

October 2016

End-user driven  
DEmo for cbrNe

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(EDEN coordinator)

## EDEN- End User Driven Demonstration for CBRNe

A European Commission Seventh Framework Programme

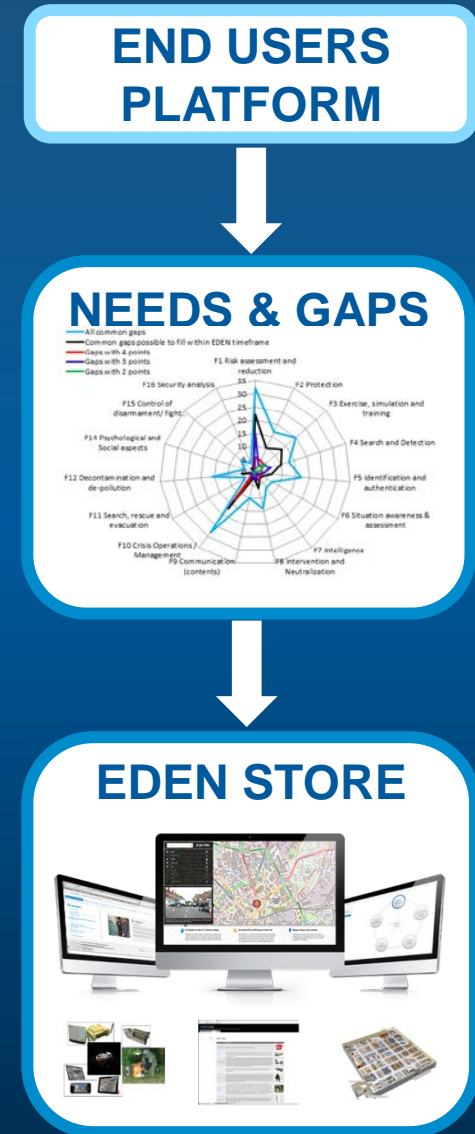
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# EDEN ACHIEVEMENTS



- Detailed needs identified through end user workshops
  - >300 gaps identified (64 priority)
  - Scenarios generated and Tools, Toolkits identified to meet needs and gaps
- EDEN Store and ToT developed, integrated and demonstrated
  - >270 tools in Catalogue
  - Expert Network
  - EDEN live,
  - Training,
    - New training modules (including for population) and operating procedures included in EDEN Store
  - Market Place



# EDEN ACHIEVEMENTS

- Demonstrations and Evaluation
  - 15 demonstrations and Test Service Period conducted
    - Radiological, Chemical, Food Defense
  - 109 tools evaluated
    - 62 consortium and 47 from platforms
  - >300 end users involved in the EDEN demonstrations as observers and evaluators
  - Impact on closing gaps assessed
  - 90 gaps addressed (52 priority)

