

TECHNOLOGY READINESS LEVELS

Scientific Research Begins

Applied R&D starts as properties of a potential technology are observed in the physical world.

1

BASIC PRINCIPLES OF
CONCEPT ARE
OBSERVED AND
REPORTED

TECHNOLOGY
CONCEPT AND/OR
APPLICATION
FORMULATED

2

Invention Begins

Once basic principles are observed, practical applications can be invented. Activities are limited to analytic studies.

Active R&D Initiated

This includes analytical studies and/or laboratory studies. Activities might include components that are not yet integrated or representative.

3

ANALYTICAL AND
EXPERIMENTAL
CRITICAL FUNCTION
AND/OR POC

COMPONENT AND/OR
VALIDATION IN A
LABORATORY
ENVIRONMENT

4

Will it work?

Components are integrated to establish that they will work together. Activities include integration of "ad hoc" hardware in the laboratory.

Will it work? Part 2

Components are integrated for testing in a simulated environment. Activities include laboratory integration of components.

5

COMPONENT AND/OR
VALIDATION IN A
SIMULATED
ENVIRONMENT

SYSTEM MODEL OR
PROTOTYPE
DEMONSTRATION IN A
SIMULATED
ENVIRONMENT

6

Prototype in Simulation

Represents a near desired configuration. Activities include testing in a simulated operational environment or laboratory.

Prototype in Operation

Prototype at planned operational level and is ready for demonstration in an operational environment (ie. field testing).

7

PROTOTYPE READY
FOR DEMONSTRATION
IN AN APPROPRIATE
OPERATIONAL
ENVIRONMENT

ACTUAL TECHNOLOGY
COMPLETED AND
QUALIFIED THROUGH
TESTS AND
DEMONSTRATIONS

8

Development Testing

Technology has been proven to work in its final form and under expected conditions.

Operational Success

Actual application of the technology in its final form and under real-life conditions, such as those encountered in operational tests and evaluations.

9

TECHNOLOGY PROVEN
THROUGH SUCCESSFUL
DEPLOYMENT IN AN
OPERATIONAL SETTING

Boast brings a complete solution to maximize your SR&ED tax incentive claims and eliminate the difficulty and mystery of traditional offerings.

The Boast platform gathers data from your technical and financial systems to identify and categorize eligible projects, time, and expenses to get you more money for less time and risk.

[GET STARTED](#)