



Innovation management – Tools and methods for innovation operation measurements

ISO 56008



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ISO 56008

**Total
training
hours: 32
= 1 ECVET**

**16 hours
physical
training**

**16 hours
individual
learning**

Activities:

1. Individual exercises
2. Self assessment
3. Group activities
4. Study cases



LEARNING OUTCOMES

KNOWLEDGE	SKILLS	ATTITUDES
<p>K1.1: Knowledge of what are the definitions related to MEASURE innovation management, including concepts and principles.</p> <p>K1.2: Knowledge of the potential long-term consequences to implementation of measurements in managing their own innovation inside the organizations.</p> <p>K1.3: Knowledge of the importance of setting and establish incentives, and assess the results, outcome, and impacts of their innovation operations. Innovation management system principles in the workplace.</p>	<ul style="list-style-type: none">• S1.1: Communicate effectively with colleagues and managers about concepts and principles related to measure innovation management.• S2.2: Practice effective implement measurements innovation management activities.• S2.3: Identify in the workplace assessment of the results regarding innovation management system principles.	<p>A1.1: A sense of responsibility for one's own measure innovation management , including a concepts and principles and take action when is needed inside of the organization.</p> <p>A1.2: A sense of collaboration and support colleagues, including a willingness to take proactive steps to address assessment innovation activities inside the organizations.</p> <p>A1.3: A sense of personal responsibility and awareness, including the impact as a key component of workplace innovation management culture.</p>



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1. Measurements for establishing and **launching innovation activities**
2. Measurements for innovation **processes.**
3. Measurements for innovation **initiatives**
4. Measurements of innovation **portfolios.**

AT GLANCE

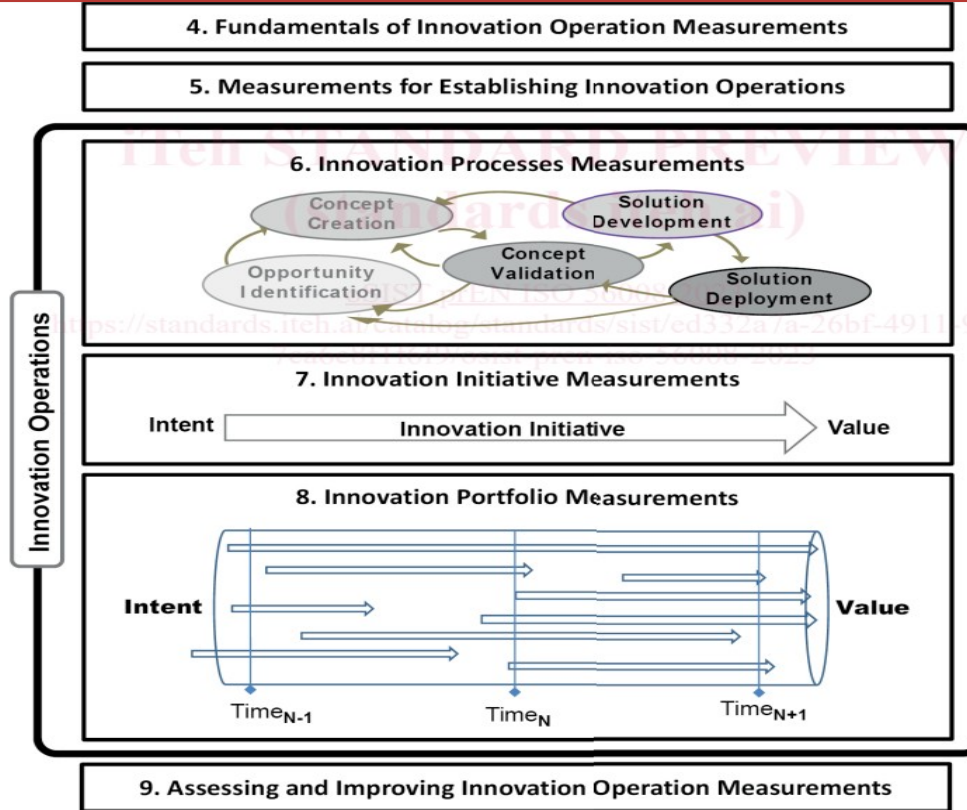


Figure 0.1 — Core clauses of ISO 56008 Innovation Operation Measurements

SDL ACTIVITY KEYWORDS

input

measurement

result

Read & Understanding Terms and definitions related to the measurements implementation in the ISO 56008

indicator

outcome

operation

innovation
operation

evaluation

metric



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TERMS

Good measurements, those that address **the important issues** with appropriate ways of measuring, drive to success, whereas measurements **addressing unimportant issues** with poor ways of assessing them drive to failure.

