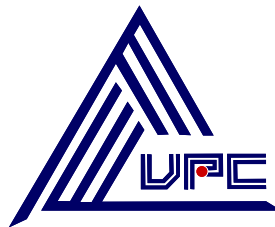


APO KM Training Course
@Hanoi, Vietonam
10-11 August 2005

***How to Build a
Knowledge-based Organization***

- Best Practices and Keys for KM Implementation -



Organized by: Vietnam Productivity Centre (VPC)

Agenda

Session . (August 10th 09:00-10:30)

Definition and Best Practices of KM

- Introduction and Course Review
- Why and What's KM?
- Best Practices of KM

Session . (August 10th 11:00-12:30)

Overview of Implementation of KM

- 3 types of KM Strategy
- Difficulties and Measures of KM Implementation
- Lessons Learned

Session . (August 11th 09:00-10:30)

Case Study (1) Defining KM Strategy

- Finding Opportunities of KM
- Defining KM Strategy

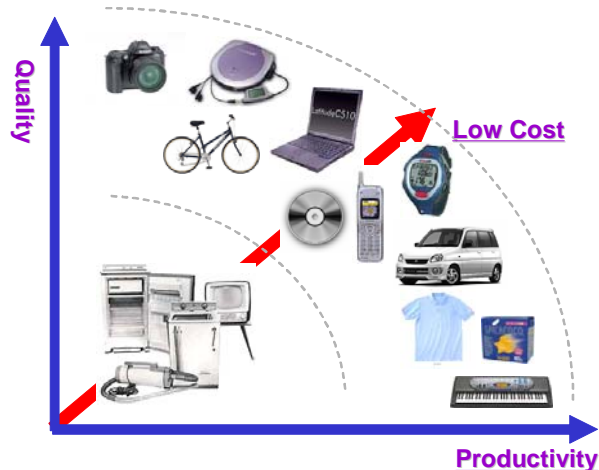
Session . (August 11th 11:00-12:30)

Case Study (2) Selecting Pilot Areas

- Finding Potential Pilot Areas
- Evaluating the Options
- Summary and Feedback

Why Enterprises need KM?

Before Knowledge Era



Paradigm of Competition

- How to generate products and services with better quality and less cost?
- Focusing on **“How”** rather than **“Why”** and **“What”**

After Knowledge Era



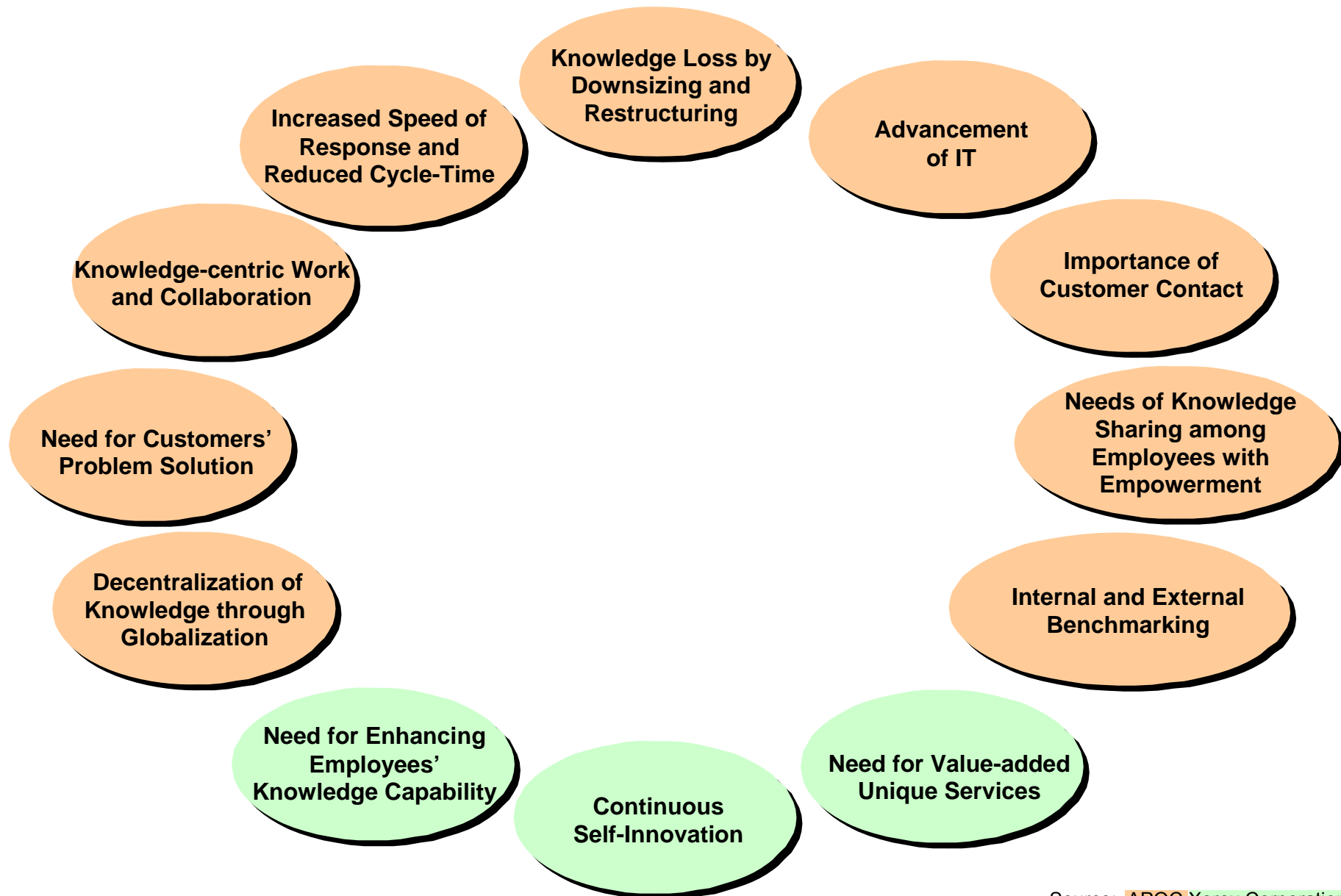
Paradigm of Competition

- What to provide products and services which are unique?
- Knowledge embedded in Business produce more profit than products.
- Should focus on **“Why”** and **“What”** rather than **“How”**

“Continuous Innovation or Die”

