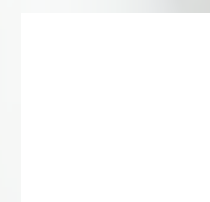




FREE RADICAL  
PROCESS DESIGN

**Technology Readiness Level Guide**



# Technology Readiness Level Mix

Development Level	1	2	3	4	5	6	7	8	9
<b>Technology Readiness Level</b>	Basic principles observed	Technology concept formulated	Experimental proof of concept developed	Technology validated in laboratory	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
<b>Technology Development</b>	Basic research	Applied research	Proof of concept construction	Proof of concept demonstration	Pilot plant construction	Pilot plant demonstration	Commercial pilot plant construction	Commercial pilot plant demonstration	Technology is de-risked and ready to scale
<b>Market Readiness Level</b>	Desirability study	Viability study	Feasibility study	Bankable feasibility	Expression of interest	Letter of intent	Takeoff agreements	Disruption	Scale
<b>Source of Funding</b>	Self funding	TIA seed fund and development funds			Early stage investment and SEDA		IDC, The dti programmes		Late stage investment

**Contact FRPD**

# Turnkey Innovation



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