Accelerating Development of a KS Program

Integrating Business Value and Behavior

DR Consulting Dan Ranta

NASA Johnson Space Center, Gilruth Center – June 2015

dan@danranta.com

Table of Contents (Talking Points)

Introductions: Bio / Reference Materials / Recent Client Activity KS Future State Vision: KS Vision / Business Context **KS Governance:** Governance Ideas KS User Experience: First Impressions and more (what do employees expect?) / Technology Demonstration KS Architecture: Technical Architecture / Mock-ups **Summary:** Selecting a Direction **Questions / Comments** Transformational

Recent / Current / Future Client Activity

Healthcare Company

 KS Governance Build-out, Launch one Knowledge Network – more in the works, Build-out of Company-wide Wiki, Ongoing KS Strategy Support

Medium-sized Refining Company

Content Management Assessment and Implementation, Build Intranet, SharePoint 2013 Document Management Solution,
 Ongoing maintenance work for Laurel, Transitioning to second Refinery, Collaboration & Digital Strategy Support for Corporate SharePoint efforts, Strategy work with several groups such as Maintenance and Safety, EnergyWiki build and implementation

Global Auto Manufacturer

 KS Strategy, KS Governance, Company-wide Wiki, Knowledge Network Development for 4 Networks in North America, Strategy work for Additive Manufacturing (3-D Printing)

Integrated Global Oil & Gas Company

KM Strategy, KM Assessment, Launched 2 global CoPs, Built and Launched Company-wide Wiki, leveraging the work to refresh
 10s of Communities of Practice, Strategy work with several functions and locations

Global Manufacturer

KM Assessment, KM Strategy, KM Governance, proposal to build-out 3 global Knowledge Networks beginning in July 2015

National Oil Company (NOC)

KM Assessment and KM Workshops for extended team in country

Global Chemical Company

KM Assessment and Strategy for Q3

DR Consulting: Purposeful Collaboration Drives Business Value

Smart managers intuitively understand the importance of the problems that Knowledge Sharing or Collaboration efforts are often designed to address – some key facts:

- Sprinkled across most organizations are people doing similar kinds of work, but they often remain unaware of one another's expertise, successes and failures.
- Some of this lack of awareness is the result of waves of downsizing, reorganizations, leadership changes, and new acquisitions.
- However, even in the best-managed organizations, employees who could benefit from one another's experiences are often isolated by formal structures and mechanisms that subdivide work into different reporting channels and focus employees on local, rather than overarching, business goals.

It has become conventional wisdom that a technology-led "build it and they will come" approach is naïve, and that effective collaboration is more about people and processes than it is about technology. Yet managers still grapple with what this means: Which people? What processes? And how can managers make sure that their company is focused on a measurable, sustainable, and attention-grabbing business impact? How do we create governance and accelerate our development in this area?

Four Principles of Effective Networking from DR Consulting

DR Consulting helps clients create the success with principles to develop vibrant and effective global Communities of Practice (or Knowledge Networks) that result in measurable cost savings and revenue generation. At DR Consulting, we call this Purposeful Collaboration. Below, we group purposeful collaboration principles according to the question they address:

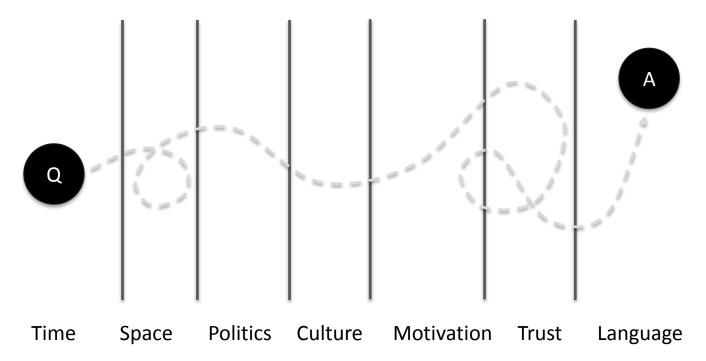
- 1. What key decisions determine whether or not a new community should be formed?
- 2. What kinds of roles are necessary to ensure community success?
- 3. How can a company establish the kind of knowledge-sharing culture that communities require?
- 4. How does the day-to-day community operation maximize benefits and minimize efforts for all involved?

Communities of Practice (or Knowledge Networks) should focus on knowledge sharing with an emphasis on two "B's" – **Behavior and Business Value**. When done properly, Communities of Practice should enable groups, functions, disciplines and business locations to build greater levels of openness and trust, which, in turn, improve employee collaboration and the sharing of valuable best practices and lessons learned. This sharing will leading to positive business results, such as reduced project cycle time and cost of production, as well as elevated competitive differentiation and improved financial results. Purposeful Collaboration should also be recognized as a critical pillar and enabler of innovation.