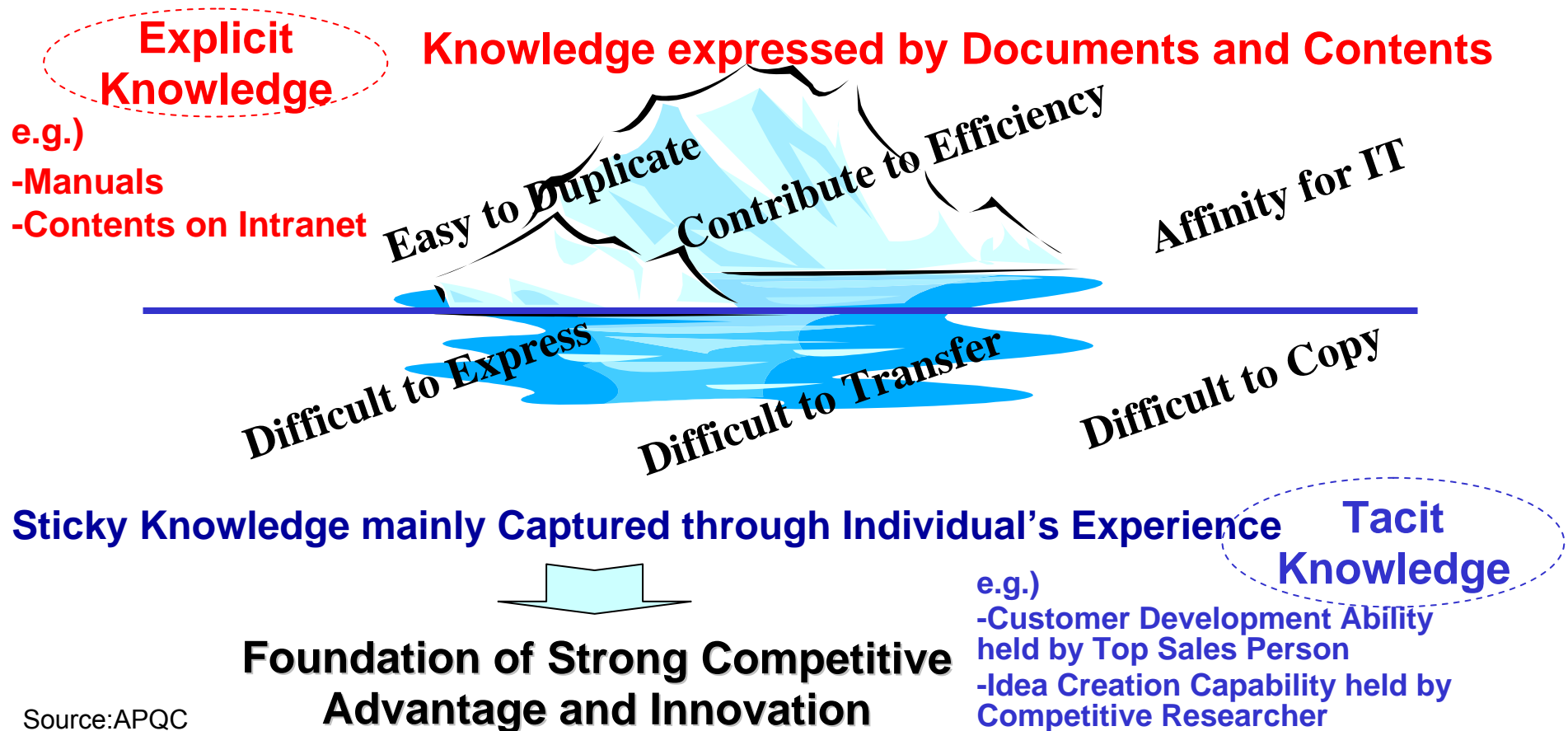
- Knowledge is the most important resource of Value Creation

Main Triggers for Knowledge Management



By the way, What's Knowledge? (Definition)

- Knowledge is **“Information in Action.”**
... APQC (American Productivity and Quality Center).
- Knowledge is **“Justified True Belief.”**
... Professor Ikujiro Nonaka (Guru of Knowledge Management).



Key Focus of Knowledge Management

- Since Knowledge is tacit and sticky to context, different from information, we should focus on following things to achieve KM successfully.

“Vital Individuals” and “Dynamic Ba”

- Physical and mental space that is shared by knowledge workers to co-create intellectual and emotional interrelationship



“Communities of Practice”

- Human networks that are formed voluntarily to learn specific knowledge mutually, which maintain close but independent relationship

