



Innovation Excellence

Attaining Sustainable Growth

MANAGEMENT CONSULTING

To say it simply, we see innovation as the translation of ideas and inventions into profitable offerings for customers. Your ability to manage innovation is vital to fueling a winning portfolio of offerings.



What is Innovation?

Effectively managing innovation requires an ability to make trade-off decisions and to decisively execute them. Companies that innovate best have critical capabilities in areas including:

- Foresight that reveals the market landscape and launch windows
- Portfolio strategies that position the company to attain desired growth
- Project investment decisions that minimize investment waste
- Innovation processes, organizational structure, metrics and incentives to drive execution
- An extended ecosystem to share synergistic capabilities and risks

Managing innovation is a holistic challenge that requires an end-to-end perspective bridging strategy and execution, spanning processes from ideation through delivery. We have developed a set of comprehensive solutions in each of these areas to help companies identify areas of improvement and to implement best practice solutions that produce real results.

“Integrating IT and infrastructure technologies for a safer, more secure world”
Hitachi’s Social Innovation Business

All Innovation is Not the Same

Winning innovations start with good ideas. The trick is establishing how to filter through the plethora of inputs to harvest these good ideas. We find it is useful to establish a framework that supports categorizing ideas into groupings that help innovators understand the types of offerings needed in the portfolio and the nature of the innovation needed to ensure the offerings are competitive.

Core Offerings	Adjacent Offerings	Transformational Offerings
Business Model Innovation		
Operational Innovation		
Offering Innovation		

The figure above illustrates this concept and is important for three reasons:

1. The skillsets needed to produce the best innovative ideas vary among offering types (core, adjacent and transformational)
2. The most likely source and role of the best innovative ideas vary among the nature of innovations (offering, operational or business model)
3. The achievable time horizon for executing on approved ideas varies among idea categories and must be evaluated using different criteria

In summary, if you are looking to evolve your portfolio mix, it is important to involve people who have the right skills to provide insight to the types of innovations most useful to the company portfolio, and evaluate ideas using appropriate criteria for the category.

Closing the Performance Gap

What if your portfolio of offerings is unlikely to reach the targeted company growth plans? This all-too-common situation usually occurs because of:

- A portfolio strategy that results in investment projects that are too heavily weighted to the core offerings of the past in an attempt to satisfy risk and revenue timing considerations
- An operational execution approach that biases investment projects towards smaller short-term improvements without a balance of longer-term strategic earnings engine projects

Correcting the course requires decisive and aligned action that can be more readily attained through the following actions:

1. **Market foresight** that reveals market opportunity and windows based on better and more complete data
2. **Portfolio strategies** that position the company for targeted growth in each category
3. **Project selections** within portfolio categories that minimize investment waste
4. **Innovation processes**, structure, metrics and incentives that drive execution
5. **Organizational structure** including an explicit extended ecosystem to share capabilities and risk
6. **Technologies** to enable and enforce innovation discipline among cross-functional teams

Why Organizations Struggle

Typical root-cause challenges to effective innovation include:

1. Time to Market

Aligning product introduction to market readiness

Too Late to Market

Offerings are introduced too late to capture price premiums and position for mass market growth. Leaders often describe market timing issues resulting from inadequate visibility or failure to react to stagnant business models, disruptive alternatives, external market or regulatory constraints or internal execution issues.

Too Early to Market

Though faster time-to-market is generally desirable, it is possible to get to market too quickly. The result is sluggish sales that can cause a lack of commitment to scale the launch and increased window for competitive "fast-follower" penetration.

2. Portfolio Strategy

Investing in the right projects

Misaligned Portfolio

A misaligned portfolio is when your portfolio does not match your business strategy.

Unbalanced Portfolio

Unbalanced portfolios occur when your product mix does not match portfolio targets.

Funding Misalignment

This happens when mechanisms are the same for core and transformational lines and there is too little innovation funding.

3. Focus or Innovation Identity

Focusing innovation beyond current products (See Figure 1 below)

Ambiguous Ambitions

Companies struggle to gain an overall understanding of and align innovation efforts to the company strategy, while establishing a drive or enabling an innovation culture.