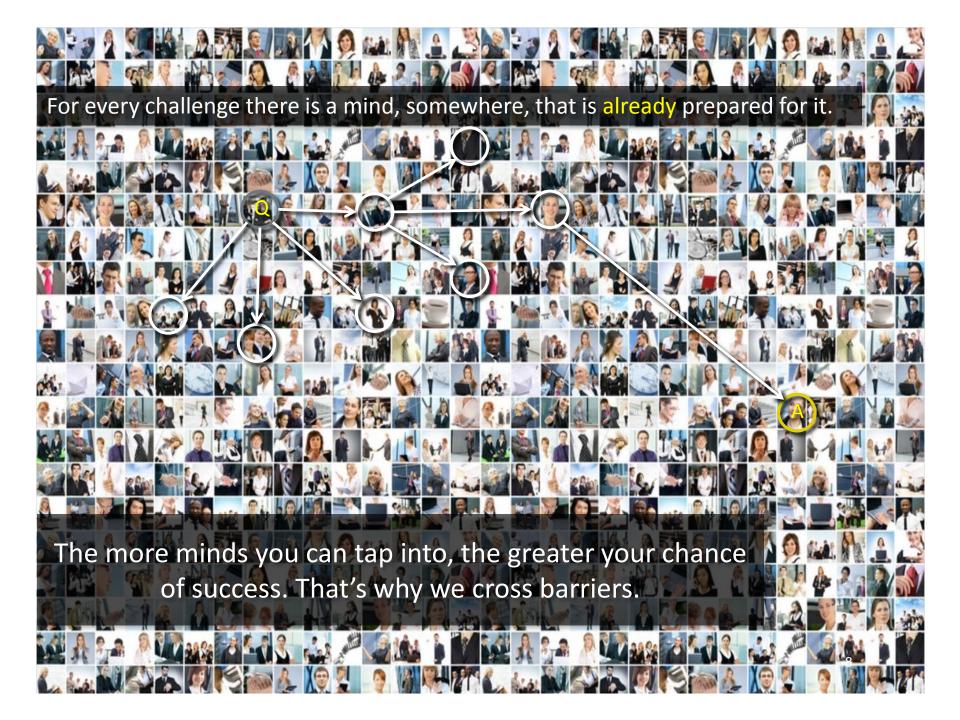
KS Vision / Business Context

Collaboration crosses boundaries – ALL ARE WELCOME

- Collaboration is people working together across a barrier to solve a problem.
- What are the traditional barriers to collaboration?



Why should we try to collaborate? Why work so hard to cross these barriers? "Fortune favors the prepared mind." ~ Louis Pasteur No matter how hard you work, as an individual, we can not be prepared for everything.



What is the Collaboration Business Case?

Collaboration is never a driver in and of itself!

Key questions:

- What strategic priority does this help realize?
- How does it help realize the strategy priority?
- What processes need to change?
- Who will benefit from this?
- How can we measure this?



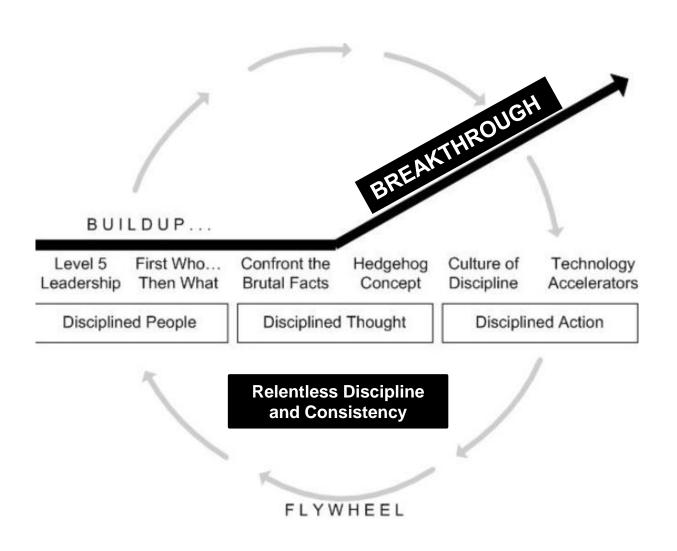
Governance Ideas

"...the processes of interaction and decisionmaking among the actors involved in a collective opportunity that lead to the creation, reinforcement, or reproduction of norms and standards." SHARED ACCOUNTABILITY



