



# PROJECT MANAGEMENT CENTER FOR EXCELLENCE

A.J. CLARK SCHOOL OF ENGINEERING  
*Civil & Environmental Engineering Department*



# THE CHANGING FACE OF THE PMO

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# What ?

- \* PMO ? (What, Who, Value etc.)
- \* Stakeholder Expectation Gap
- \* How do we resolve the Gap?
- \* PMO's role in demand management



# PMO?

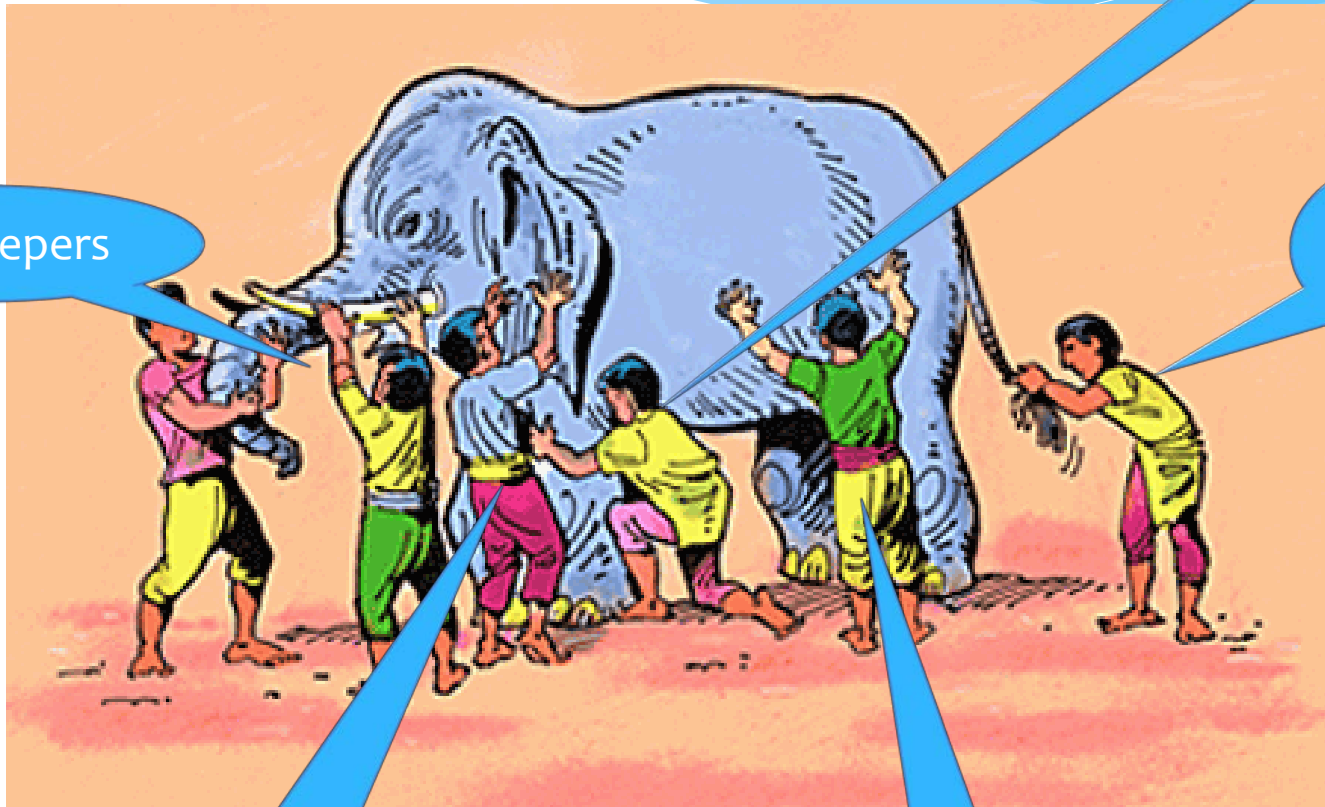
Problem Solvers

I am in trouble, help me!