This is why it is critical to devise an appropriate framework for innovation measurements - one that points to what are **the critical aspects to measure** (we call them the “INDICATORS”) while enabling **appropriate ways for assessing** them (we call these the “METRICS”).



GROUP ACTIVITY: INDICATORS & METRICS

“What are the indicators (aspects) that one should measure in order to get a good understanding of the situation and to make the necessary adjustments?”



TERMS

Metrics for Innovation Management

Metrics are the formula by which we measure the indicators. Some indicators can be measured quantitatively.

For example, one can calculate:

- A company's "Growth Impact" as a measure of innovation effectiveness defined by the ratio of (revenue of new products over X time) vs. (Total Revenues over X time)

https://ebrary.net/243434/management/bb14_comprehensive_measurement_systems#793947



FRAMEWORK

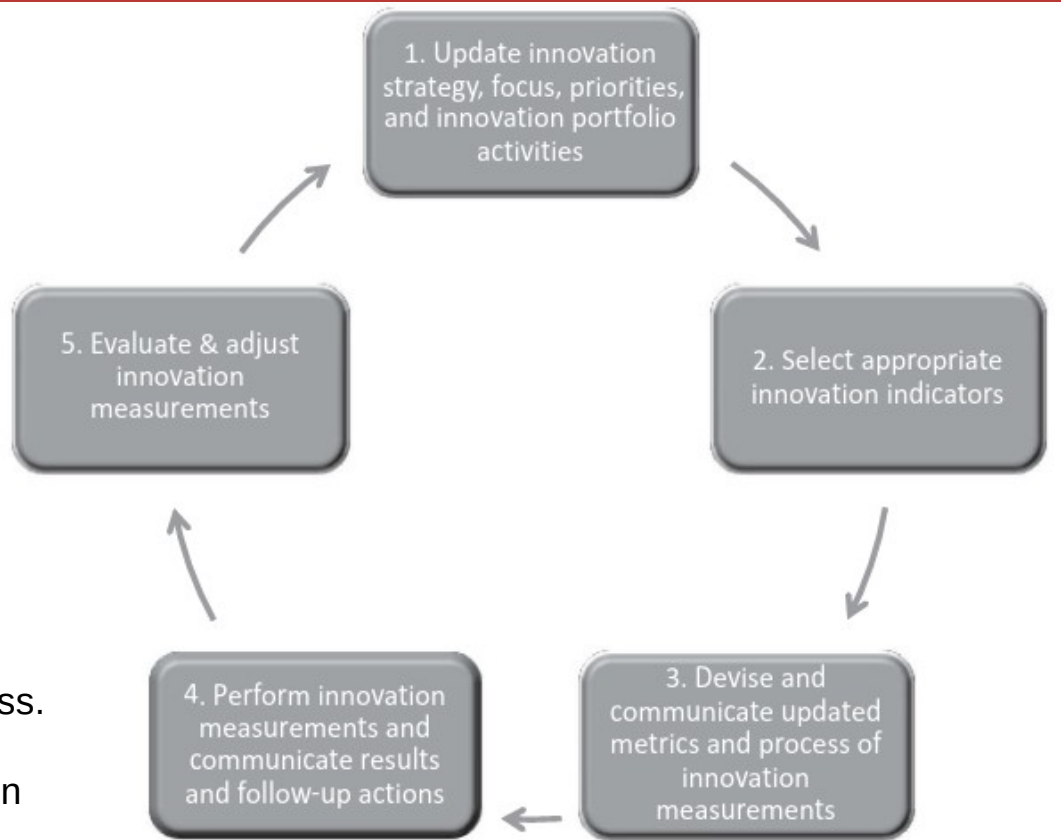


FIGURE BB14.8

High-Level Innovation Measurement Process.

Source: © 2016 c-IM&E Inc. with permission from S. Cohn



References

TIMMS



References

1.- *ISO 56008 Innovation management — Tools and methods for innovation operation measurements — Guidance*

2.- <https://www.viima.com/blog/how-to-measure-innovation-kpis#infographic>

3.- <https://www.youtube.com/watch?v=k2iyMNBSabc> *Strategy management measurement.*

4.- **Measuring Creativity for Innovation Management** article **David H. Cropley¹, James C. Kaufman², Arthur J. Cropley** Associate Professor, Defense and Systems Institute, University of South Australia, Mawson Lakes Campus, Mawson Lakes, SA 5095 AUSTRALIA.





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