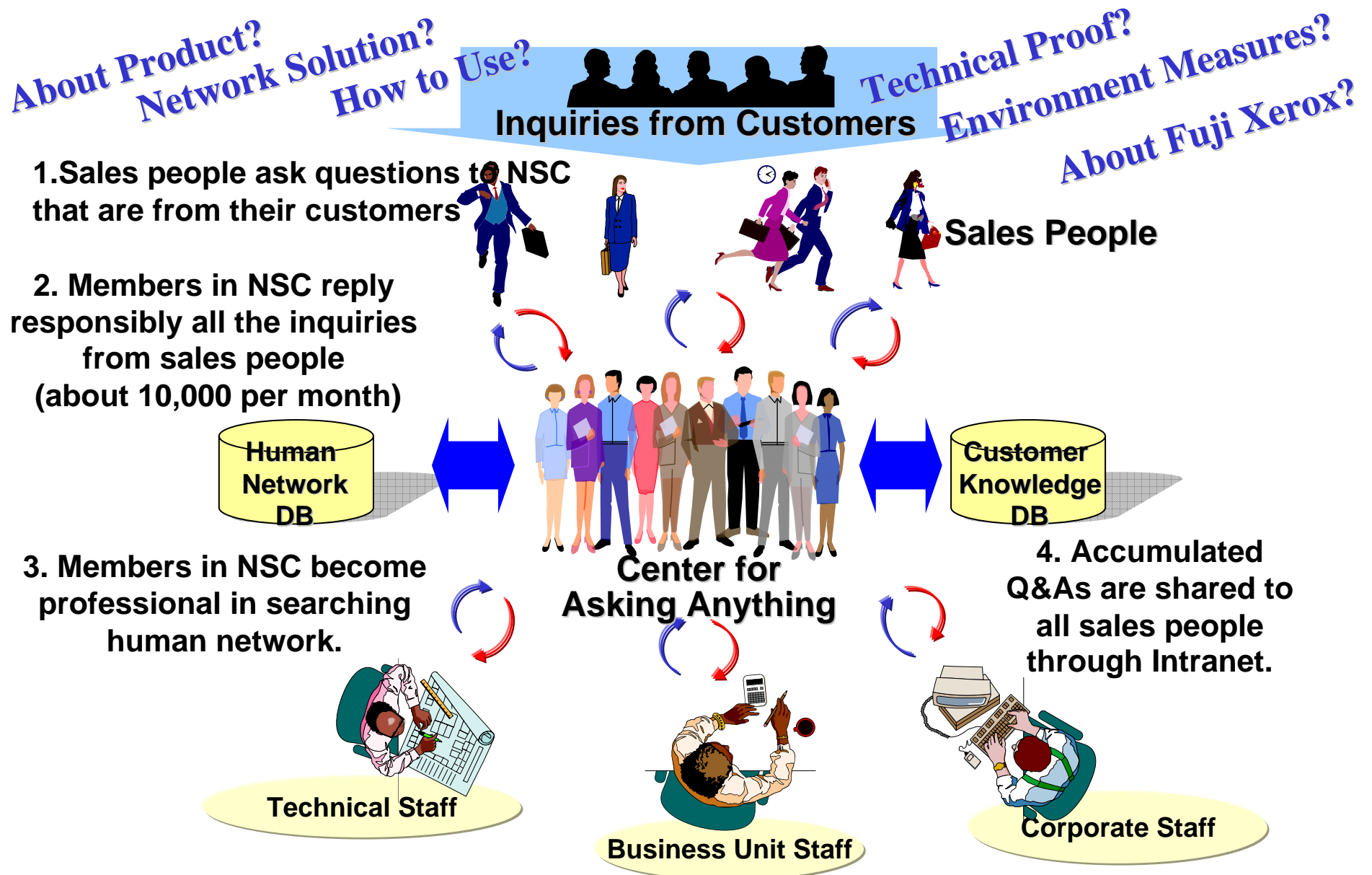


“Social Capital”

- Collective value of all "social networks" and the inclinations that arise from these networks to do things for each other ("norms of reciprocity")

Best Practices of KM

Case1. Fuji Xerox "Ask-Anything" Center



Case1. Fuji Xerox "Ask-Anything" Center

- The Q&As Accumulated Become Valuable Knowledge for Sales People

The screenshot displays the Fuji Xerox "Ask-Anything" Center website in Microsoft Internet Explorer. The browser window shows the URL <http://nsc.tky.fujixerox.co.jp/NSCQA.nsf/Kankyou?OpenForm>. The website features a search bar, a list of Q&A topics, and a "Topics" section with various links and information.

何でもQ&A
環境問題関連
カテゴリ "環境問題関連"の中から検索できます。
人体 and 影響
検索

[前へ] [次へ] [全て展開] [全て省略]

01. FXの取り組み

- ☺ QM JCSを廃棄した場合、リサイクル証明のような書類をお客様に提出
- ☺ エコマーク認定を受けた機器に貼るシールの類はありますか？ (007)
- ☺ DC450Gのリサイクル率を教えてください (063.DS営業部 99/11/16)
- ☺ トナーの安全性について (041.埼玉支店 99/10/14)
- ☺ ISO14000の環境基本方針を立てる目安としてFXの環境方針が欲しい
- ☺ トナーカートリッジなどの回収はどのくらい再資源化されているか。(02)
- ☺ ISO14000を取得しようとしているお客様がいらっしゃるのですが海外見学コース、内容等ありましたら教えてください。(022.城南支店 99/09/16)
- ☺ 用紙のリサイクルについて (062.神奈川支店 99/08/31)
- ☺ FXの99年度版環境報告書を手に入れたい (002.DS第2営業部 99/08/28)
- ☺ FXのグリーン購入関連資料の件 (063.DS営業部 99/06/28)
- ☺ トナーカートリッジの再利用について (010.NM営業部 99/06/15)
- ☺ トナーのリサイクルに関する質問です。(024.城北支店 99/06/09)
- ☺ ISOから初めてDC、DMの提案資料検索 (042.新潟営業所 99/06/06)

トピックス

ホーム
何でもQ&A
製品情報
何でもDB
競合情報
何でもナレッジ
PC何でも
何でもリンク
対応窓口&手続
検索
ソリューション
NSC情報

●最新情報
●検索
●ゼロックス製品
●ゼロックス社内
●ゼロックス社外
●IT業界
●NSC
●東京支社
機械配送予定
イベント情報
ナレッジスクエア

お客様のペーパーレス提案にむけて(経理部門の場合)
FXOSワークプレイスセミナーの案内。(2000/06/13)

島原手延べそうめん・ひやむぎ6品目が35%オフで販売。(2000/06/12)

「DocuWorld2000」東京は終了、大阪へ！(2000/06/07)

ペーパーレス・インターネットFAXニーズ調査の結果と御礼。(2000/06/06)

ぜひご協力下さい！「売上計上業務アンケート」(2000/06/06)

好評！ダーバン商品特別ご招待会のご案内(2000/06/05)

【活用エイド】KM & DM調査報告:お客様向け資料(2000/06/02)

FXOSより営業の皆様へご案内:
リサイクルカラーペーパー色見本帖追加(2000/05/30)

映画「インサイダー」のチケットを1,440円にて販売！(2000/05/29)

EPSVLT(WZ31)が変更、商品コード(T9100006)(2000/05/23)

【何でも相談センターの連絡先】
外線 03-5353-0540 FAX 03-5353-0543 内線 7-912-399

●便利なリンク
事業所担当者検索
FujiXerox
FIRST-W
Web販売通達
MACNET
Windows Net
Printer&PCの部屋
ドライバダウンロード
KSC
DocuSquare
DocuWorks(TSC)
QDP事業本部HP
CentreWare
マーケティング推進部
カラーナレッジセンター
武蔵システム
DocuScope

ACCESS COUNTER
0555167
SINCE 12/1/1997

イントラネット

Case1.Fuji Xerox "Ask-Anything" Center

Key Success Factor

1. Well-Designed Collecting Needs for Sales that fits Sales People's Behavior

- “We will Solve your Problem” Approach Fits Sales People's Behavior.
(“Put in your Knowledge” Approach does not Work for Sales People.)
- Resultingly, Repeating Q&A Process Generate Huge Knowledge Accumulation that Fits Needs of Sales People.