Gatekeepers

Standards

Bunch of PMs



# PMOs Then & Now

## \* Then

- \* Industries
  - \* IT, Construction Defense
- \* Value Drivers
  - \* Trainers
  - \* Standards Maintenance

## \* Now

- \* Industries
  - \* Entertainment, Law, Fashion
- \* Value Drivers
  - \* Efficiency
  - \* Align business initiatives, demand management etc

# PMO Value

- \* Focus on Critical Initiatives – Provide senior leaders with true operational insight through meaningful milestones and objectives for the strategic initiatives
- \* Institute Smart and Simple Processes – Through the use of the above mentioned milestone and objectives, communicate progress and identify issues early without adding undue burden to business
- \* Develop leadership skills and capabilities within the organization and
- \* Institute change management as a real competitive differentiator

# PMO Value (Intangibles)

- \* Enhanced communication and collaboration
- \* Alignment of values, goals and strategies within different parts of the organization
- \* Improved efficiency in work cultures
- \* Improvements in decision-making and problem solving capabilities
- \* Improved transparency , clarity of roles and responsibilities

# Stakeholder Expectation Gap

- \* Business Value Realization
- \* Organizational Structures
- \* Project Owner and PM Interactions
- \* Project Prioritization
- \* Intragroup Conflicts
  - \* Task Conflict
  - \* Process Conflict
  - \* Relationship Conflict

**AND ARE ALL OF THE ABOVE MANAGEMENT PROBLEMS ?**

# How do we resolve the gap?

## Business Value Realization

Establish clear and concise mission

What is our primary goal?

Standardization and Best Practices

Consistency and Efficiency

Seek Champions

Do we have executive level support?

Sky meets the ocean

Forward thinking/Horizon gazing





# How do we resolve the gap?

## Organizational Structures

- \* Cross Functional Teams
  - \* Why cross functional teams
  - \* Composition of a cross functional project team
  - \* Resistance to cross functional teams
  - \* Key factors to successful cross functional teams
  - \* Putting cross functional and functionally aligned teams together

# How do we resolve the gap?

## Cross Functional Teams (Cont'd)

- \* Key factors to successful cross functional teams
  - \* Project Sponsorship
  - \* Goals/Scope/Objectives
  - \* Leadership
  - \* Adequate resources
  - \* Communication
  - \* Team Authority/Autonomy
  - \* Team Dynamics

# How do we resolve the gap?

| Attributes                        | Functionally Aligned Department  | Cross-Functional Team  |
|-----------------------------------|--|--|
| Information Flow                  | Information channel constraints ( up and down rather than out or across) | Information flows in all directions (circular structures) and in and out of team from all areas                  |
| Resource Ownership and Delegation | "Owns" resources (staff, funds)  | "Borrows" resources (staff, funds)   |
|                                   | Departmental product has top priority                                    | project is viewed as "extra" to business or departmental products  |
| Individual member status          | Title/ promotion conscious members                                       | Disregard for title/ dept. status of individual members- more focus on what value each member brings to the team |
| Assessment/ Reward                | Individual performance/ reward focus                                     | Team product and teamwork performance/reward focus   |

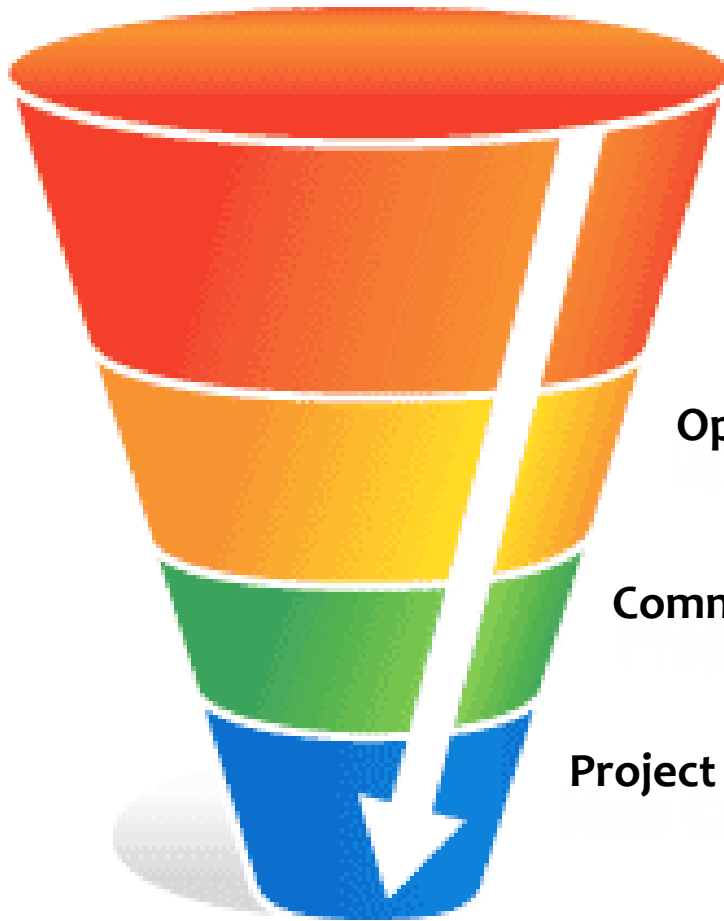
# How do we resolve the gap?