The Flywheel

The additive effect of many small initiatives – acting like compound interest



KS User Experience / Technology

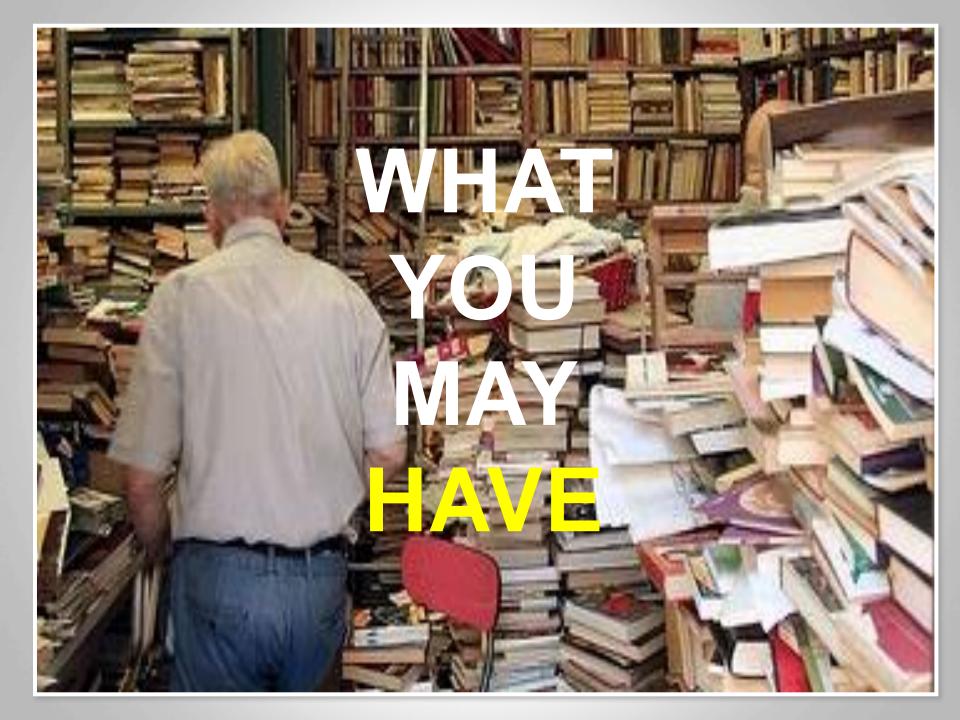
You have most of the tools you need – but it's left to the user or groups to try to pull them together



WHAT YOU HAVE

WHAT YOU MAY WANT







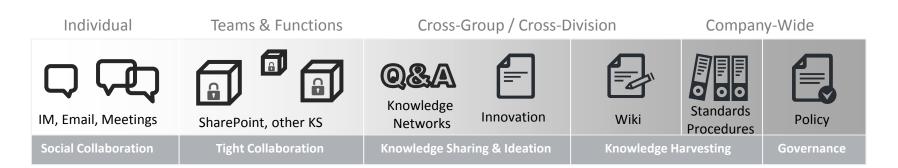
Typical Knowledge Knowledge Ecosystem

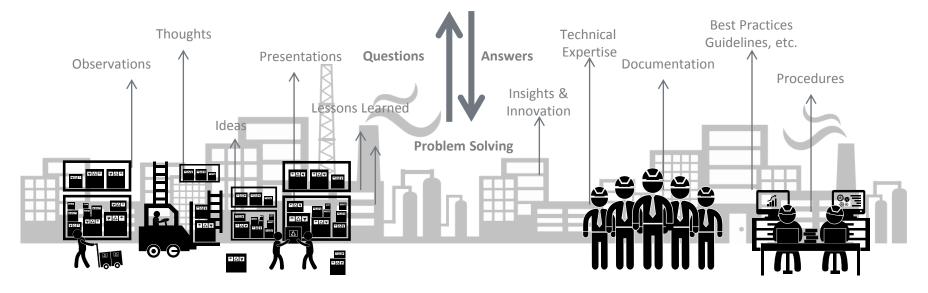


Search – Organized by Relevance

Enterprise-wide Wiki – Organized in Context

Informal Formal





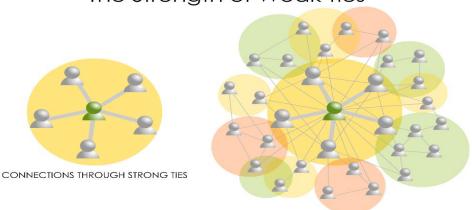
KS Architecture – Mock-ups

Ecosystems: Having "know-who" is far more effective than just having "know-how," and new channels yield new solutions. But that's not enough. Finding and implementing new solutions requires thoughtful planning, communication and willingness to take risks. Collaborative networks are more dynamic and interconnected than traditional hub & spoke structures. — -