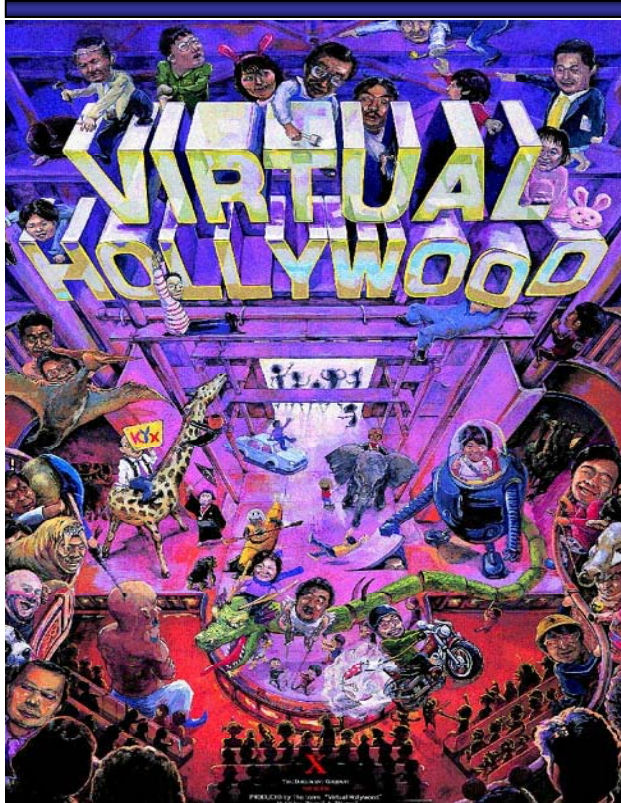
2. Capturing Fresh Knowledge through Dialogue

- “Picking out Essence of the Knowledge from Dialogue” Approach can Build Useful Knowledge Repositories.
(“Automatic Knowledge Accumulation” Approach does not work.)
- For that, Full-Time Workers who Have Passion for “Knowledge Stewarding” are Effective Measure.
- . Knowledge Management is not “System-Intensive” but “Labor-Intensive”
- Members in NSC are very responsible, because they all raised their hands to Launch NSC.

3. Company-Wide Learning Network

- By Accumulating customer knowledge in the intranet, almost every answer for inquiry can be found as the ones answered before. (Organizational Learning)

Case 2: Fuji Xerox Virtual Hollywood Program



- Innovative activities assumed from customer's scene and to collaborate beyond organizational boundary.

---Write Scenario and act beyond what customers expect as if we create Hollywood movies to excite people, all for excitement of our customers...---



Purpose

Extrication of Job-Description Oriented Work Style

Extrication of Hierarchical Management

Supporting Community

Bringing out Ownership

Fostering Customer View

Networking

Community Activity

Nurturing Change Leaders

Case 2: Fuji Xerox Virtual Hollywood Program

3rd crewインジケータ - Microsoft Internet Explorer

ファイル(F) 編集(E) 表示(V) お気に入り(A) ツール(T) ヘルプ(H)

戻る 進む 中止 更新 ホーム 検索 お気に入り 履歴

アドレス(D) http://mars.m.fxhq.fujixerox.co.jp/vh/meibo/3crew.html

テーマNo	活動テーマ名	応募者名	部門
D-185	全社レベルのEPシステム問題解決	小松崎 良之 長野 謙 後藤 稔 清水 弘	CS&
D-037	ドキュワークスがゼロックスを軸にソフトウェア・オンデマンド課金ビジネスによるゼロックスのビジネスモデルの革新	丸山 恵太	地域
D-040	S&SE(セールス&システムエンジニア)職の確立	白石 清六	地域
D-091	営業情報システム再構築の提案	大畑 裕昭	地域
D-163	「Ryoma Project」(KYXを実現する環境作り:社内制度とルールの徹底・見直し)	中谷 泰志	地域
D-096	SI企業への企業戦略	小野寺 徹	地域販売本部
D-128	お客様のOFFICEをコーディネートしませんか?	西中 基浩	地域販売本部
D-131	「知の共有と活用をすすめる環境の構築」をお客様に提供するために	藤井 大介	地域販売本部
D-148	IT、SI企業に向けての基盤、体制づくり	山本 健司	地域販売本部
D-166	IT産業に勝ち抜くための営業スタイルの革新	須山 彰一	地域販売本部
D-006	お客様からみたFY窓口のIT・サービス	吉田 和生	地域販売本部

ページが表示されました

List of Themes

Community members

プロジェクト Web - メンバー - Microsoft Internet Explorer

ファイル(F) 編集(E) 表示(V) お気に入り(A) ツール(T) ヘルプ(H)

戻る 進む 中止 更新 ホーム 検索 お気に入り 履歴 メール サイズ 印刷 編集

アドレス(D) http://microe.rel.crl.fujixerox.co.jp/vh3-185/members.htm

プロフィール
所属部署
事務所の所在地
手帳の郵送先
電話番号 (内線)
E-mail
Home Page

7-956-314
yoshiyuki.komatsuzaki@fujixerox.co.jp
http://www.fujixerox.co.jp

先頭に置く

長野 謙

コラボレーション共有タスク - タスクスペース - Microsoft Internet Explorer

ファイル(F) 編集(E) 表示(V) お気に入り(A) ツール(T) ヘルプ(H)

戻る 進む 中止 更新 ホーム 検索 お気に入り 履歴 メール サイズ 印刷 編集

アドレス(D) http://sandra.rel.crl.fujixerox.co.jp/web/command/task.asp?id=574

タスク名: 3rd crewインジケータ
開始日時: 1999/7/28 12:00:00
終了日時: 1999/7/28 12:00:00
終了日時: 2000/4/12 14:29:4
タスク状態: 実行中

