

Pre-Commercial Procurement *compared to* Innovation Partnership

1

IDEA

Unproven concept



2

BASIC PRINCIPLES OBSERVED AND REPORTED

The lowest level of maturation.
The concept/idea transfer into research and development



3

TECHNOLOGY CONCEPT FORMULATED

Practical applications being invented or identified



4

A CONCEPT PROVEN BY AN EXPERIMENT

Both analytical studies and laboratory-based studies



5

VALIDATION IN LABORATORY ENVIRONMENT

Basic technological elements must be integrated together and proof that they will work and reach the aim set.



6

VALIDATION IN RELEVANT ENVIRONMENT

Test in an environment close to the actual one



7

TECHNOLOGY DEMONSTRATION IN A RELEVANT ENVIRONMENT

Demonstrate the solution (prototype)



8

PROTOTYPE DEMONSTRATION IN AN OPERATIONAL ENVIRONMENT



9

COMPLETED AND CERTIFIED SYSTEM

It operates at a production level



10

PROVEN SYSTEM

Successful operations



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This Roadmap has been developed with support and funding of:

PROCEDIN

Building Procurement Capability for Embedding and Driving Innovation