## DEMONSTRATION & EVALUATIONS

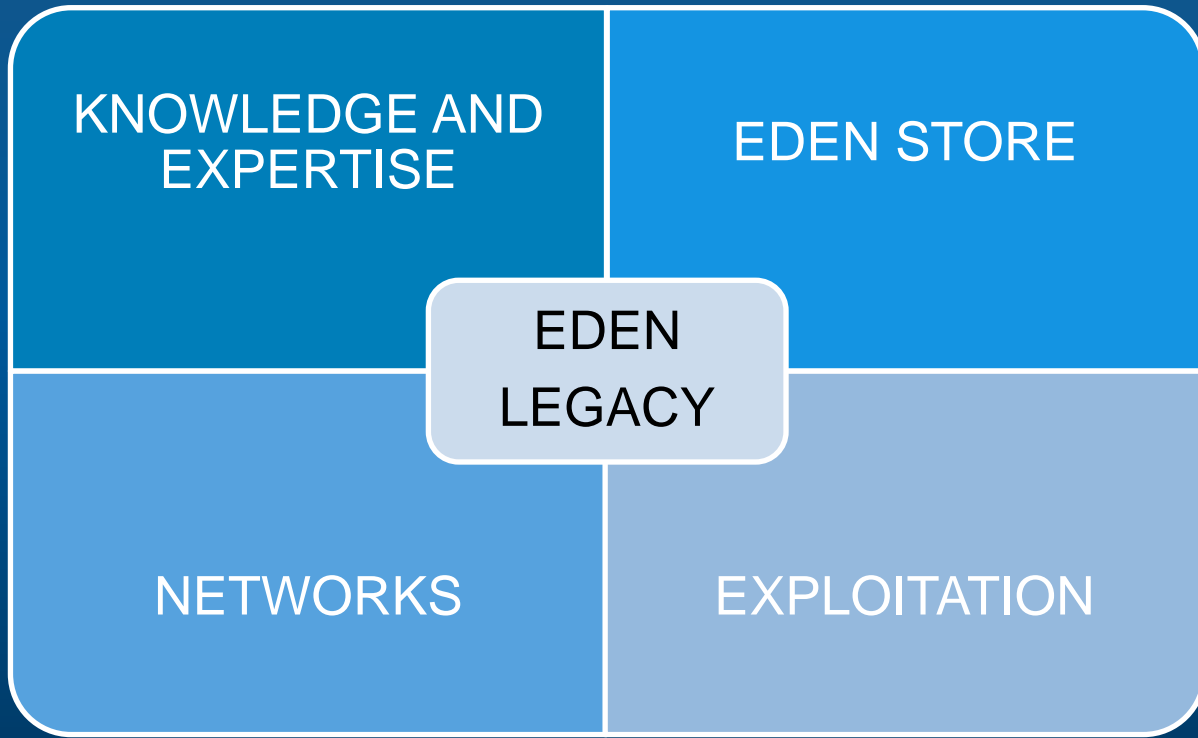
**EDEN Resilience Matrix Tool**

	P	A	T
K	5.3	5.0	5.0
A	5.6	4.7	4.5
E	4.0	4.5	4.5
	4.8	4.5	4.6

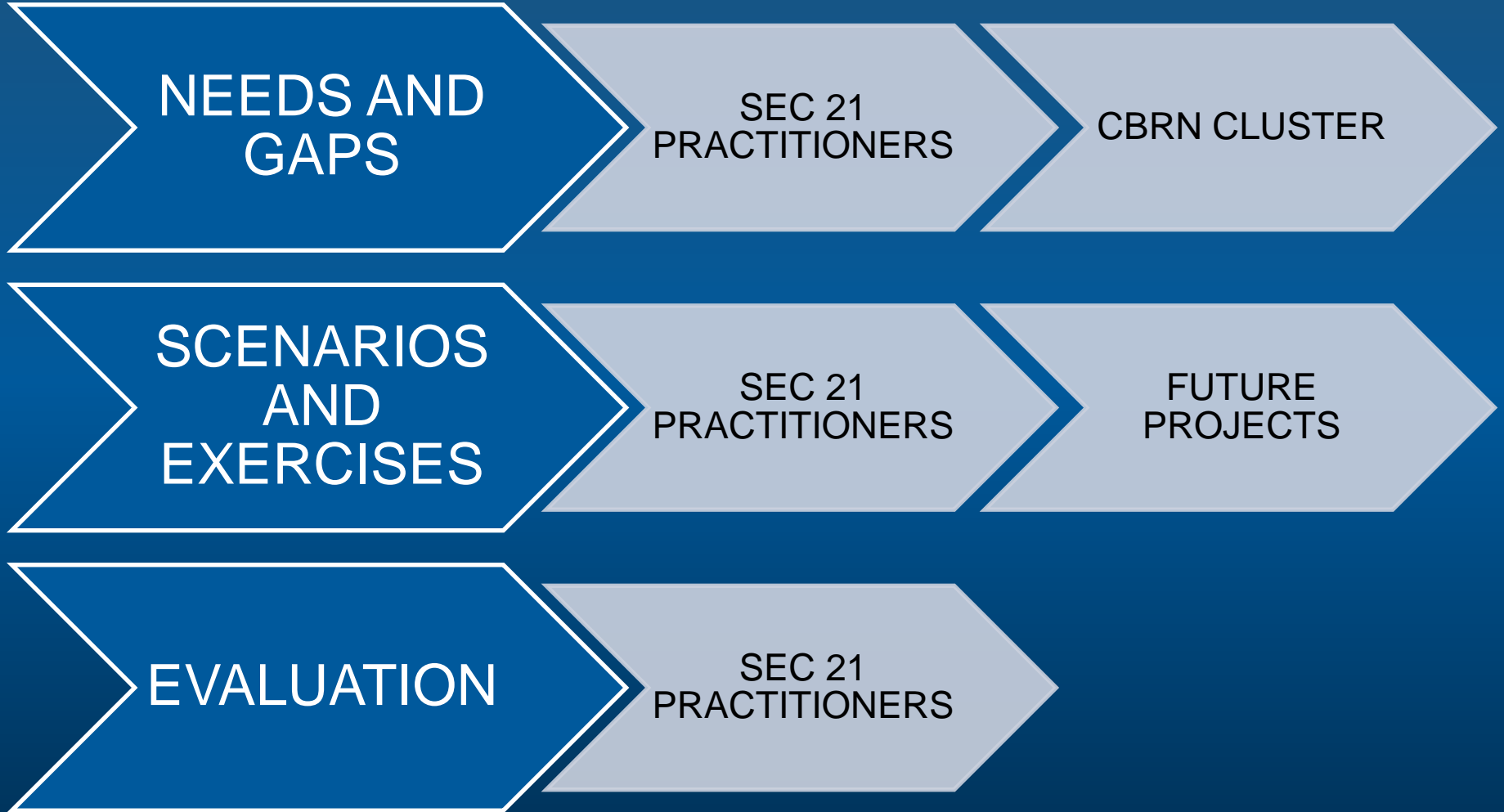
Overall Resilience	Key
4.7	4.0 Poor
	3.0 Moderate
	2.0
	1.0
	0.0 Excellent