| Attributes               | Functionally Aligned Department                 | Cross-Functional Team   |
|--------------------------|---|---|
| Organizational Structure | Departmental: Serving one functional area       | Matrix/cross-functional: Serving more than one (often several) functional areas |
|                          | Pyramid structure with leader at top            | Circular structure with leader at center  |
| Organization Type        | Permanent organization with history             | New, temporary organization   |
| Project Ownership        | 1 "boss" who "owns" all work in that department | >1 "sponsors" who share project ownership and responsibility                    |
| Turf Issues              | Turf barriers                                   | Turf is unlimited   |
| Chain of Command         | Clear, direct chain of command                  | Shared/consensus authority within team  |

# Project Owner Interactions

- \* Roles – Owner vs Project Manager
- \* Stakeholder Relationships
- \* Different Project Perspectives
- \* Project Risk Management
  - \* Strategic Risks
  - \* Operational Risk

# Demand Management



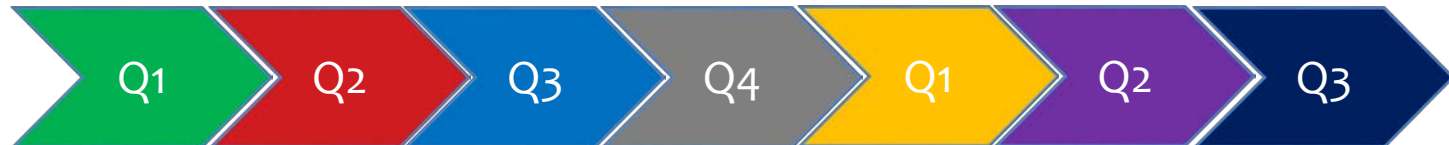
**Demand—Planned & Unplanned**

**Opportunity Analysis**

**Communication with Customers**

**Project Requests**

***Demand Management Pipeline***



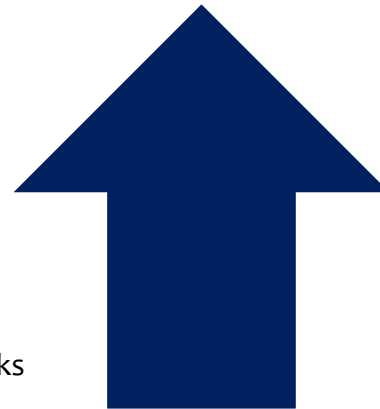
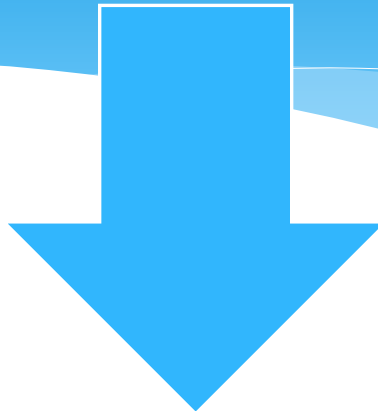
# Demand Management

Demand  
'The What'

Capturing and prioritizing demand, assigning resources based on business objectives and doing projects that deliver business benefits

Supply  
'The How'

Project management, software development and managing physical assets like hardware and networks







# Project Classification Definitions

- \* **Transform** (the business): new markets, new products and new business models.
- \* **Grow** (the business): are about improvements in operations and performance, within current business models. These are visible to shareholders through top-line revenue growth and to external customers as enhanced products, services or experiences.
- \* **Run** (the business): these investments are part of the cost of doing business or the ability to stay in business. Run-the-business initiatives are about reducing costs, improving price-to-performance ratios, and lessening risk (which translates to avoidance of catastrophic costs).\*



