

# **Developing BPM Capability in Practice**

Promises, Pitfalls, and Lessons Learned

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### What Motivates Firms to Engage in BPM?



Problem- vs Opportunity-driven Engagement

- "Our process is Excel over email"
- "It's complicated"
- "I wish we could change, but the auditors won't allow it"
- "We're playing ping-pong across teams"
- "The only one who knows the process is the customer"

- "We want Hyper-automation Processes, Rules, Procedures"
- "Process Mining can solve for gaps in our knowledge"
- "Staff needs to be able to focus on what's important"
- "No implementation without design"
- "What does the Future of Work look like?"

90%

10%

(and shrinking)

(and growing)

## **Case 1: Department of Defense**

#### Motivation:

Department of Defense (DoD) has thousands of systems, which are each described using models that follow the DoD Architecture Framework. There is no standard required notation for the different architecture views, hindering systems integration efforts.

#### Scope:

Develop standard description mechanisms for DoDAF views as requirements for system vendors/builders

Sponsor: CTO

#### Approach:

Map DoDAF views to possible standard notations. Identify workable notation subsets. Work with the OMG on BPMN standardization. Write public policy. Train vendors.

#### Outcome:

- BPMN subsets
- Experiments in Semantic Technologies
- Moving the needle in a 2-million-member organization is hard



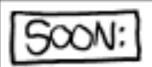


## HOW STANDARDS PROLIFERATE: (SEE: A/C CHARGERS, CHARACTER ENCODINGS, INSTANT MESSAGING, ETC.)

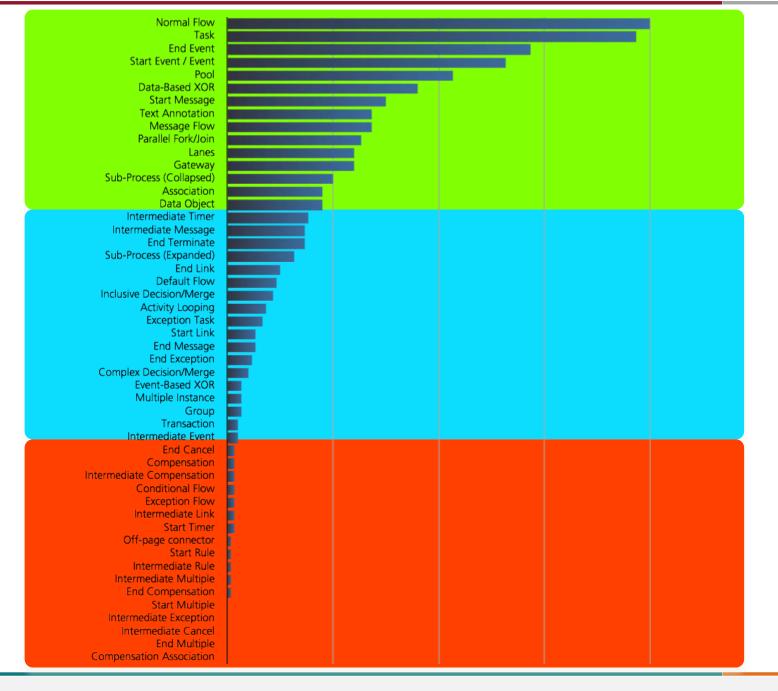


SITUATION: THERE ARE 14 COMPETING STANDARDS.





SITUATION: THERE ARE 15 COMPETING STANDARDS.

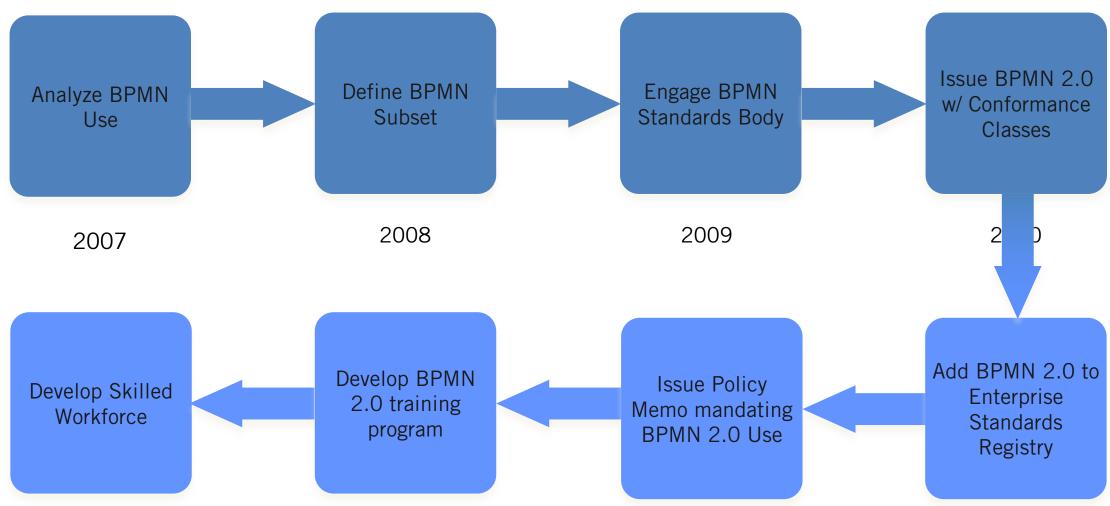




source: zur Muehlen, Recker (2007)

