Optimizing Projects' Outcome to Succeed

Technical And Professional Consultants Association

Agenda …

- Introduction

- Projects Constraints/Restraints and Risk Factors

- Affecting Success and Failure Factors, Regulatory issues, etc.

- Agility, Collaboration Frameworks, and Success Factors

- Sustainable Structure, Fostering Teams

- Mission on Vision; Forming Ways of Acts

- Building Community Around Vision & Brand

About Me …

David Bakhtnia

- BSEE, MS-Engineering Management
- Programmer (Mobile App, LAMP, .NET, Full Stack, etc.)
- Product Development (SaaS, PaaS, Integrated systems)
- Technical Solutions Provider (Digital Change Management, Agile PLM, CMS, CRMS, ERPS, HRIS, IT-Labs, DevOps, Analytics)
- 200+ testimonials, 20+ Apps (PM), 40,000+ Hours of documented PM
- Coach, Mentor, Trainer, Instructor; Project Management (Scope, Risk, Schedule, M&C, etc.), Agile Frameworks (CSM, CSPO, Scurm@Scale, and SAFe®-SPC; DevOps, etc.)
- Teams and enterprise Change/Transformation Coach,
- Academic efforts (Northeastern University and UCSC Silicon Valley Extensions)

- Building a community of Agile Project Management; www.svprojectmanagement.com
- Certified Consultant; https://patca.org/members/dbakhtnia/
- Customized training and workshops; www.SVAgile.com
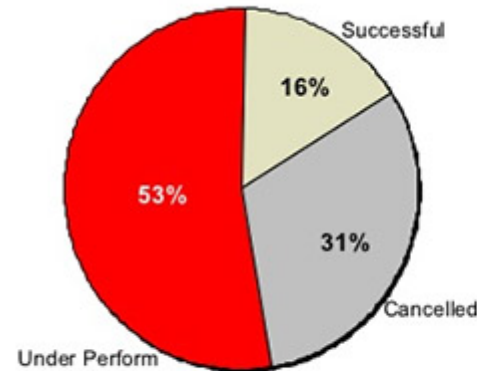- Providing & supporting Agile Project/Program Management Services & **Talents**

Factors Affecting Projects

A few factors impacting Projects and Programs:

- **Logistical Concerns:**

  - Communication
  - Cultural Values
  - Geographical Issues
  - Time Differences
  - Coordinating Interdependencies
  - Global Business Environment
  - Legal and Political Issues
  - Integration Management
  - Organizational Structure
  - Global Procurement Management
  - Leadership and Trust
  - Planning, Execution, and Control
  - Stakeholder and Customer Satisfaction
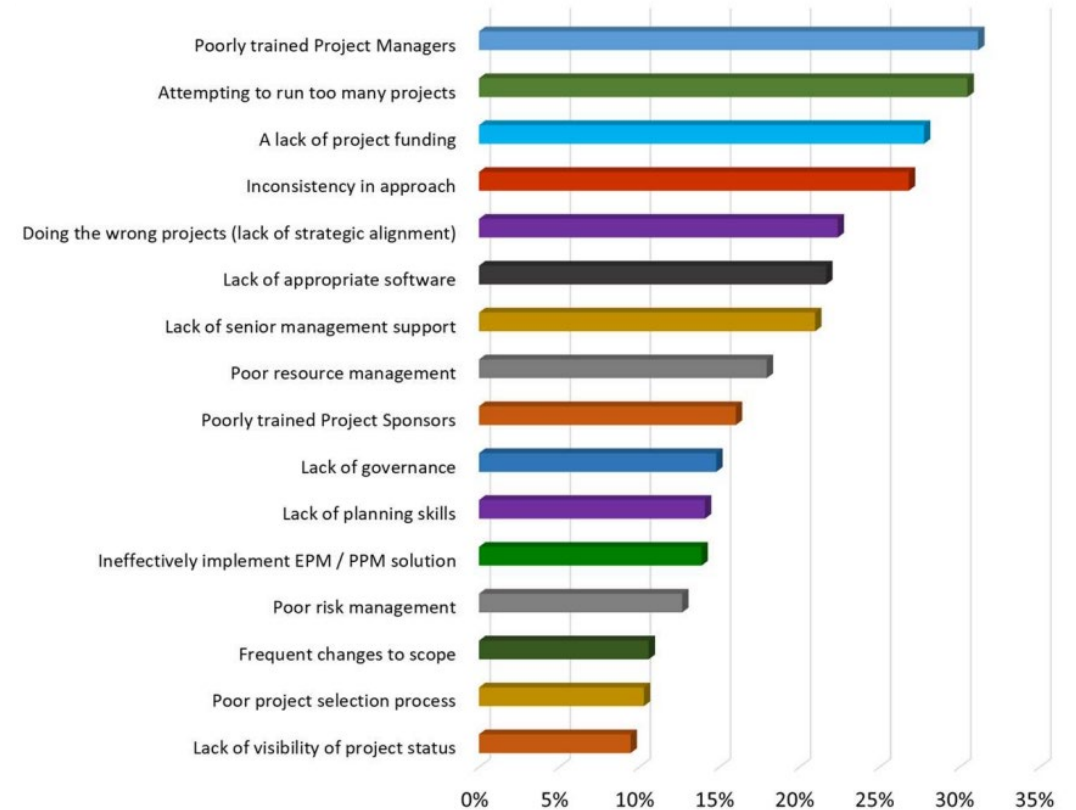 - Fast and Reliable Information Systems