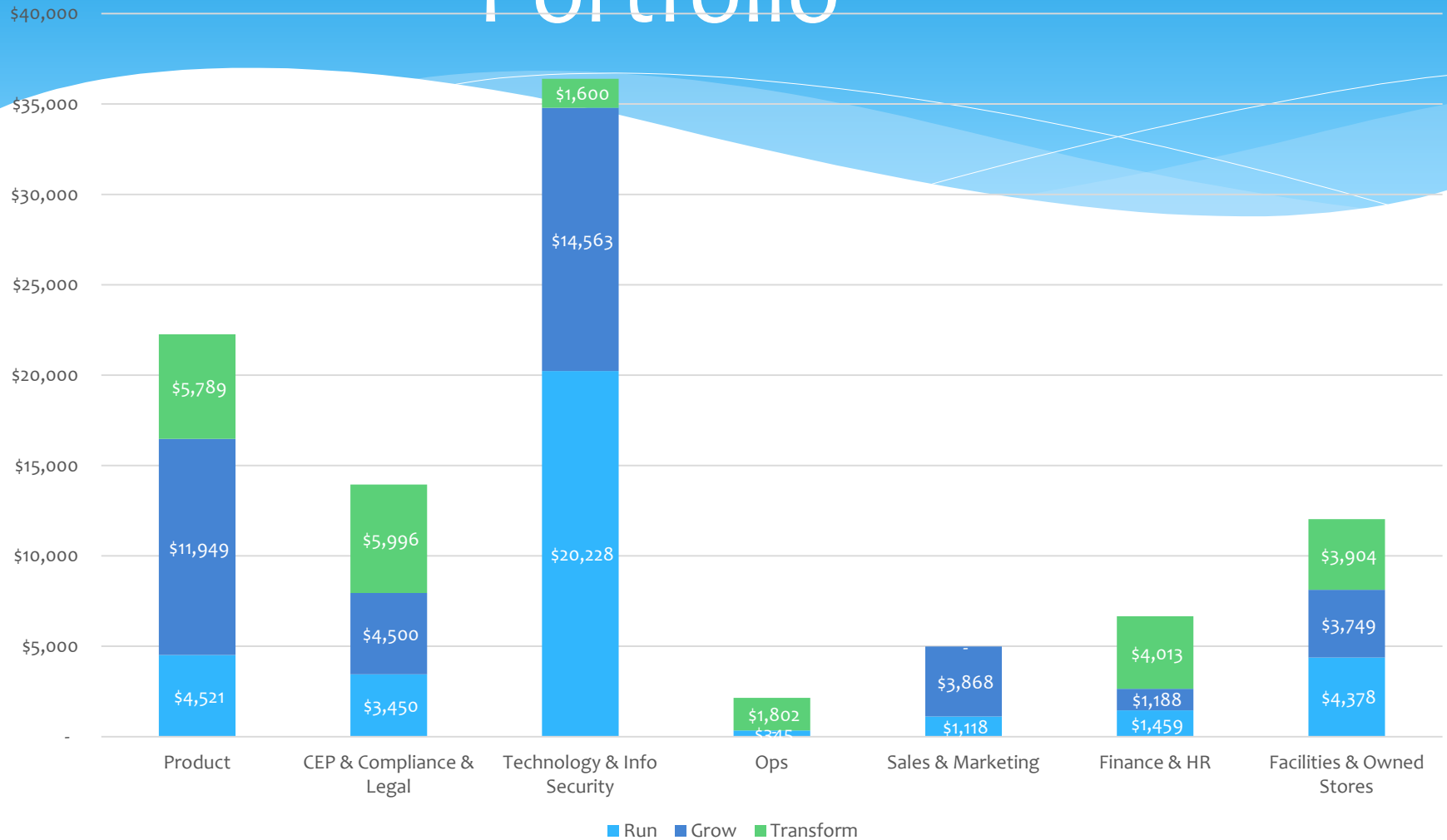
# Run/Grow/Transform – All Projects

|  | What is Average?  | What is High Performance?   | Where should we be? | Where are we? |
|--|---|---|---------------------|---------------|
| <ul style="list-style-type: none"> <li><b>Run - Running the Core</b><br/>(e.g. supporting the business, fixing defects, etc.)</li> </ul>   | 41%   | 35%   | 30%                 | 36%           |
| <ul style="list-style-type: none"> <li><b>Grow - Optimizing the Core</b><br/>(e.g. improving current operational capabilities, enhancements, new capabilities against core operating model, etc.)</li> </ul> | <br>59%  | <br>65%  | 35%                 | 40%           |
| <ul style="list-style-type: none"> <li><b>Transform - New Markets</b><br/>(e.g. International, etc.)</li> </ul>  | <br>59% | <br>65% | 35%                 | 24%           |