タスク一覧

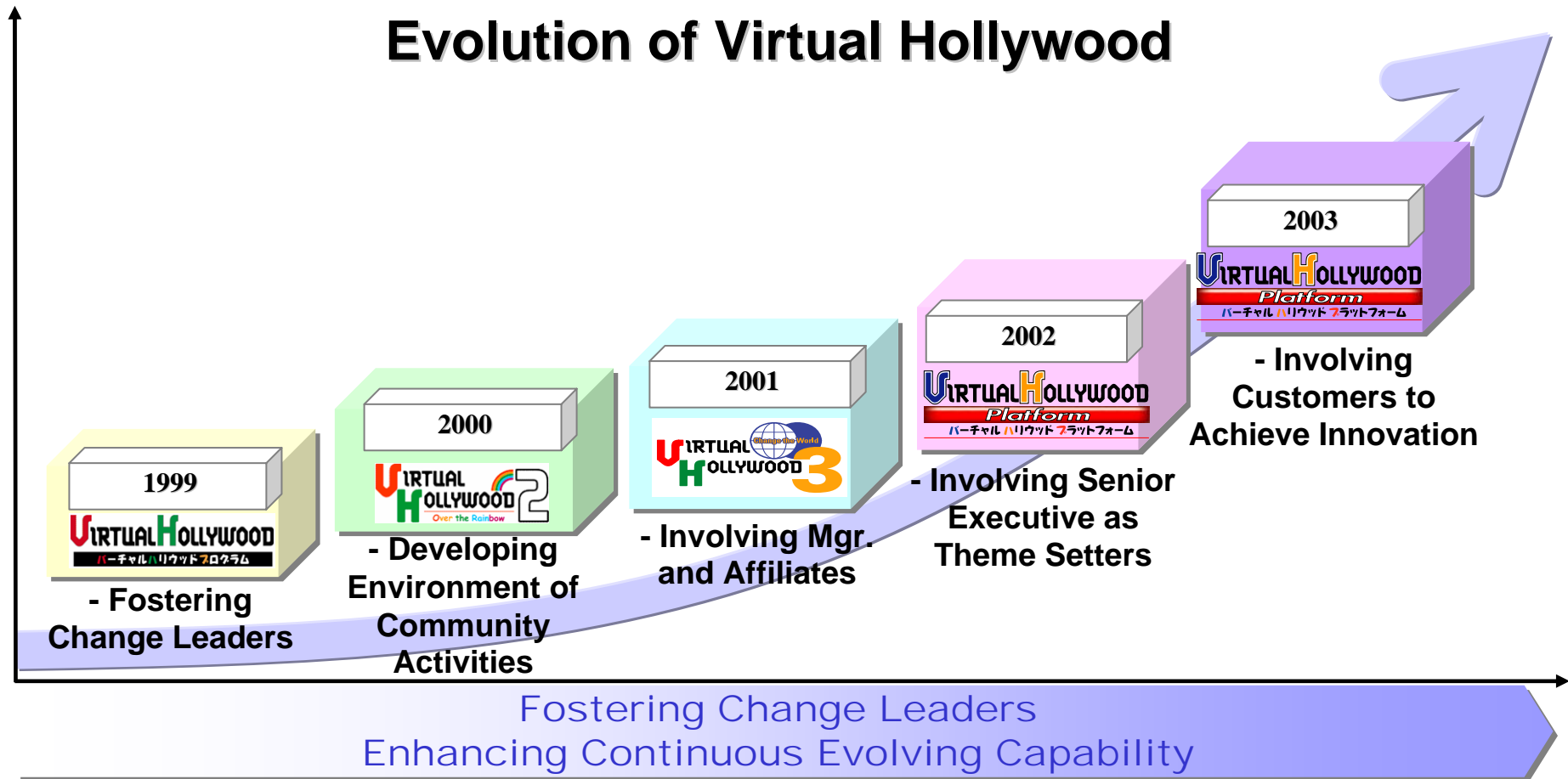
氏名	所属	終了/アタリ
中野 徹	地域販売本部	2000/3/10 15:59:28
西中 基浩	地域販売本部	2000/3/10 15:59:28
藤井 大介	地域販売本部	2000/3/10 15:59:28
山本 健司	地域販売本部	2000/3/10 15:59:28
須山 彰一	地域販売本部	2000/3/10 15:59:28
吉田 和生	地域販売本部	2000/3/10 15:59:28

コンテンツ

- ・ 全社レベルのEPシステム問題解決 (小松崎 良之) 1999/7/28 12:00:00
- ・ ドキュワークスがゼロックスを軸にソフトウェア・オンデマンド課金ビジネスによるゼロックスのビジネスモデルの革新 (丸山 恵太) 1999/7/28 12:00:00
- ・ S&SE(セールス&システムエンジニア)職の確立 (白石 清六) 1999/7/28 12:00:00
- ・ 営業情報システム再構築の提案 (大畑 裕昭) 1999/7/28 12:00:00
- ・ 「Ryoma Project」(KYXを実現する環境作り:社内制度とルールの徹底・見直し) (中谷 泰志) 1999/7/28 12:00:00
- ・ SI企業への企業戦略 (小野寺 徹) 1999/7/28 12:00:00
- ・ お客様のOFFICEをコーディネートしませんか? (西中 基浩) 1999/7/28 12:00:00
- ・ 「知の共有と活用をすすめる環境の構築」をお客様に提供するために (藤井 大介) 1999/7/28 12:00:00
- ・ IT、SI企業に向けての基盤、体制づくり (山本 健司) 1999/7/28 12:00:00
- ・ IT産業に勝ち抜くための営業スタイルの革新 (須山 彰一) 1999/7/28 12:00:00
- ・ お客様からみたFY窓口のIT・サービス (吉田 和生) 1999/7/28 12:00:00

Collaboration Space

Case 2: Fuji Xerox Virtual Hollywood Program



- Virtual Hollywood has been consistently challenging to achieve innovation through interaction beyond boundaries.
- This year, we are challenging the interaction even beyond corporation.

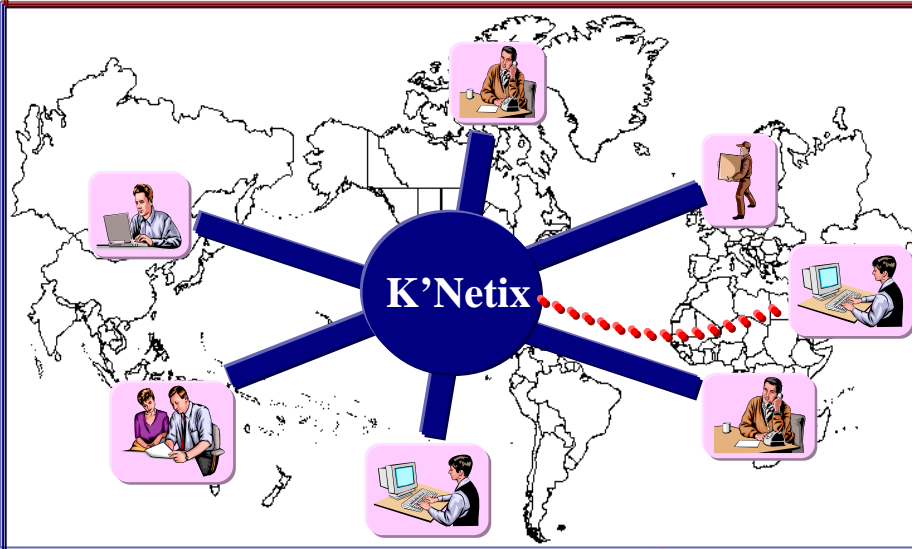
Case 3: Buckman Laboratories

“Change from product-oriented to customer-oriented company”
Robert Buckman chairman (1978)

Selling knowledge instead of product
Become a solution offering company instead of product offering company

K'Netix

A communication environment which links researchers in main office with sales person located all over the world or among sales person



Entire company works totally as a “brain”
Practice the system and culture that provide customer value by connecting people

Index for measuring effects

- The sales ratio of new products (over 50%)
- Increase the ratio of employees working with customer directly
- Shorten the response time to customer from few days to few hours.

