



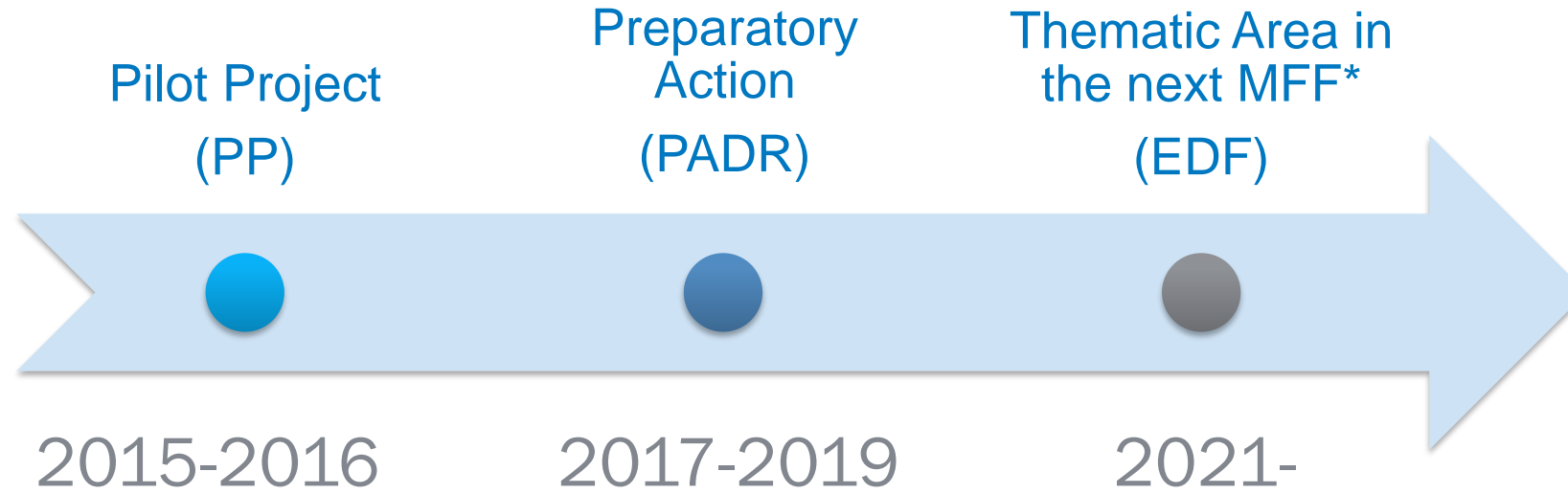
# State of play of the Pilot Project and the Preparatory Action on Defence Research



SEDE, 19 February 2019

Preparatory Action for Defence Research - PADR programme is funded by EU.  
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# TIMELINE