FY14 Carry Forward Projects not included

Source: Gartner 2014

# Run/Grow/Transform by Portfolio



FY14 Carry Forward Projects not included

# Portfolio Financial Summary

| Portfolio         | Carry Forward   | Run             | Grow            | Transform       | Total            | % of Total |
|-------------------|-----------------|-----------------|-----------------|-----------------|------------------|------------|
| Product           | \$4,246         | \$4,521         | \$11,949        | \$5,789         | \$26,506         | 22%        |
| Legal             | \$12,077        | \$3,450         | \$4,500         | \$5,996         | \$26,023         | 21%        |
| Technology        | \$5,116         | \$20,228        | \$14,563        | \$1,600         | \$45,203         | 34%        |
| Ops               | \$668           | \$345           | -               | \$1,802         | \$2,815          | 2%         |
| Sales & Marketing | \$440           | \$1,118         | \$3,868         | -               | \$5,426          | 4%         |
| Finance & HR      | -               | \$1,459         | \$1,188         | \$4,013         | \$6,659          | 5%         |
| Facilities        | \$125           | \$4,378         | \$3,749         | \$3,904         | \$12,156         | 10%        |
| <b>Total</b>      | <b>\$22,672</b> | <b>\$35,499</b> | <b>\$39,817</b> | <b>\$23,104</b> | <b>\$121,093</b> |            |

Source of spend = HLE's

# Complexity Factor Definitions

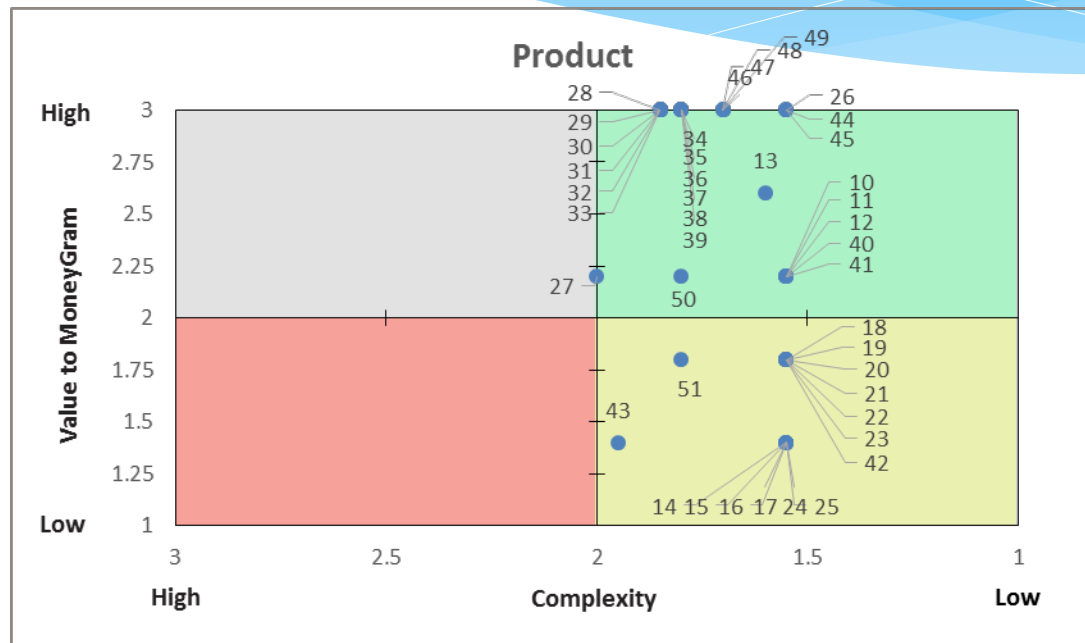
| Fields   |                                     |                                      |                                  |
|--|-------------------------------------|--------------------------------------|----------------------------------|
| Strategic Alignment  | Run                                 | Grow                                 | Transform                        |
| Complexity Factors   | 1 (Best)                            | 2 (Neutral)                          | 3 (Worst)                        |
| <b>Time To Deploy (15%)</b><br>The amount of time required to take an initiative from the-initiating-stage to implementation.  | 0 – 6 Months                        | 7-11 Months                          | 12 + Months                      |
| <b>Number of Significant Dependencies (10%)</b><br>The number of other projects or organizations whose input, participation and/or agreement is required in order for an initiative to be successful.                                  | Fewest Dependencies<br>0-1          | Medium Number of Dependencies<br>2-3 | Most Dependencies<br>4+          |
| <b>Required Organizational Change (10%)</b><br>The organizational and operational impact required of SHR as a result of the initiative's implementation.   | Least Organizational Changes<br>0-1 | Medium Organizational Changes<br>2-3 | Most Organizational Change<br>4+ |
| <b>Required <u>External</u> Integration (Third Party) (5%)</b><br>The amount of integration, support, technology integration and/or training needed teams outside SHR  | Little to no Integration<br>0       | Moderate level of Integration<br>1-2 | High level of Integration<br>3+  |
| <b>Resource availability (20%)</b><br>The identification and availability of necessary resources required to successfully delivery the project (e.g. business partners, developers, architects, testers, infrastructure support, etc.) | Resources defined and ready         | Resources defined, most are ready    | Resources NOT defined nor ready  |
| <b>Implementation and Execution Risk (15%)</b><br>The potential to add pain points to SHR (business disruption, customer disappointment, security or compliance exposure, etc.)  | Little Risk                         | Moderate Risk                        | High Risk                        |
| <b>Cost to Deploy (25%)</b><br>Amount of capital and expense dollars required to deliver the solution to production. Does not include ongoing maintenance fees.  | <\$500,000                          | \$500,000 - \$ 2 Million             | >\$ 2 Million                    |