Top's Humorous involvement

‘Dear associate,
You haven’t been sharing knowledge,
how can we help you?
All the best
Bob’
A mail to those who are not using KN’etix

Tech forum
The virtual community for specific customers in each field

Facilitator
A full-time person to support teaming and dialogue beyond division

Section leader
Answer the questions from communities as a field expert

Case 4: Northrop Grumman

Retain, Utilize and Create Knowledge to Activate and Innovate

.Due to defense spending reduction, thousands of employees were laid off
“Retaining knowledge” became the most urgent and important issue

- Utilize IT thoroughly but recognize the importance of tacit knowledge
- KM approach based on the concept of connecting people
- Take initiative of the worksite to complete system by trial and error

Cross-team Expertise Exchange

“Discipline Manager”

Make cross-communities for each special field and select the expert as the leader. The leader has authority to set skill-set or learning program

“Job Rotation of Chief Engineer”

‘Ba’ for Connecting People

“Workplace Designed for Informal Dialogue”

Clarify workstyle of others and triple the space for informal dialogue

Corporate culture

-hope that the projects will success even if they have to leave the company

-desire to leave their name and contribution in the company’s legend

Co-creation with Customer

“Integrated Product Team”

Organize a product team which involves customers and partners in order to utilize their knowledge

Using IT to Connect People

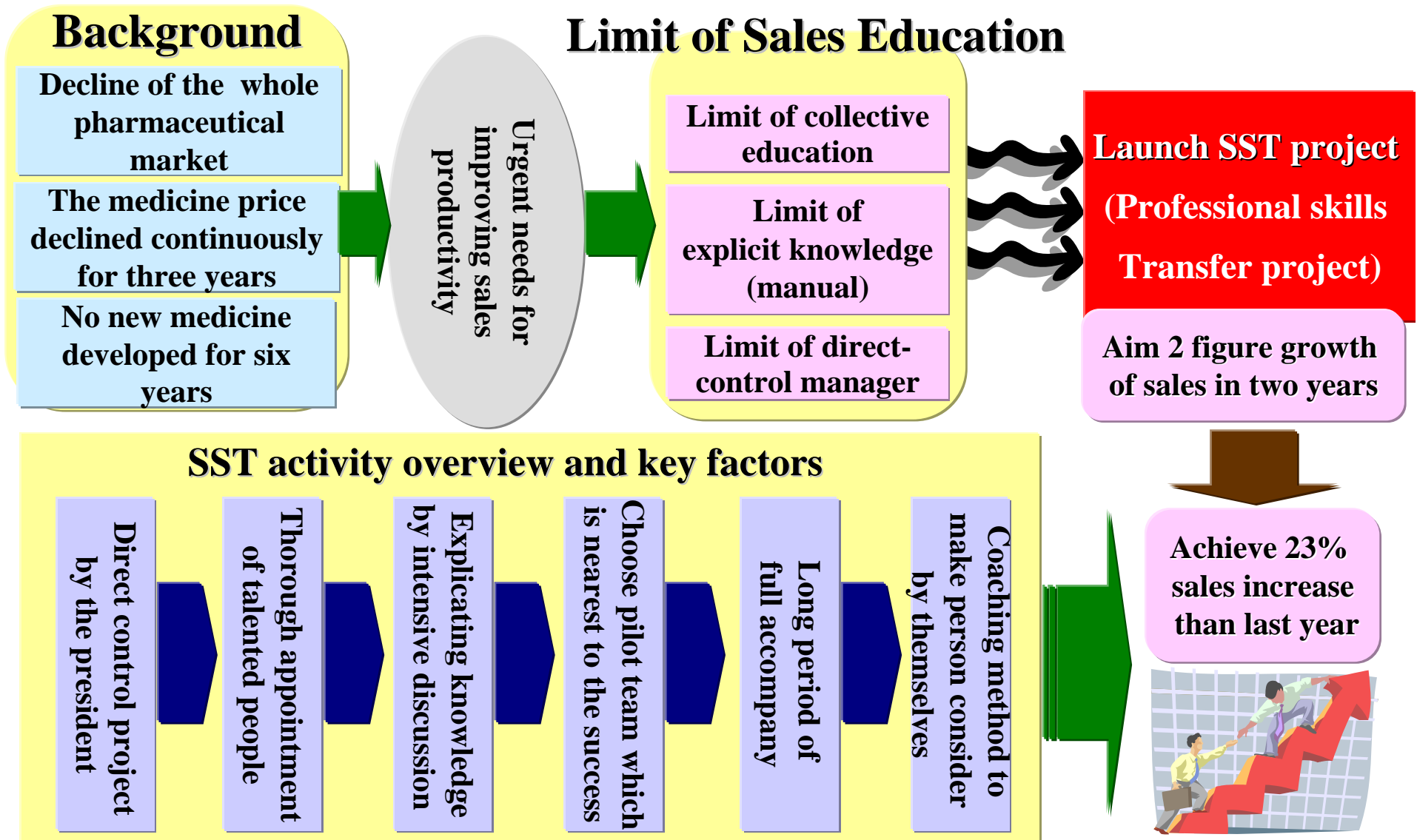
“Expertise Locator”

-locate people with particular expertise or find appropriate members for a new project

