



# R&D Eligibility Decision Matrix

CRITERIA	Uncertainty Test <i>Seeks to resolve a scientific or technical uncertainty.</i>			Newness Test <i>Seeks to create new knowledge or new or improved process(es), service(s), or good(s).</i>	
	Uncertainty	R&D Challenge	Knowledge Availability		
Eligible	(U1) It may be uncertain whether an objective is scientifically or technologically possible or how it can be achieved	(R1) A professional would not know a solution to this problem	(K1) The knowledge required to resolve the uncertainty does not exist	(N1) Patentable Intellectual Property is expected to be created	(N4) Peer reviewed Scientific papers are expected to be created
	(U2) Systematic uncertainty, the components of a system and their interactions are known, but the outcome/results of the system cannot be deduced from the outset.	(R2) A professional may be confident that the objective can be achieved but does not know how to achieve it	(K2) The knowledge required to resolve the uncertainty exists but is not publicly available	(N2) There is new knowledge created in the field of technology or the industry sector.	(N5) There is new or improved services, processes, items or goods being created
	(U3) Unknown if it can meet specifications which are not currently known to be achievable or overcome technological constraints or limits such as response time, reliability, reproducibility or cost.	(R3) A professional may not know if the uncertainty can be resolved but may know possible methods to achieve it.	(K3) The knowledge required to resolve the uncertainty is publicly available but is theoretical or is not detailed enough to fully resolve the uncertainty	(N3) Knowledge already exists in patents/ papers and is accessible to the applicant in practical commercial terms but has not been applied to the applicant's problem	(N6) Improvements to existing products, processes or services that are not cosmetic or stylistic.
	(U4) Adaption of knowledge or capability from another field of science or technology				
Marginal - requires rework	The expression of uncertainty is not clear or implied.	(R4) From the application text there is not enough information to conclude if the solution is deducible or obvious without investigation or experimentation.	(K4) The knowledge required to resolve the uncertainty is available but has not been practically applied to this industry.	Solving a production issue of a technical nature, but the new knowledge is not clear.	The same product or service exists in the market and the new knowledge is not clear.
Ineligible	(1) Pure market problem.	(1) The solution is deducible or obvious.	(1) The knowledge required to resolve the uncertainty is available but we can't afford to pay for it.	(1) There is an abundance of products in the market with the same features.	(3) Reverse engineering or copying a competitor product, service or process that already exists.
	(2) Commercialisation activity – e.g pricing and path to market.	(2) New to company. The science and application of methodologies are known. The challenge is that the company has not done it before.	(2) Common solution within the industry even though a new area of work for the company.	(2) Expanding an existing product line for similar installations using routine engineering.	
	(3) Business decisions	(3) New to company. Methodology and solution are both known and applied by similar companies on similar products	Validating a new supplier		