- **Regulatory Issues:**

  - IP Laws (Patents, Copyrights, Trademarks, etc.)
  - Regulations and Restrictions On Hazardous Substances (RoHS)
  - Import / Export Regulations / Processes
  - Sales and marketing restrictions and Laws

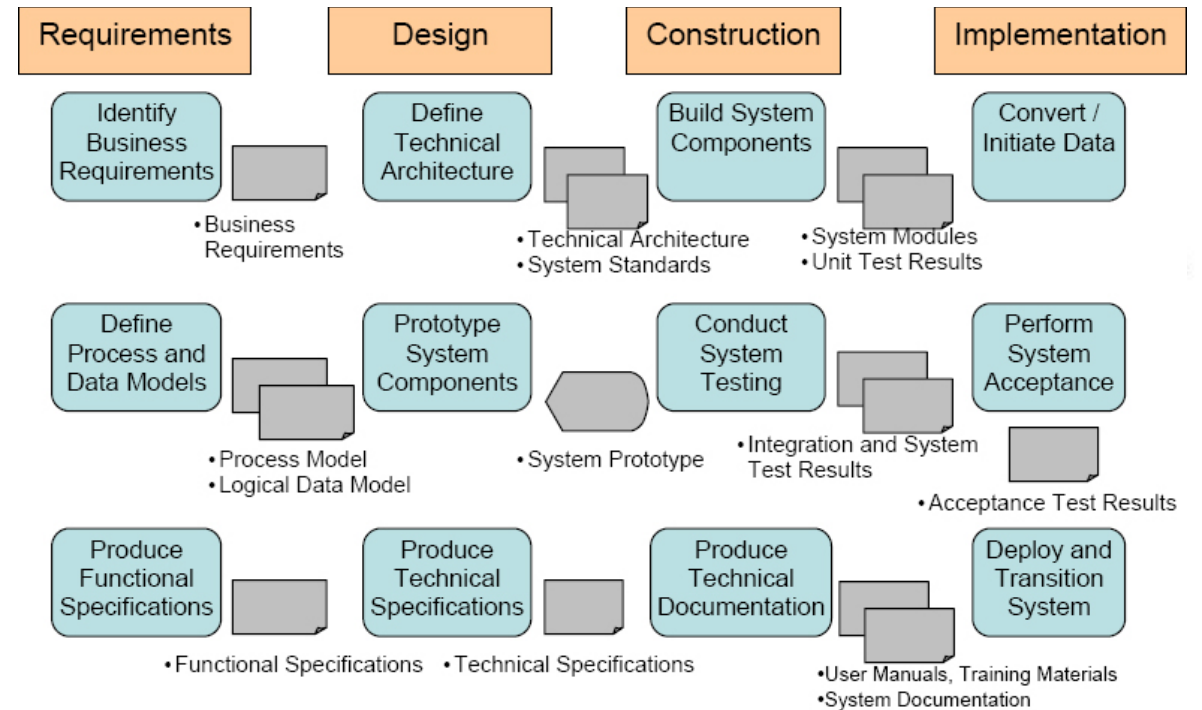# Project Failure Factors

A few numbers from Authorities:

- 70% of all projects fail.
- 42% of companies don't understand the need or importance of PMs.
- 55% of PMs cite budget overrun.
- The PM industry; $6.6 trillion (2020).
- Stakeholder engagement is the most valuable PM process.
- 62% of successfully completed projects had supportive sponsors.
- Only 2.5% of companies successfully complete 100% of their projects. Gallup

WHAT ARE THE LARGEST PROJECT MANAGEMENT CHALLENGES IN YOUR ORGANISATION

Poorly trained Project Managers
Attempting to run too many projects
A lack of project funding
Inconsistency in approach
Doing the wrong projects (lack of strategic alignment)
Lack of appropriate software
Lack of senior management support
Poor resource management
Poorly trained Project Sponsors
Lack of governance
Lack of planning skills
Ineffectively implement EPM / PPM solution
Poor risk management
Frequent changes to scope
Poor project selection process
Lack of visibility of project status