## **How to Improve a Standard**





#### **Case 2: Fortune 100 Investment Bank**



- Motivation: Industrialization of the Back-Office
- Scope: Establish a baseline BPM capability across Operations
- Sponsorship: COO + multiple partners
- Start: Team of 3 (2 VPs, 1 Associate) + Consultant
- Step 1: Maturity Roadmap
- Step 2: Process Architecture (Draft...)
- Step 3: Create Center of Excellence (Central)
- Step 4: Expand Center of Excellence Globally
- Step 5: Train Line-of-Business in BPM(N)
- Step 6: Embed Training in Standard Onboarding



# The Process Analyst's Dilemma

Marco Polo describes a bridge, stone by stone.

"But which is the stone that supports the bridge?" Kublai Khan asks.

"The bridge is not supported by one stone or another," Marco answers, "but by the line of the arch that they form."

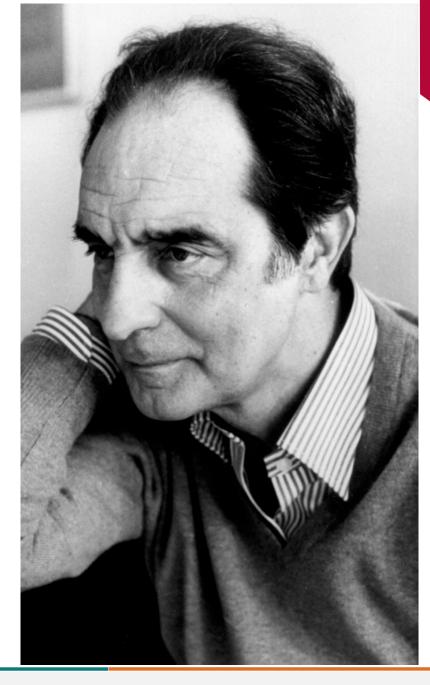
Kublai Khan adds:

Why do you speak to me of the stones? It is only the arch that matters to me."

Polo answers:

"Without stones there is no arch."

Italo Calvino: Invisible Cities, 1972

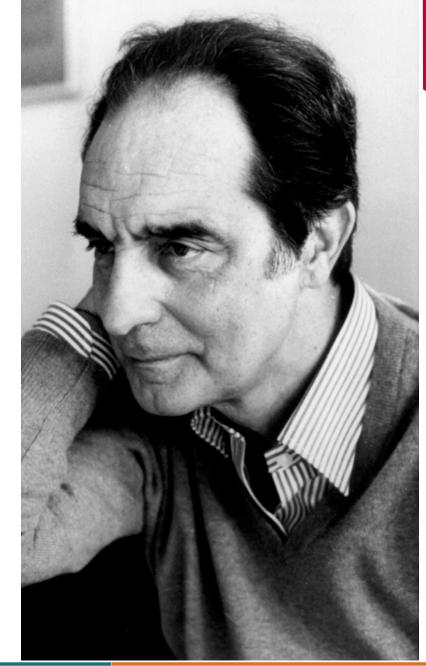




# **Analysis Paralysis**

In every age someone, looking at Fedora as it was, imagined a way of making it the ideal city, but while he constructed his miniature model, Fedora was already no longer the same as before, and what had been until yesterday a possible future became only a toy in a glass globe.

Italo Calvino: Invisible Cities, 1972





### **Case 3: Federal Reserve**

- Motivation: Need to Streamline Reporting Function
- Scope: Process Analysis, Improvement Suggestions
- Sponsorship: Function Head
- BPMN Training
- Process Analysis
- Integration Recommendations
- Moving Minds vs Moving Boxes