Lack Directional Boundaries

Inability to effectively articulate set boundaries to help people understand the type of innovations that best contribute to targeted performance.

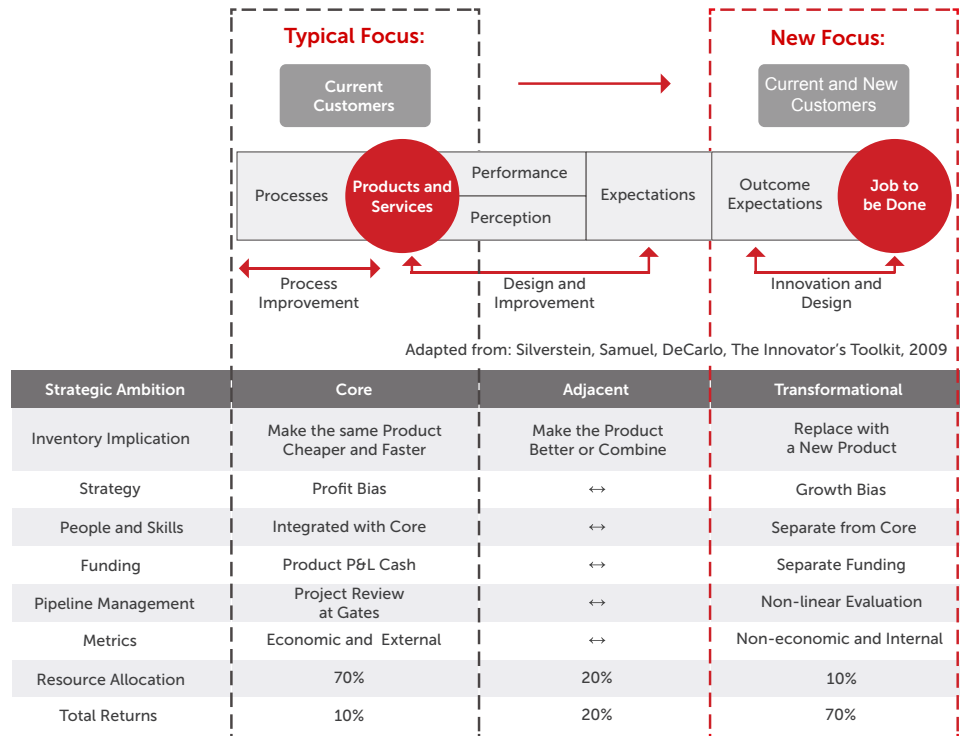


Figure 1 - Focusing innovation beyond current products

How do I focus my innovation efforts to get better win rates and reduce waste?

- Segment the portfolio and set targets appropriate to each segment
- Seek and evaluate ideas spanning business model, operational model and offerings
- Establish innovation structure and process to manage all types of innovation
- Incent participants to break free from "business as usual"

How do I correct a "core heavy" portfolio mix?

- Align on portfolio ambitions and business model direction among the C-suite
- Improve industry foresight structure and involve external participation
- Build separate teams to focus on difficult jobs (not offerings)
- Evaluate make, buy, partner options to address gaps

4. Organizational Structure and Adoption

Establishing a structure and reward culture

Misaligned Decision Structure

Innovation is hindered when roles and responsibilities are misaligned with innovation ambitions or when roles, funding and resource allocation simply do not exist. The result is often unclear decision ownership and inefficient transition to action.

Encumbering Corporate Culture

The wrong structure and culture can

lead to an unclear "drive versus enable" leadership paradigm, a solution focus versus focusing on the job to be done and protectionism leading to functional silos or internal only participants.

5. Ineffective Innovation Process

Root cause of many issues

Innovation Process Definition

Effective innovation is hindered by weak process standards, documentation and management; processes that are a one-size-fits-all approach; cross-functional misalignment and role ambiguity; and

redundant or broken process from mergers and acquisitions.

