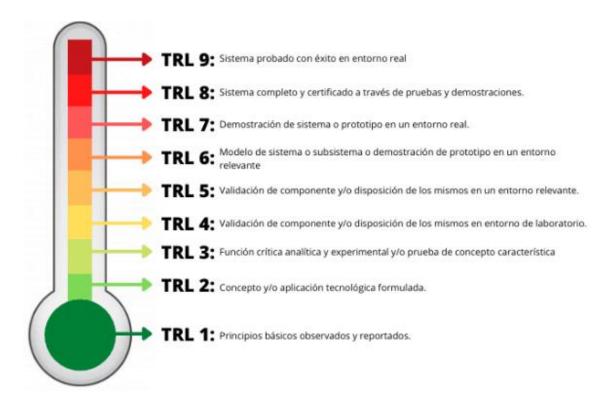
TRL (Technology Readiness Levels)



- 1. TRL 1 Principios básicos estudiados
- 2. TRL 2 Concepto tecnológico formulado
- 3. TRL 3 Prueba de concepto experimental
- 4. TRL 4 Tecnología validada en laboratorio
- 5. TRL 5 Tecnología validada en un entorno relevante (entorno relevante industrial en el caso de las tecnologías facilitadoras clave KET-)
- 6. TRL 6 Tecnología demostrada en un entorno relevante (entorno relevante industrial en el caso de las tecnologías facilitadoras clave KET-)
- 7. TRL 7 Demostración de prototipo en entorno operacional
- 8. TRL 8 Sistema completo y cualificado
- 9. TRL 9 Sistema real probado en un entorno operacional (fabricación competitiva en el caso de las tecnologías facilitadoras clave -KET- o en el de espacio)

TRL 1 BASIC RESEARCH Principles postulated and observed but no experimental proof available	TRL 2 TECHNOLOGY FORMULATION Concept and application have been formulated	TRL3 APPLIED RESEARCH First laboratory test complete; proof of concept	TRL4 SMALL SCALE PROTOTYPE Built in a laboratory environment ("ugly" prototype)	TRL5 LARGE SCALE PROTOTYPE Tested in intended environment	TRL6 PROTOTYPE SYSTEM Tested in intended environment close to expected performance	TRL7 DEMONSTRATION SYSTEM Operating in operational environment at pre- commercial scale	TRL8 FIRST OF A KIND COMMERCIAL SYSTEM Manufacturing issues solved	TRL9 FULL COMMERCIAL APPLICATION Technology available for consumers
BASIC RESEARCH	APPLIED RESEARCH		TECHNOLOGY DEVELOPMENT		PROTYPE AND SYSTEM DEVELOPMENT			
HARDWARE AND	SYSTEM TECHNOLO	GIES						
DEFINE BASIC PROPERTIES	ANALITICAL STUDY	PROOF OF CONCEPT	PRE PROTOYPE	PRE PROTOYPE TESTED IN LAB	PRE PROTOYPE TESTED IN RELEVANT ENVIRONMENT	APPROVED PROTOTYPE	PRE-SERIAL MANUFACTURING	PRODUCT ON MARKET
PHARMACEUTICA	L							
FINDING REVIEW	RESEARCH IDEA	DESIGN PROOF OF CONCEPT	PRODUCED DEMONSTRATE	PILOT DRUG PRODUCED	PHASE 1 CLINICAL TRIALS	PHASE 2 CLINICAL TRIALS	NEW DRUG REGISTRATION	DRUG DISTRIBUTED AND MARKETED

