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# Technology Innovation Capability Audit

## Technology Innovation Capability Audit

The capability to innovate can be present within different firms to varying extents. This can be measured using the concept of maturity. To achieve this, an organisation's ability is matched to a qualitatively distinct description of that level of ability, referred to as a maturity level. These maturity levels range from low to high, with low maturity levels representing a low level of ability and high maturity levels best practice. For the technology innovation capability audit, the focus is on the development, acquisition, and use of technology. The maturity of technology innovation capability is determined by answering a set of questions that assess eight aspects of this capability and through which it can be assigned to one of four maturity levels. The maturity levels reflect an increasing level of sophistication with which the capability is executed and are labelled: **1. Unaware or passive**; **2. Reactive**; **3. Strategic**; and **4. Creative**. Identification of weaknesses in the eight aspect areas, allows an organisation to direct improvement initiatives towards the enhancement of the maturity of technology innovation capability.

## Using 'Technology Innovation Capability Audit'

**Step 1:** The technology innovation capability maturity questionnaire is completed. This provides results for each of the eight aspect areas at each level of maturity.

**Step 2:** Results for the maturity of each of the capability aspects are represented using a spider diagram. The organisation is assigned a technology innovation capability maturity score by calculating the average of the maturity levels obtained for all capability aspects.

**Step 3:** Improvement initiatives are planned by considering which capability aspects are weakest and, when improved, would increase the overall technology innovation capability maturity level by the greatest amount.

## Instructions for Use

1. Complete the technology innovation capability maturity questionnaire to obtain maturity scores for each of the eight aspect areas.
2. Represent the maturity scores for each of the aspect areas using a spider diagram. Calculate the overall technology innovation capability maturity score by calculating the average of the maturity scores for each aspect area.
3. Plan improvement initiatives by examining which of the capability's aspect areas are weakest and, once improved, would increase the overall technology innovation capability maturity level by the greatest amount.



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