Innovation Process Execution

Execution is impacted by unclear decision criteria; complexity, redundancy or lack of rhythm that slows activity; and a lack of adequate information needed to make decisions or incentives to reward core activities.

Innovation Process Isolation

Isolation occurs when innovation is disconnected from strategic processes and external inputs are not incorporated.

6. Inadequate Performance Management

Lack necessary KPI's, visibility and decision triggers

Incomplete Performance Management Framework

Companies often simplify performance metrics and incentive plans. The resulting one-size-fits-all approach focuses innovation activity too heavily on near-term financial and low-risk options.

Limited Visibility

Inability to capture, relate and act upon performance data as projects mature from early ideation through to delivery.

Unproven Measures

Performance targets are set without appropriate competitive benchmarking, correlation to the appropriate type of innovation sought and considering actual timing of market windows.

7. Enabling Technology Gaps

Evolving and disconnected innovation solutions

Lack of an integrated innovation platform

The rate and momentum of innovation slows as participants become frustrated by friction created at the seams among disconnected technologies. The iterative nature of innovation activity gets stifled by unwillingness to manage the administration activities.

Innovation Technologies Are Not Part of the Enterprise Innovation Fabric

Gaps show when emerging capabilities (such as new applications, social media platform, big data insights, etc.) leave insights out of the innovation process.

Author

David Parsons

Hitachi Insight Group, Vice President of IoT Strategy and Solutions

Our Innovation Capabilities

Breadth and Depth to Deliver Complete Solutions

Strategy

- **Industry Foresight:** Assess, define and understand market trends and competitive positioning in order to set strategic performance targets
- **Portfolio Strategy:** Set portfolio mix targets, evaluate opportunities and establish an offering roadmap to attain desired mix
- **Strategic Alignment:** Align on strategic process area touch-points, innovation organization design and execution enabling IT platforms roadmap

Process Improvement

- Assess and align on innovation process scope to attain desired business results
- Identify and prioritize innovation process gaps and decide among alternatives which improvements to pursue
- Design, develop and deploy streamlined process improvements to attain desired results

Organizational Design

- **Assess:** Assess the current state of the organization, decision-making structure and alignment of culture to innovation ambitions
- **Refine:** Design the recommended organization and decision-making structure with vertically and horizontally aligned roles and responsibilities
- **Transform:** Develop and deploy the messaging, incentives and learning programs to ensure adoption of the recommended innovation solution with the pilot team

Performance Management

- Assess and align on innovation performance gaps management framework
- Identify and prioritize innovation performance and strategic options
- Design, build and execute a performance management program focused on improving performance through improved innovation

Technology Enablement

- Assess and prioritize technology gaps that need to be addressed in order to achieve the targeted innovation maturity goals
- Implement integrated capabilities to support a sustainable innovation process
- Validate high value capability recommendations

Strong Partnership Ecosystem

- **Hitachi Ltd. sister companies:** Nearly \$5B in annual R&D spend and more than \$100B in revenues afford Hitachi Consulting unparalleled insight into industry trends, innovation processes and the products Hitachi Ltd. takes to market.
- **Internet of Things (IoT) Solutions Ecosystem:** Rapidly expanding ecosystem partners that are capable of developing end-to-end turnkey IoT solutions can be incorporated into our client portfolios more quickly and with reduced risk, rather than developing or purchasing similar capabilities.
- **Technology Platform Providers:** We invest heavily in partnerships with leading technology providers such as Oracle, SAP and Microsoft. These investments help us better advise clients on how to take advantage of new enabling technologies.

Contact Hitachi Consulting to discuss how our solutions can help transform your business.



14643 Dallas Parkway
Suite 800, Dallas, TX 75254 USA
www.hitachiconsulting.com

Ph +1214 665 7000
Fx +1214 665 7010

Hitachi Consulting is a leading global professional services company and business integrator for the IoT era. We engage with clients to solve complex business challenges with innovative and integrated solutions across industries in the spirit of our parent, Hitachi, Ltd., a global leader in technology and social innovation.

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