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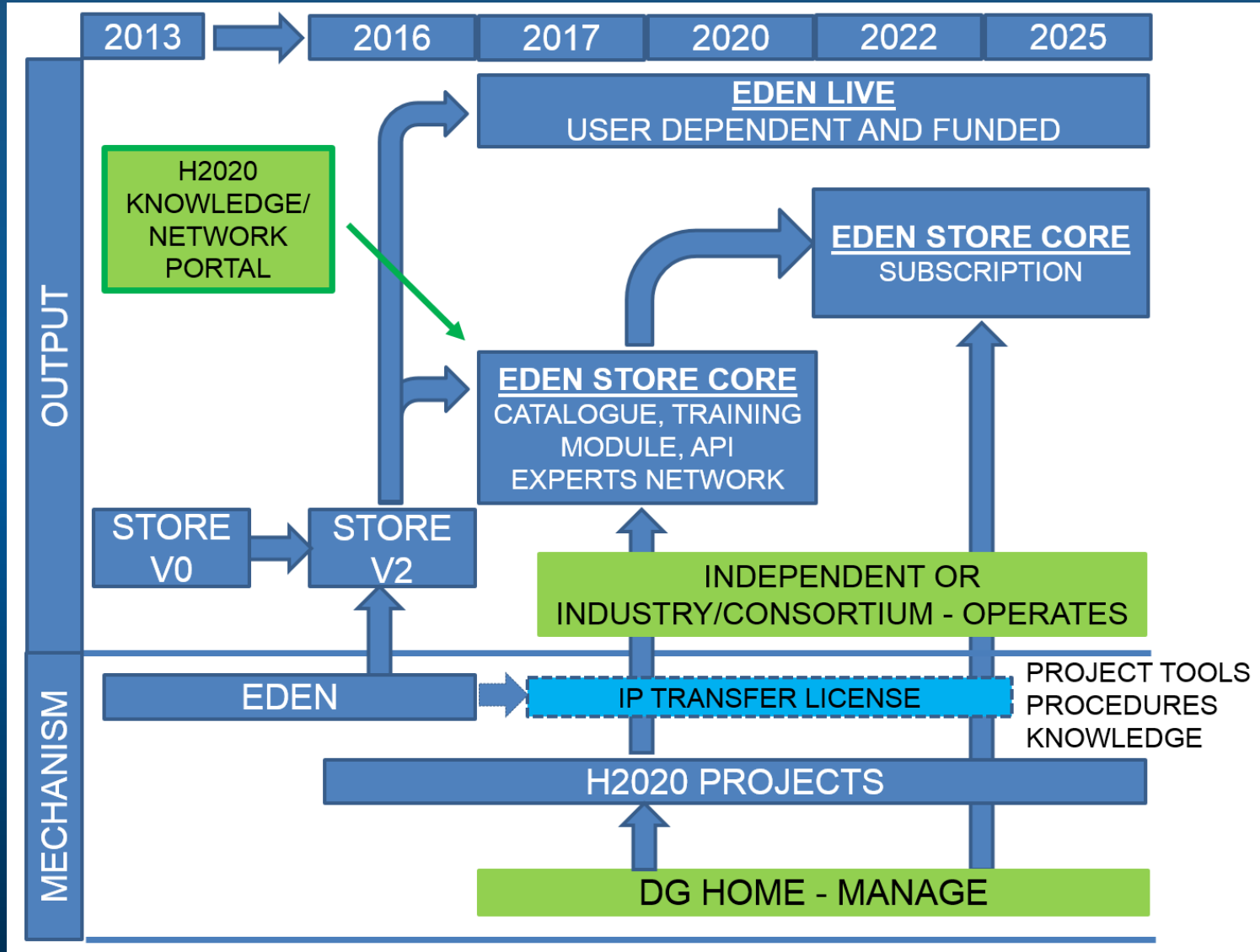