See more at: http://innovationedge.com

The Strength of Weak Ties - Link to Article

The Strength of Weak Ties



CONNECTIONS THROUGH WEAK TIES

- The problem with strong ties is that they require a lot of effort to maintain. If you're familiar with Dunbar's number it basically suggests that we can't usually maintain more than 150 stable social relationships. Weak ties on the other hand do not require a lot of effort to maintain and we can have far more of them.
- When two people have strong ties they typically know many of the same people and have access to the same information, which means there is strong overlap between the two. Strong ties at work are typically co-workers that sit next to us or perhaps work in the same department. This means that if you need access to someone or something outside of your department, that your strong ties generally don't have access to things that you can't get access to yourself.
- However, when you have a weak tie with someone this acts as a bridge to an area where you most likely don't have access to the same people and information that your weak tie does. In this scenario there is not a lot of overlap. A good example might be if you're in the marketing department but need some assistance with something related to finance or legal. Having these weak ties allows you to get access to these people and information in other departments. It is possible to maintain a few strong ties in other departments but usually not many.

Jacob Morgan - Forbes Leadership Article

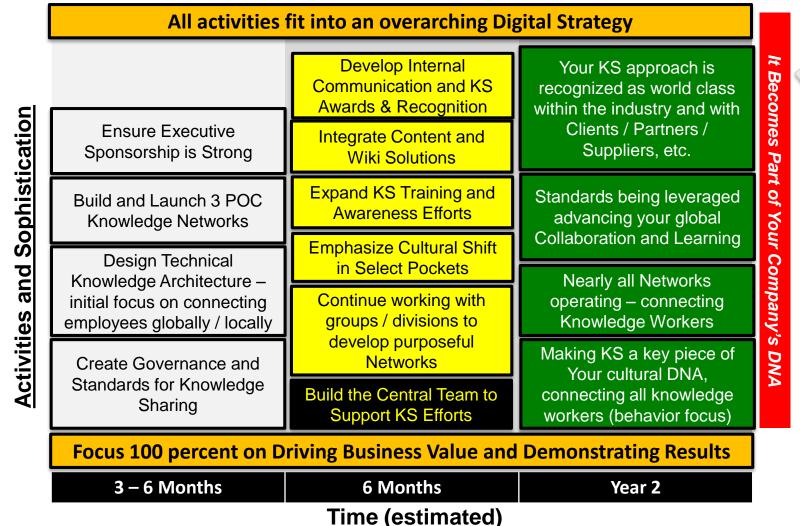
Summary

Typical KS Options Moving Forward

Options for any Company	Slogan	Support Required	Time Line	Likely Results / Value	Strategic Alignment
1. Continue with Status Quo Do nothing, continue with current solutions and governance frameworks	"Plow ahead"	Existing company resources	Already Here	Some Value Continued waste and redundancy	Fuzzy / Unknown
2. Governance-only Improvements / Solution No new technology or major redesign. We try to use what we have in the most effective way possible	"Double Down"	 Existing company resources Some consulting support and training 	 Ongoing Journey (never ending) More of the same 	 Slow progress Some isolated pockets of goodness Inconsistent results across the company 	 Ad-hoc Not clearly defined for most groups
3. Technology-only Improvements / Solution Buy or build some new tools and role them out and hope people will use them effectively to add value	"Build it and they will come"	Existing IT and business resource support	• 12+ Months + • Hard to define	 Unlikely Value Fracturing of audience to "yet another solution" Confusion for users 	• Fuzzy / Unknown
4. Integrated Approach for both Governance & Technology - Leverage a proven and repeatable set of principles and patterns - Provide a world-class set of enablers - Promote a common vision, strategy and governance approach	"A New Way for Collaboration"	 Existing company resources Experienced consulting support Eventual central KS team 	Focus on Knowledge Networks (re-fresh) Company-wide build-out: 2 – 3 Years to apply this model for other Groups / Divisions (but journey never ends)	Cross-group & division collaboration	 Business-based, global alignment Easy to connect to overall business objectives

Accelerated, Standard Network / KS Approach

- the path to a Connected Enterprise and World Class KS



Focus on

Thanks Again for the Opportunity!

Questions / Comments

dan@danranta.com