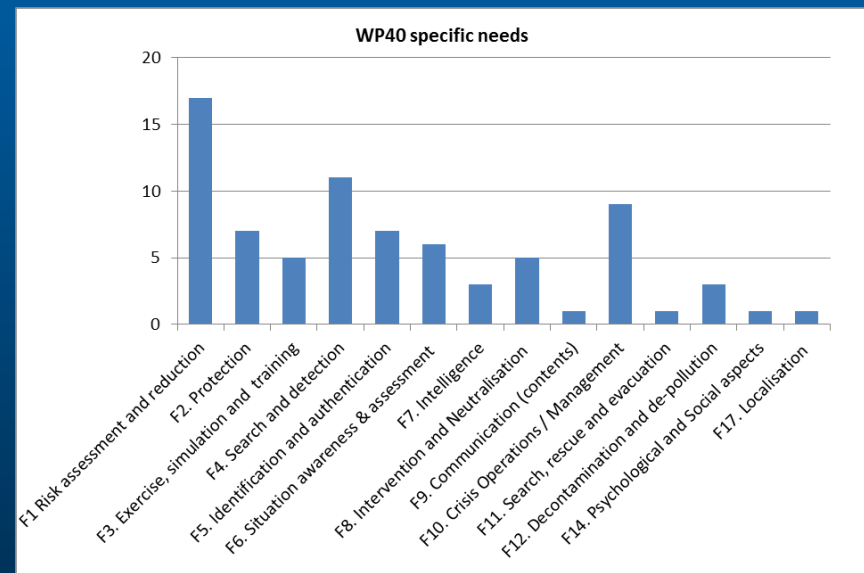
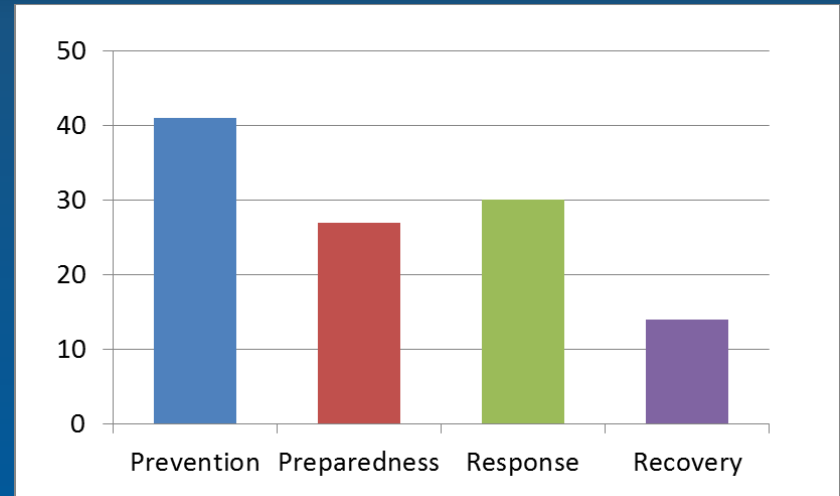


Security cycle phase	Common gaps	C - C/Med	B - B/Med	RN - RN/Med	Total
Prevention	116	6	4	9	135
Preparation	117	5	3	3	128
Response	184	4	4	11	203
Recovery	104	4	0	6	110

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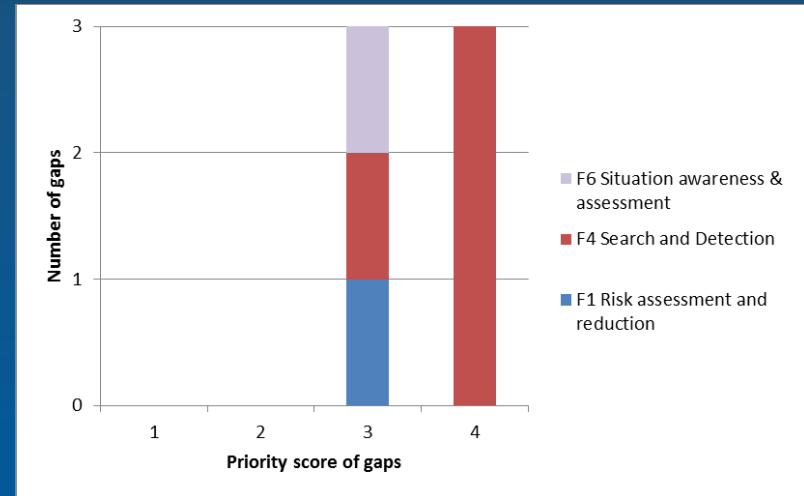
Needs identified for the food demonstrations

- Main needs:
 - **Risk and vulnerability** assessments
 - **Access** control and vetting
 - **Detection** and rapid alerts
 - Threat database
 - **Reliable traceability**
 - **Communication**, public impact
 - Improved communication national ↔ European



Gaps identified for the food demonstrations

- **Prioritised C/B and C/B-Med gaps:**
 - Lack of validated **test methods** for B/C **detection/screening**
 - Sharing **best practice** for food industry
 - Lack of **detectors** for relevant B and C agents in food products and other matrices
 - Widening the scope and the precision of current **traceability systems** towards product and brand protection solutions combining authentication, item-level identification, aggregation & disaggregation, and tamper-evidence capabilities



Gaps addressed in the food demonstrations



- 13 priority gaps and 4 non-priority gaps addressed
- Main areas:
 - ❖ Access control and awareness for food defence
 - ❖ Detection equipment and technologies
 - ❖ Communication between food industry and health authorities
 - ❖ Effective recall and traceability along the whole food chain
 - ❖ Test methods for biological agents in food
 - ❖ Widening the scope and the precision of current traceability systems towards product and brand protection solutions

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End User Driven Demonstrator for CBRNe (313077)

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Project co-funded by the European Commission within the
Seventh Framework Programme (2012-2016)



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