

KM Case Study: Combining Social Computing and Organizational Development efforts into a Virtual Technical Network (VTN)

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Connecting People Sharing Knowledge Driving Results





#### **Introduction to Merck and GSTC**



- Merck/MSD is a leading global healthcare company of about 90,000 employees
  - Merck merged with Schering Plough in 2009
- Global Science, Technology & Commercialization (GSTC) is an organization within the Merck Manufacturing Division with the mission to commercialize and support long term reliable supply of our products through the following
  - Manage the late stage product and process development of our pharmaceutical products
    - Operate pilot and full scale manufacturing facilities to manufacture clinical and commercial materials
  - Provide technical support for in-line products
- STC is a large and diverse organization, consisting of ~3,000 employees, located at over 50 sites, in over 20 countries around the world

KM Roadmap how we work **Design and execute 4 initial pilots** 

Sustain and deliver value: Managing knowledge as

Sustain, improve, accelerate, additional capabilities for innovation, workplace coaching, further engage partners

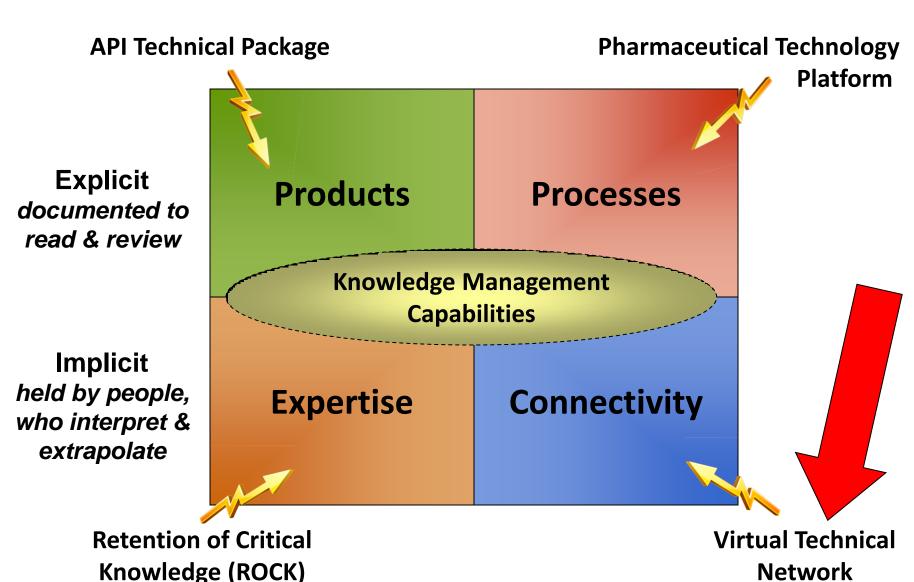
Era of adoption - continue to expand and embed capabilities, develop additional capabilities for ideation

Early replication & expansion of product, process & connectivity capabilities

Get Started - Establish case for change, **Develop strategy** 

## **Knowledge Management Pilots**





Why a Virtual Technical Network (VTN)?

"People are our most important asset."

-President, Merck Manufacturing Division

### **Case for Change**

 We were not harnessing our <u>existing</u> collective knowledge and experience

We have a large and globally dispersed population

3. We were integrating two large corporations

### Intent - What does success look like

 Provide an efficient and effective means of connecting people, expertise and knowledge to create business value

- 2. Enable a more inclusive environment
- 3. Make problems visible and solve them once
- 4. Become part of how we work



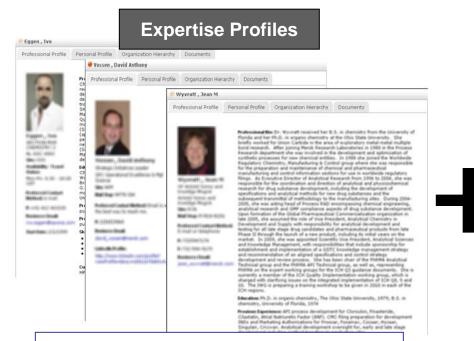
## What is the Virtual Technical Network (VTN)?





