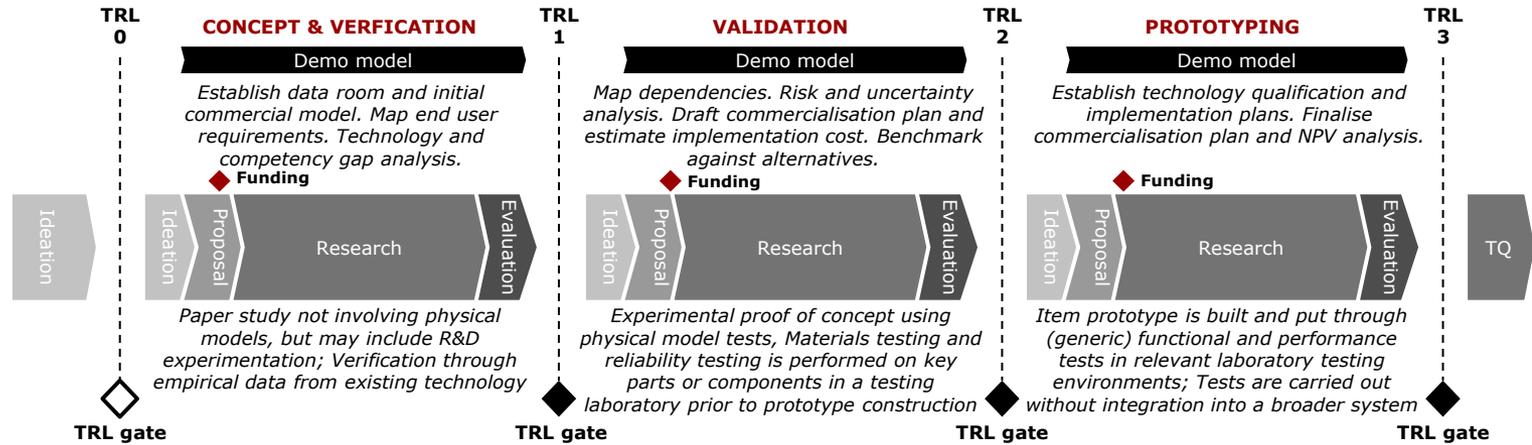


Demo Maturity and TRL Gate Criteria



Project model



	UNPROVEN CONCEPT	PROVEN CONCEPT	VALIDATED CONCEPT	PROTOTYPE TESTED
Demo	Hypothesis formulated. Reference case and Focal Point identified. Initial Freedom to Operate and IPR.	Benefit confirmed and demo requirements established.	Commercial viability confirmed and implementation challenges described.	Sign off on final demo model by Focal Point. Finalize Freedom to Operate and IPR agreement
Technology	Concept formulated; Basic scientific/engineering principles observed, reported and peer reviewed.	Technology and application concept formulated; Concept and functionality proven by analysis or reference to features common to existing technology	Concept design or novel features of design is validated by a physical model, a system mock up or dummy and functionality tested in a laboratory environment	System function, performance and reliability tested; The extent to which application requirements are met are assessed and potential benefits and risks are demonstrated