# KNOWLEDGE AND EXPERTISE

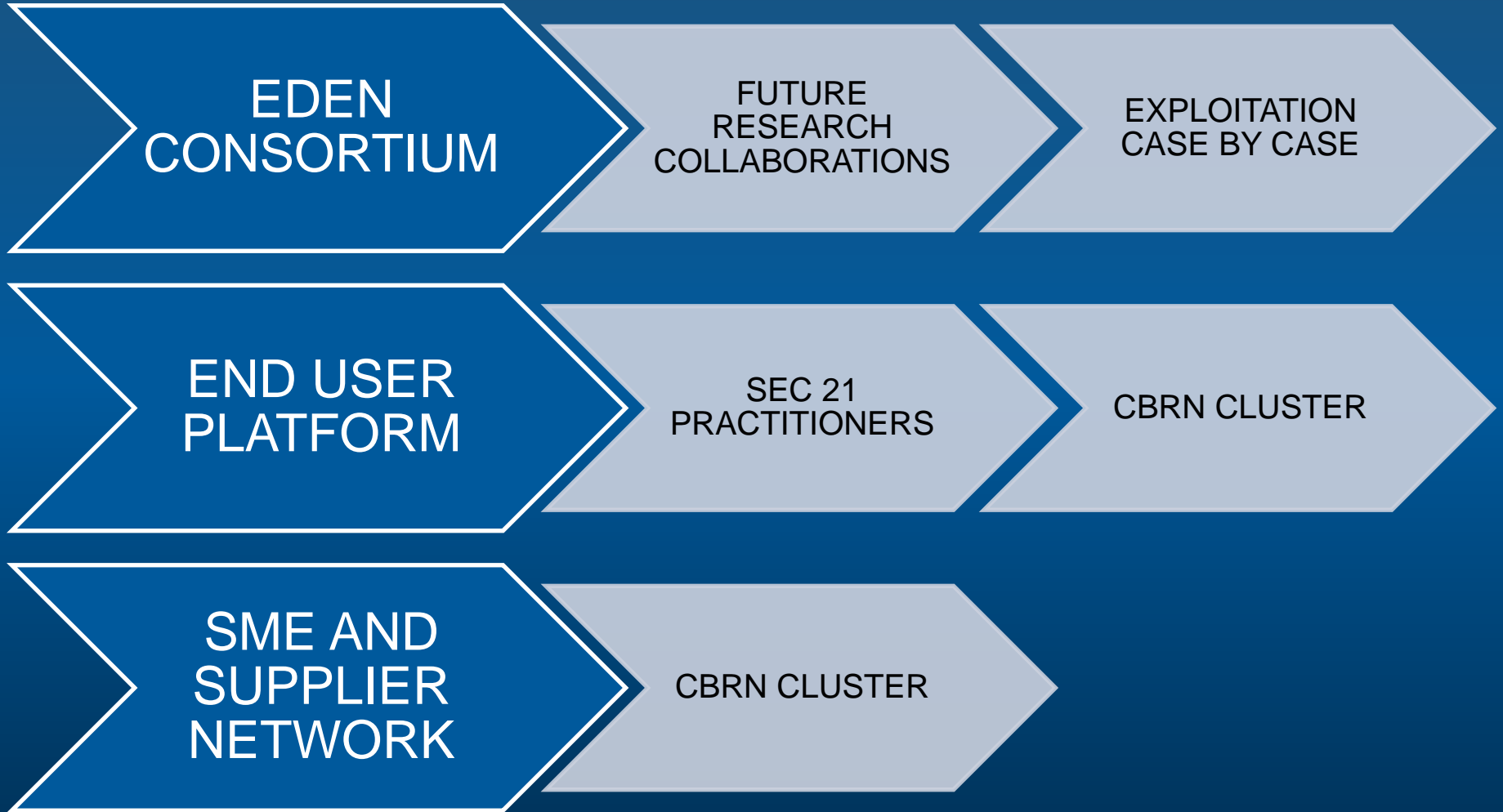


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# EDEN STORE – Exploitation Option