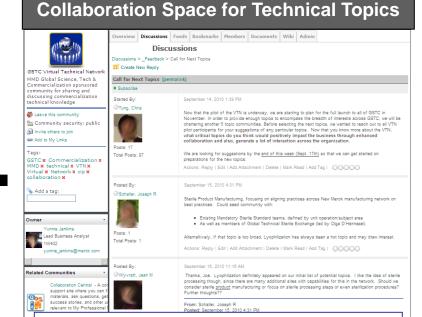
## **A User Perspective**





#### Includes things like...

- Key experience, including compounds worked on
- Professional background
- Education
- Memberships & Affiliations
- Areas of interest



- Includes things like...
- Key technical topics
- A place to ask questions
- Tagging, rating, links and other features to better manage knowledge and provide relevance
- 'Official' SMEs to help answer questions



# **Our Change Approach**

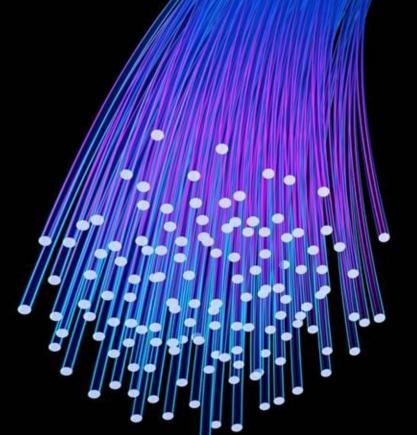




Our workforce is a network of knowledge workers

Mindsets and behaviors strongly affect the flow of tacit knowledge in a human network

Must create an Energized Network\* to maximize the flow of knowledge.



# Rules of Engagement based on inclusive behaviors\*

- 1. Build trust in the community
- 2. Be willing to seek and share information
- 3. Listen as an ally
- 4. Create a sense of safety for yourself and others
- 5. Create a 360 degree vision and accept people's frame of reference as true for them
- 6. Ask who else needs to be in the room
- Link to others ideas Give Energy Back!

## Create and sustain supportive energy



- Give energy back to people for...
  - leaning into discomfort
  - respectfully challenging
  - Sharing their expertise and experience
- Share the new story
- Recognition
  - Peer-to-peer
  - Contributor
  - Stewards

# Approach

Standard Work

CommunityLifecycleManagement

Business Focused Topics

- Fit in Portfolio
- Business Impact and Urgency
- Breadth of Topic

Dedicated Support

- Core Team
- CommunityStewards

**Active Change Management** 

**Risk-Based Change Plan** 

# VTN has become a brand for professional networking and collaboration



"VTN can help us work as a team, where we can have not just 200 hands - but rather thousands to help hold each other"

Per recent survey –

81% feel more included in the organization

84% feel the VTN is a new and valuable way of working

67% will recommend the VTN as a first place to go for information



# Lessons We've Learned

Sponsorship-has to be strong and visible You need the right Community Stewards

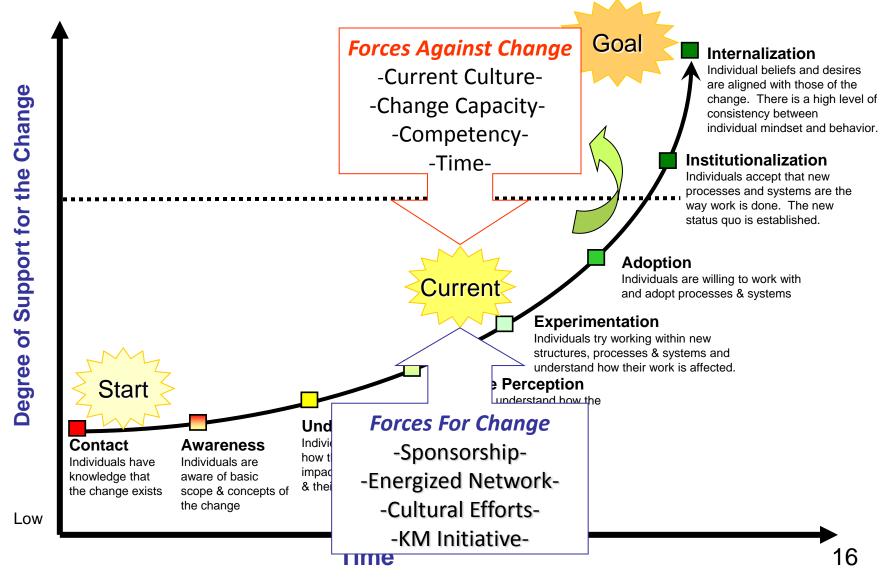
Dedicated Support is crucial

Energy!!!!

Change Takes Time

#### **Future of VTN: Internalization level of Commitment\***





<sup>\*</sup>Change commitment curve adopted from Conner Partners

# Thank you for your attention





Thoughts or Questions?