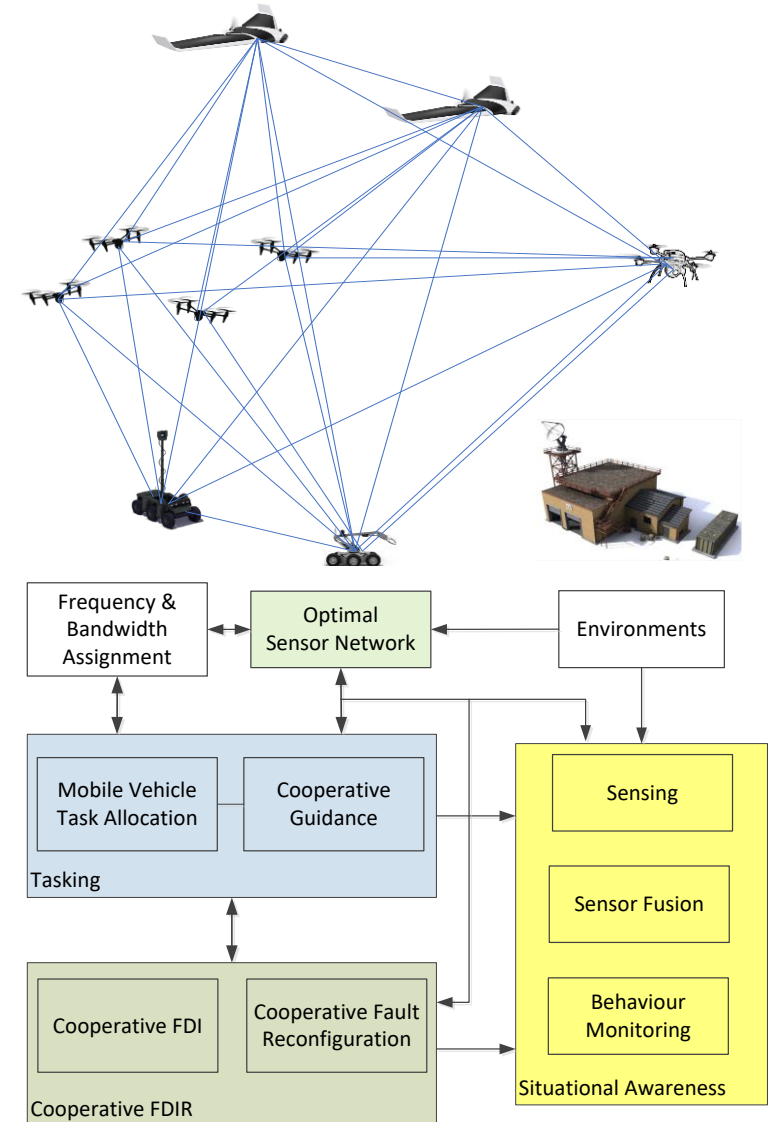


\*Multi-annual Financial Framework

# EXAMPLES OF PROJECTS (1/3): PILOT PROJECT - EUROSARM

## Unmanned Heterogeneous Swarm of Sensor Platforms

- Techniques for **adaptive, scalable and robust** operations
  - Validated in realistic **high value military scenario**
  - Demonstrated on a **small scale set of experiments**
- **Funded by EU** €434k, 12 months
- Kick off November 2016, end February 2018
- Cranfield University (UK) Coordinator + 3 entities from 3 MS



# EXAMPLE OF PROJECTS (2/3): PREPARATORY ACTION - OCEAN 2020

## Open Cooperation for European mAritime awareNess

- Enhanced **situational awareness** in maritime surveillance and interdiction missions at sea
  - Planned **demonstrations in Mediterranean and Baltic seas**
  - Opportunity to build **Command and Control (C2) modules** in a multi-company environment
- **Funded by EU** €35,5M, 36 months
  - Kick off April 2018
  - Leonardo (IT) Coordinator + 40 entities from 15 MS + 1 international organization



# EXAMPLE OF PROJECTS (3/3): PREPARATORY ACTION - GOSSRA

## Generic Open Soldier System Reference Architecture

- Develop **Soldier System Reference Architecture** ready for standardization
- Develop and validate the desired Reference Architecture by:
  - operational and technological **trends**
  - architecture with operational, logistics, and technical **issues**
  - formulating the **architecture for standardization**, validated, demonstrated and refined

**Funded by EU** €1,5M, 22 months

- Kick off June 2018
- Rheinmetall Electronics (DE) Coordinator + 8 entities from 6 MS



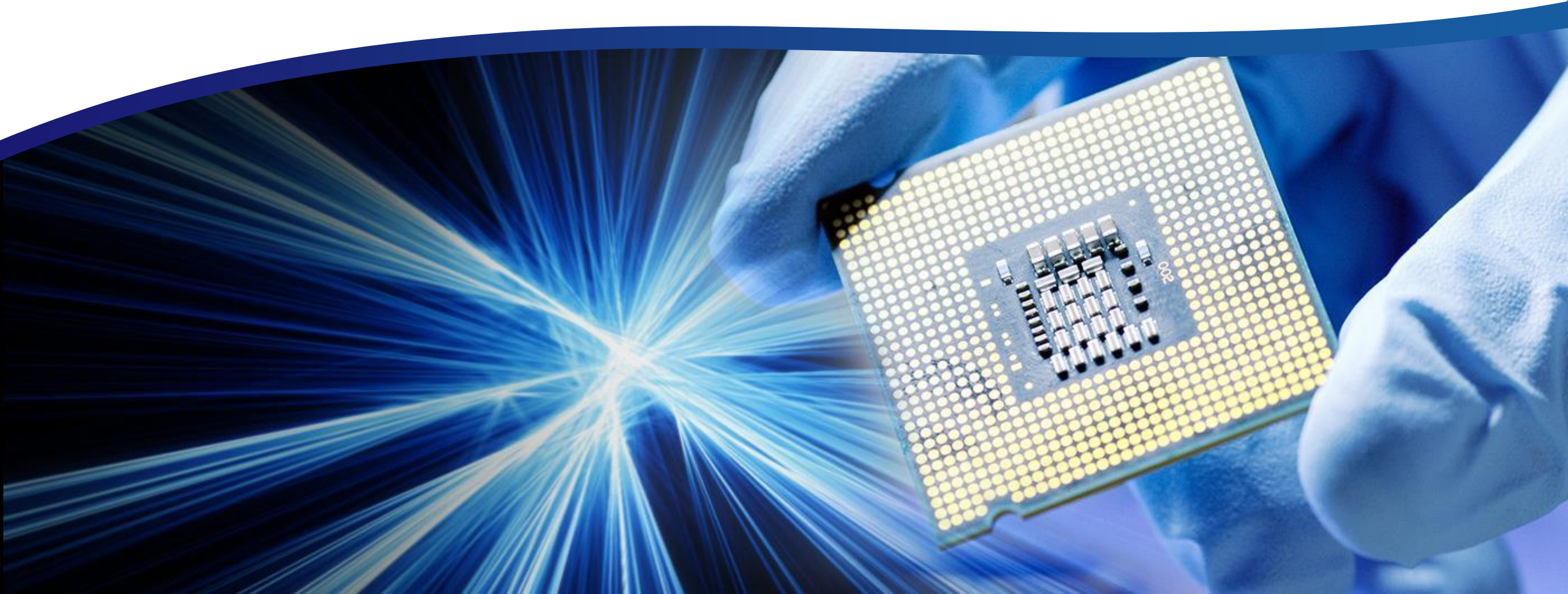
# PP AND PADR LESSONS LEARNT

**Specific aspects**

**Consultation with stakeholders**  
**Description of topics**  
**Defense specificities**

**EC-EDA cooperation**

**Upstream**  
**Implementing**  
**Downstream**



**THANK YOU – Q&A**