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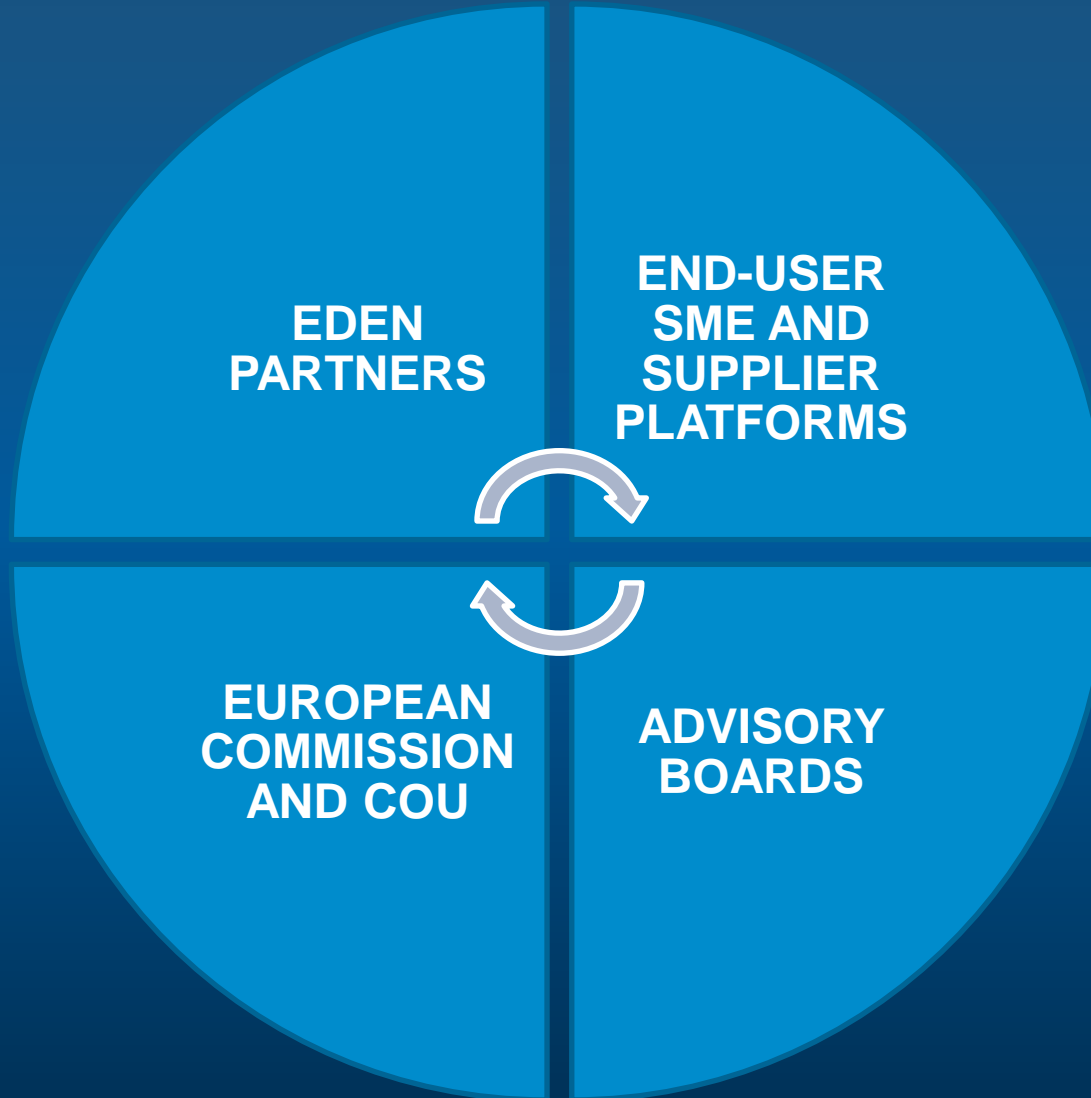
# EDEN EXPLOITATION - EXAMPLES



- CONSORTIUM
  - CBRNE LTD – working with SME platform members for achieving TRL 9 and subsequent marketing
  - BAE SYSTEMS – working with SME Platform members and practitioners for future exploitation and deployment of situational awareness capability
  - PIAP – CBRNe response tools integrated in robotic platforms. The capability is available for interested parties from European and Asian countries .
  - ENEA has signed a NDA with Kaken Test Center (Japan) for the utilization of the two ENEA EDEN tools ILS (Integrated Laser Sensor for stand-off Explosive detection) and 3D laser sensor for nuclear applications.
- PLATFORMS
  - Security cameras are going to be installed by a large European Retail Chain in order to reduced the possibility of intentional food contamination of products
  - UK SME Sensor Platform members are working with Consortium partner for future exploitation and marketing
- PRACTITIONERS
  - Investigating modifying existing procedures to include unmanned systems into operational use



# CLOSING REMARKS



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# CONTACTS



- EDEN WEBSITE AND STORE
  - EDEN PROJECT website : <http://www.eden-fp7-security.eu/>
  - EDEN STORE website : <https://eden.astrium-eu-projects.eu>
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End User Driven Demonstrator for CBRNe (313077)

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