# Value Factor Definitions

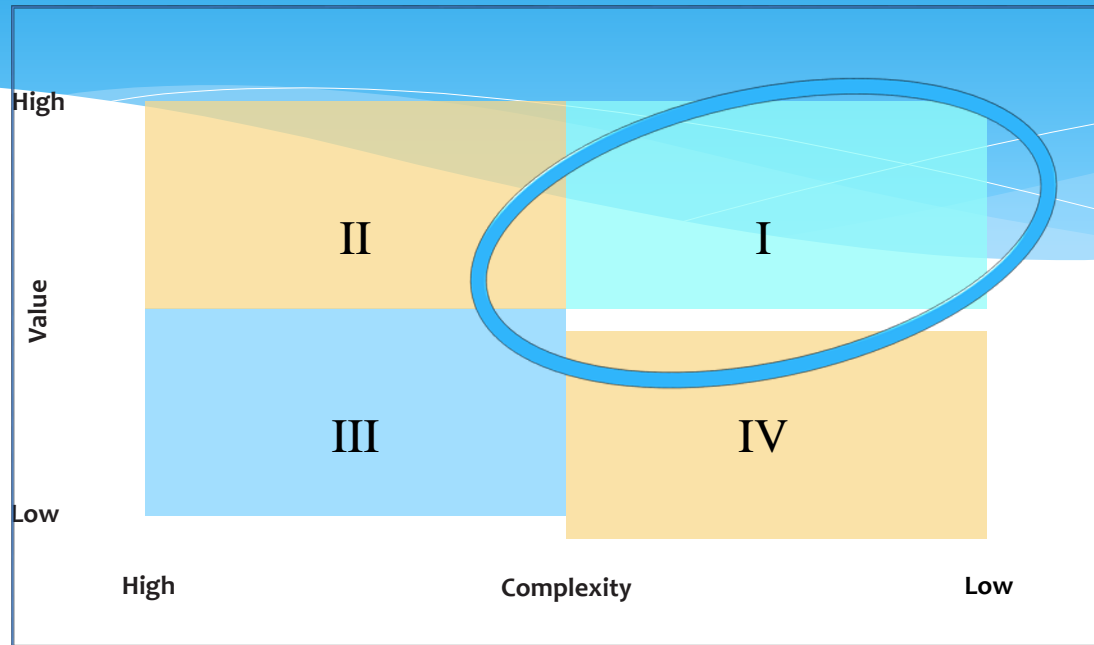
| Value Factors  | 1 (Low)                         | 2 (Medium)                              | 3 (High)                                |
|--|---------------------------------|---|---|
| <b>Revenue Growth (40%)</b><br>The amount of revenue growth the initiative would bring to SHR over the course of a fiscal year.  | Revenue Growth<br><\$1M         | Revenue Growth<br>\$1M-\$5M             | Revenue Growth<br>> \$5+M               |
| <b>Cost Savings or Cost Avoidance (40%)</b><br>The amount of cost savings OR cost avoidance the initiative would bring to SHR over the course of a fiscal year.  | Annual Savings<br>\$0-\$100,000 | Annual Savings<br>\$101,000 - \$500,000 | Annual Savings<br>>\$500,000            |
| <b>Alignment to Strategic Priorities (20%)</b><br>The degree to which the project / initiative is aligned to one of SHR's key strategic priorities: 1) Big Opportunities (game-changing wins), 2) Maximize Profitability, 3) Compliance, 4) Investment in People, 5) Multi-Channel Expansion | Not Aligned                     | Loosely Aligned                         | Directly Aligned and a Critical Enabler |