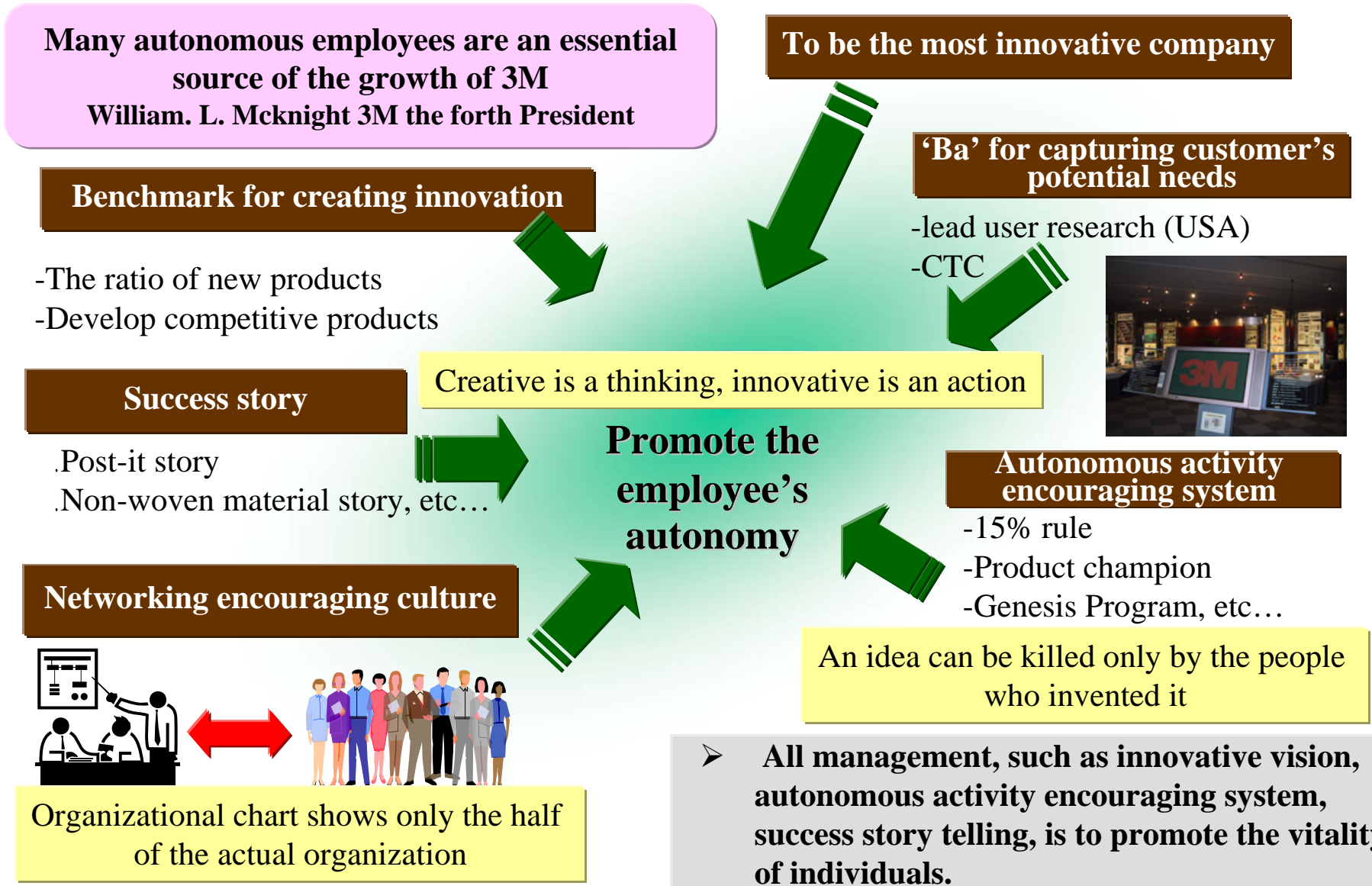
“Knowledge Capture”

-expertise is shared on the Internet
-engineers who will be retired also offer their knowledge actively

Case 5: Nippon Roche

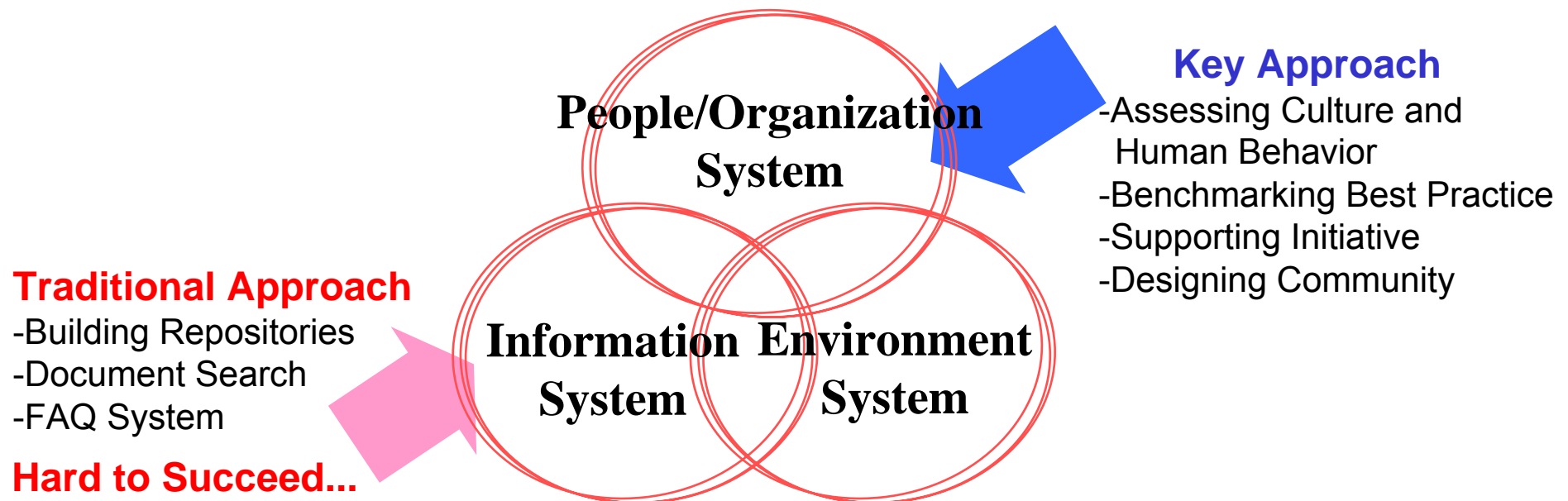


Case 6: Sumitomo 3M



Lessons Learned from Best Practices

1. **Responsible Engagement of Senior Executive and Guerrilla Activity of Knowledge Leaders**
(Appearance of New Role: “Knowledge Broker” “Evangelist”)
2. **Building “Communities of Practice” that connect people and Supporting Environment of Human Behavior.**
(We should not start KM from IT. IT is just one of the enablers.)
3. **Clarifying the relationship between KM and Business Strategy.**
(Enabling Change of Employees’ Mind and Behavior by Getting Understanding to “What for.”)



In Other Words, KM is...

- Carla O'Dell (APQC President)
@KM Conference: "What's Now and What's Next"



"Managing Knowledge is Labor Intensive."

"For Successful KM, Dedicated People who Steward KM should be Needed."

- **Knowledge Brokers**
- **Knowledge Stewards**
- **Knowledge Researchers**

KM is not "Collecting Data," but Connecting People."

Finally, we found we can't manage knowledge...

But we can...