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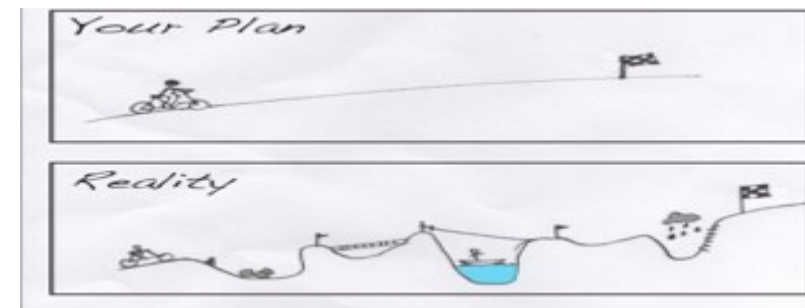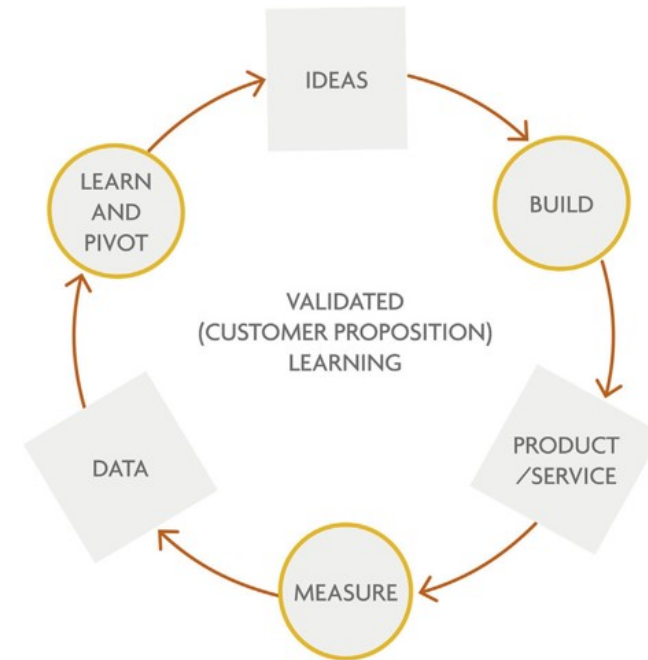
esolutionlab

Projects Lifecycle

- Demand: Market/Business

- Project Lifecycle Phases

- Planning
  - Customers (Req & **Scope**)
  - Schedules/Activities
  - Cost for Quality
  - Team & **Resources**
  - Inclusive **Communications**

- Executing **Co-operatively!**

- Measure, Validate, and Report **Iteratively** (or lack of it!)
         Not All Waterfall Models Are The Same

Requirements	Design	Construction	Implementation
Identify Business Requirements	Define Technical Architecture	Build System Components	Convert / Initiate Data
•Business Requirements	•Technical Architecture •System Standards	•System Modules •Unit Test Results	
Define Process and Data Models	Prototype System Components	Conduct System Testing	Perform System Acceptance
•Process Model •Logical Data Model	•System Prototype	•Integration and System Test Results	•Acceptance Test Results
Produce Functional Specifications	Produce Technical Specifications	Produce Technical Documentation	Deploy and Transition System
•Functional Specifications	•Technical Specifications	•User Manuals, Training Materials •System Documentation	

Projects Lifecycle 2.0

From "**Monitor** & **Control**"
to Agile "**Value**" **Building**

- *Individuals and interactions*
  over processes and tools
- *Working Products*
  over comprehensive documentation
- *Customer collaboration*
  over contract negotiation
- *Responding to change*
  over following a plan

- **Minimally Viable Product (MVP)**
- **Continuous deployment (CICD)**
- **Agile Frameworks**
- **Collaborative Tools**
- **Servant Leadership**
- **Respectfully Adapt**
- **Sustaining Growth**

Form-Build-Measure-Learn …

From Projects, Programs, and Products to your Brands

- **Learn Together;** Inspect, Adapt, Verify, and Iterate
  - Share (Peer Learning)
    - Build, Tinker, Test, Verify
      - *Embrace awareness*

- *Collaboratively & Iteratively*
  - Design Thinking
    - Design/Agile Sprints
      - *Embrace Collective Support*

  - Doing & Working Lean (All Stakeholders!)
    - *Adapting Agile Mindset*

Form To Sustain Your Brand

- ## Lead/Support by example
  Focused Vision/Mission
  Active Listening/Engaging
  Trust Building/Embracing
  Community Fostering

- ## Mentor/Train
  Knowledge Sharing
  Courageous Devotion
  Emotional Intelligence

- ## Servant Leadership
  Supportive Villagers
  Iteratively Forming & Norming
  Continuously Improving

Community@Your.Service

- **Commit to Lead**
- **Courageously Respect**
- **Train the Leaders to Serve**
- **Build Focussed Mission**

- **Authoritative Help**
- **Supportive Colleagues**
- **Expert Talents Pool**
  Serving the Community

  Embrace Your Brand

  Build Your Legacy

Contact_Me@My.Community

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- **Calendar:** https://calendly.com/david-bakhtnia/consulting-call

- **Community** | Agile & Scaled-Value Project Management
  www.SVProjectManagement.com

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&
supporting our Talents@Your.Org**