TRL Rating Scale

The Technology Readiness Level (TRL) Scale is an industry standardized metric by which Prescouter evaluates technologies for each client. Based on the constraints on the innovation challenge, Prescouter assigns a TRL number to each identified academic, company or patent.

This process allows each solution to be easily identified for commercialization potential.

09	**Systems Operation**	Actual system operated over full range of expected conditions
08	**System Commissioning**	Actual system completed and qualified through demonstrate tests
07	**System Commissioning**	Full-scale, similar prototype demonstration in relevant environment
06	**Technology demonstration**	Engineering / pilot scale prototype testing in relevant environment
05	**Technology development**	Lab-scale validation in relevant environment
04	**Technology development**	Component or system validation in lab environment
03	**Research to prove feasibility**	Analytical/experimental test of critical function - proof of concept
02	**Basic technology research**	Technology concept and/or application formulated
01	**Basic technology research**	Basic principles observed and reported

> Higher number TRL's do not always equate to the best technology – for example, most late-stage academic technology is best suited for optimization and integration but would have a TRL between 2-4.