# Priority Matrix – Product



The scores for complexity and value are plotted to highlight which initiatives should receive focus and priority for this year



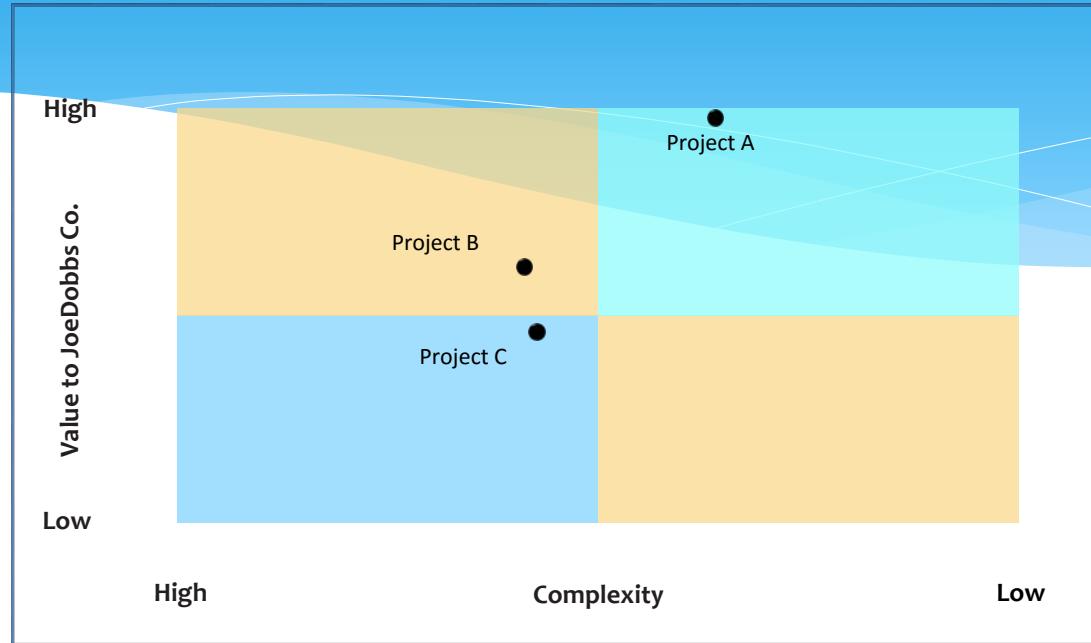
# Project Prioritization





 High Value / Relatively Low Complexity  
 Relatively Low Value/ Low Complexity


 High Value / High Complexity  
 Relatively Low Value/ High Complexity


# Project Prioritization



 High Value / Relatively Low Complexity

 Relatively Low Value/ Low Complexity

 High Value / High Complexity

 Relatively Low Value/ High Complexity



# Conflict Management

- \* Types of conflicts
  - \* Task conflicts
  - \* Process conflicts
  - \* Relationship conflicts
- \* Source of conflicts
- \* Effects of conflicts
- \* Ways of mitigating effects of conflicts

# Summary

- \* Gap between PMO and business arise due to management problems
- \* Management problems can be addressed by :
  - \* Recognize the problem
  - \* Have the right people
  - \* Keep people together for the length of the project

Questions?

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