

In our rapidly shifting technological, economic, and social environment, organizations must endeavor to keep pace, adapt, and survive.

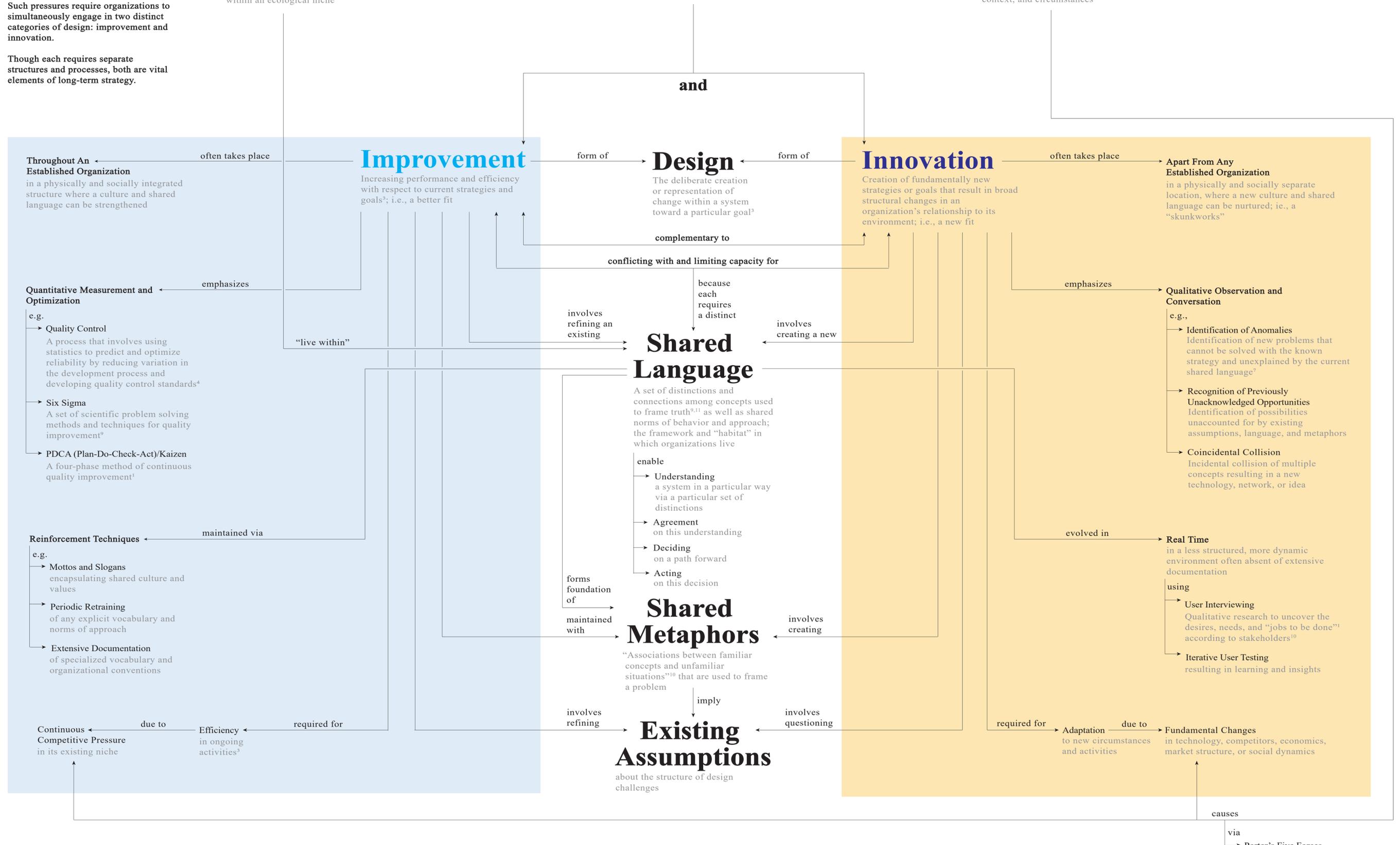
Such pressures require organizations to simultaneously engage in two distinct categories of design: improvement and innovation.

Though each requires separate structures and processes, both are vital elements of long-term strategy.

# An Organization's Long-Term Survival in a Dynamic, Competitive Environment

A living, adaptive system<sup>1</sup>; e.g., a company, team, person, or species within an ecological niche

Material, social, economic, technological, and other surroundings, context, and circumstances



Inspired by

<sup>1</sup>Pawar, M. (2018, February 8). *Organizations as Living Systems: Lessons from Human Physiology. The Systems Thinker*. <https://the-systemsthinker.com/organizations-as-living-systems-lessons-from-human-physiology/>

<sup>2</sup>Petersen, Peter B. "Total quality management and the Deming approach to quality management." *Journal of management History* (1999).

<sup>3</sup>Schön, D., *The Reflective Practitioner*, Chapter 3, "Design as a Reflective Conversation with the Situation," page 76.

<sup>4</sup>Deming, W. Edwards (1986). *Out of the Crisis*. Cambridge, Massachusetts: Massachusetts Institute of Technology, ISBN 9780911379013, OCLC 13126265, retrieved 2013-12-07 (Originally published in 1982 as Quality, Productivity, and Competitive Position, OCLC 9234321).

<sup>5</sup>Pyzdek, Thomas, and Paul Keller. *Six sigma handbook*. McGraw-Hill Education, 2014.

<sup>6</sup>Skimot, N. (2017, August 5). *Using the PDCA Cycle to Support Continuous Improvement (Kaizen). The Lean Way*. <https://theleanway.net/the-continuous-improvement-cycle-pd>

<sup>7</sup>Kuhn, Thomas S. *The structure of scientific revolutions*. University of Chicago press, 2012.

<sup>8</sup>Norman, Don. "Technology First, Needs Last." *Jnd.org, Jnd.org*, 3 Dec. 2018.

<sup>9</sup>Pangaro, P. "Notes on the role of leadership and language in regenerating organizations." (2002).

<sup>10</sup>Constable, Giff. "Talking to humans." *Giff Constable* 1 (2014): 71.

<sup>11</sup>Star, S. and Griesemer, J. "Institutional Ecology and 'Translation' of Boundary Objects: Amateurs and Professionals In Berkeley's Museum of Vertebrate Zoology, 1907-39." *Social Studies of Science*, 1989, pages 387-41.

<sup>12</sup>Christensen, Clayton, and Michael Raynor. *The innovator's solution: Creating and sustaining successful growth*. Harvard Business Review Press, 2013.

<sup>13</sup>Ries, Al, and Jack Trout. *Positioning: The battle for your mind*. McGraw Hill, 2001.

<sup>14</sup>Porter, M. E. (2008). The five competitive forces that shape strategy. *Harvard business review*, 86(1), 78.

causes

via  
Porter's Five Forces

A set of factors that determine competitive intensity, including market dynamics such as globalization<sup>14</sup>