

Innovation and Academic Pathways

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TRL Level	1	2	3	4	5	6	7	8	9
European Commission	Basic principles observed	Technology concept formulated	Experimental proof of concept	Technology validated in lab	Technology validated in relevant environment	Technology demonstrated in relevant environment	System prototype demonstration in operational environment	System complete and qualified	Actual system proven in operational environment

Type	Idea	Concept		Technology			System		
Activity	Discovery	Invention			Development				Deployment
Research	Basic Research			Applied Research		Demonstration			Application
Deliverable	Proof of principle		Proof of concept		Prototype			Product	
Situation	Laboratory				Real World/Living Labs			Design lab	Market
Example		Technological research			Demonstration & Pilot Line		Operation		

Focus	<ul style="list-style-type: none"> • Research focus & profile • Academic cooperation & partnerships • Strategic academic partnerships 	<ul style="list-style-type: none"> • Public-private cooperation • Ecosystem development • Business development • Strategic private partnerships 	<ul style="list-style-type: none"> • Cooperation with societal partners • Solutions for societal challenges • Strategic societal partnerships
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