**Case 4: Global Asset Manager (Fortune 50)** 

Motivation: Growing Complexity, Manual Work, Need for Efficiency

Scope: Establish a Design Capability across Operations

Sponsorship: Area CEO

Team: 160 Members of Change Management Organization

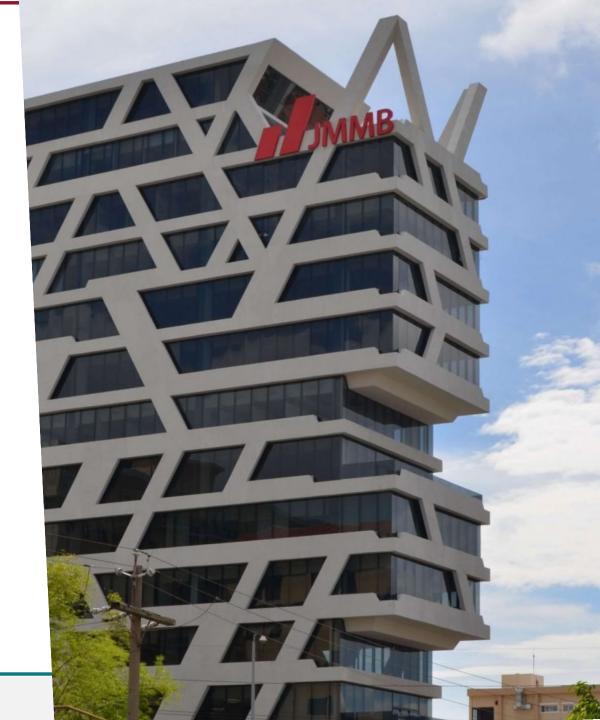
Parallel Efforts:

- Process Design
- Decision Design
- Service Design
- Hyperautomation
- Analytics and Dashboarding
- Leadership Matters
- Effect of Global Changes
- Synchronization across Business Units



### **Case 5: Multinational Retail Bank**

- Motivation: Too many replicated and redundant functions
- Scope: Create a shared back-office for operations across 3 countries and 5 business lines
- Sponsorship: CEO
- Steps:
  - 1. Plan to Develop BPM Maturity
  - 2. Training to Achieve a Common Language re: Process
  - 3. Develop a Process Architecture



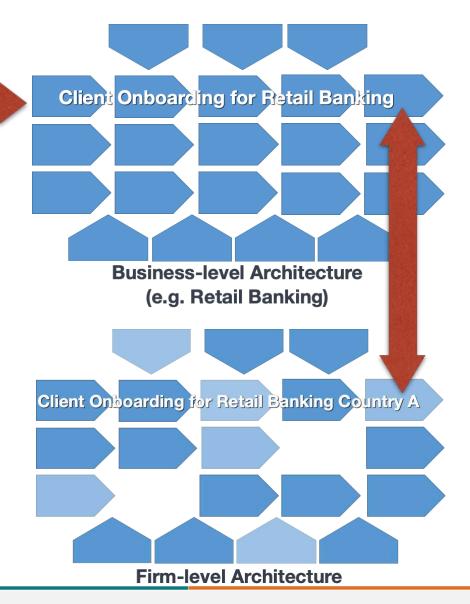
#### **Architecture Evolution**





Group-level Architecture (all of the Firm)

- Group-level helps "place" processes
  - Generic elements (provides coverage)
  - Typically done first
- Business-level helps develop "ideal" process
  - Developed bottom-up from successful firm-level architectures
- Firm-level shows reality "on the ground"
  - Best to develop 1-2 and then "synthesize" business-level architecture



## **Stylized Architecture**



					New Business		
					>	New Customer	
					>	New Product	
Third-Party Devices	Mobile and Web Application	Branch	ATM	SDK	<	Planning and Advice	
					>	Money In	
					<	Money Out	
					<b>∢</b> s	Statements and Reports	
Third-P				API and	<b>&gt;</b>	Inquiries and Requests	



**New Partner** 

**New Regulator** 

**New Customer** 

**New Product** 

External Reporting

**New Regulator** 

Regulatory Inquiry

**External Reporting** 

## **Some Process Changes are Subtle**





iPhone Upgrade Program

#### Get ready now. Speed through pre-order on 10.16.

Pre-order for iPhone 12 and iPhone 12 Pro starts on 10.16. Get all the prep work done now with the Apple Store app on your iPhone to save time at pre-order — when every minute counts.

Confirm eligibility

Compare the new models >





iPhone 12

iPhone 12 Pro



#### iPhone Upgrade Program

You're just one step away from getting your new iPhone.

- Eligibility confirmed
- Preferred iPhone selected
- Carrier confirmed
- Preapproval completed
- Starting at 5:00 a.m. PDT on 10.16, use the Apple Store app on your iPhone to complete your pre-order.



### **Lessons Learned**



- The profession is shifting fewer gurus, more professionals
- Your success always depends on relationship management
- Demonstrating value is paramount, and is becoming easier
- The golden triangle of performance is bounded by Client Experience, Risk, and Economics
- Front-office, Back-office, and Technology have different goals, cultures, agendas
- Where and how you set the goal posts matters
- Data is a huge blind-spot for many
- Just because a tool can do it does not mean it should be used that way
- Communication is key who is your audience, and what do they need to know?



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