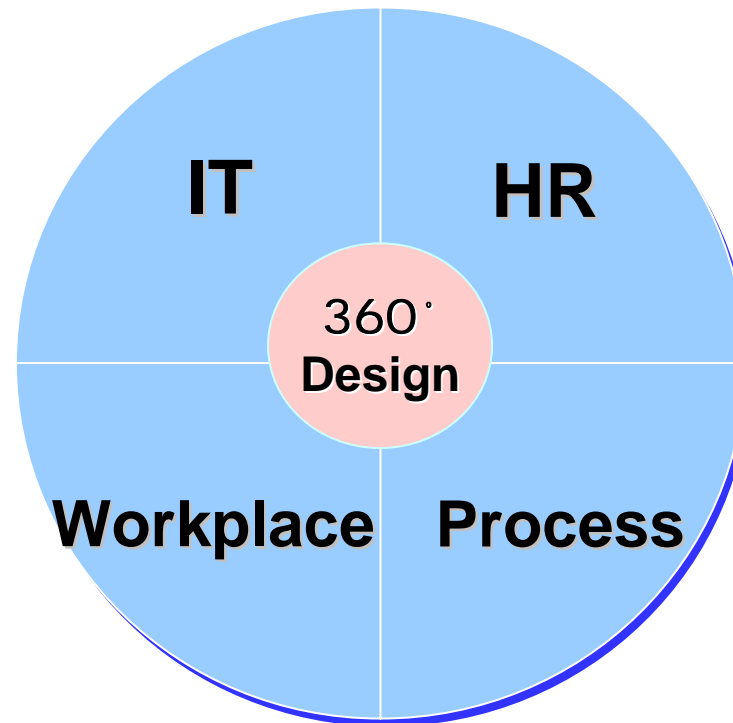
...Manage information and content – the "stuff" of explicit knowledge

...Create an environment and processes where tacit knowledge and experience can be created and shared

...You can't manage people, either.

Perspective for KM Environment Design

Synthetic 360. Design



Designing Work Environment enabling Networking of People who need knowledge and who has knowledge.

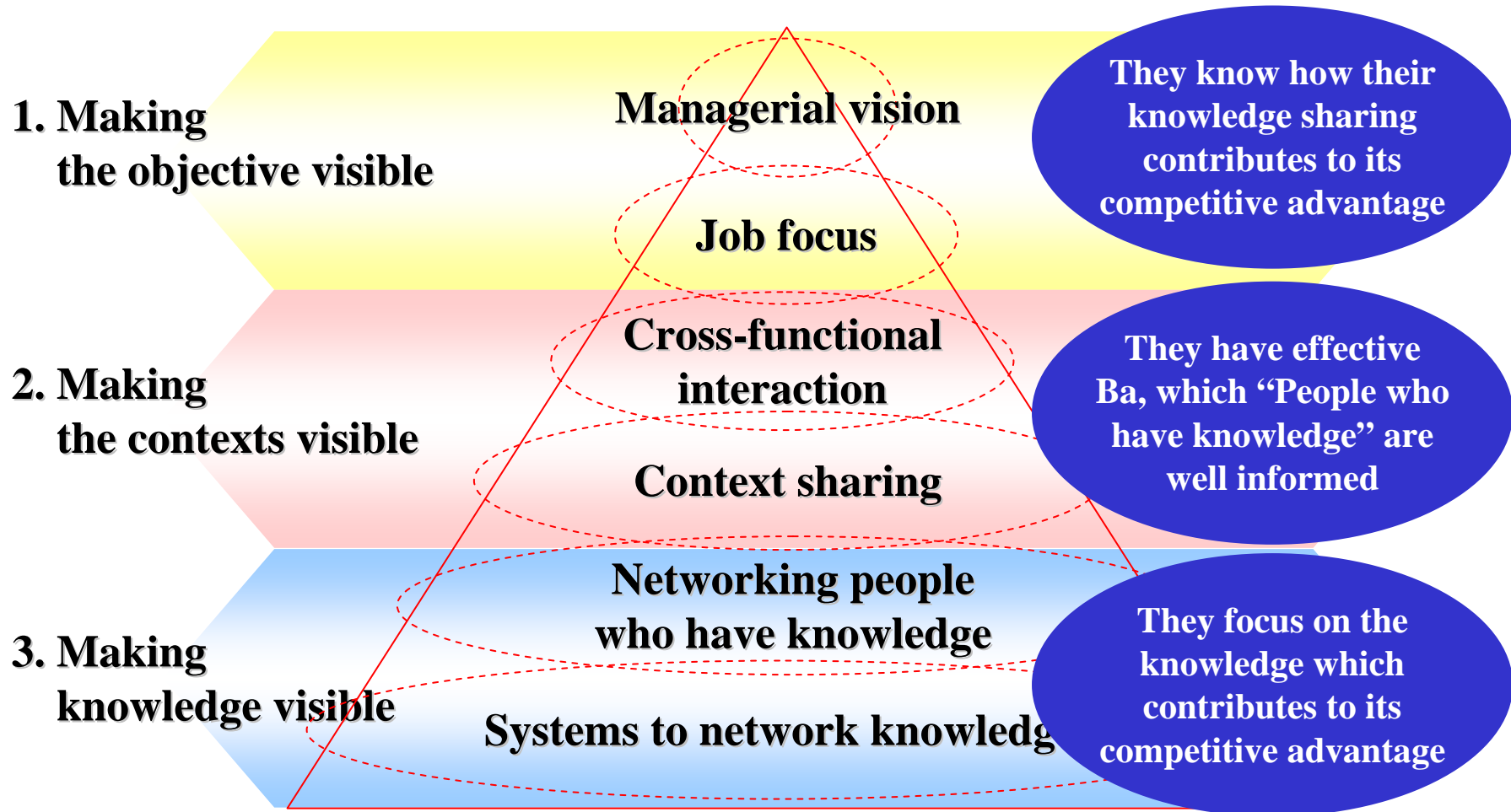
Overview of Implementation of KM

Perspective for KM Environment Design

- Best Practice Companies of KM share the following characteristics:
 - The objectives of utilizing knowledge have been made visible.
 - ✓ **KM efforts of each company have directly contributed to its competitive advantage.**
 - ✓ **The importance of the organizational utilization of knowledge has been widely recognized in each company.**
 - The locations of important knowledge have been made visible.
 - ✓ **Each company has focused on the knowledge which contributes to its competitive advantage, and has converted it into explicit knowledge.**
 - ✓ **On the other hand, each company is more interested in "people who have knowledge" than "knowledge itself."**
 - The contexts of the job of each person have been made visible.
 - ✓ **Since there are effective "ba" in each company, "people who have knowledge" are well informed about the contexts (background information) of how they can collaborate with each other.**
- As a result, each company has developed a culture in which cross-functional interaction and knowledge sharing are "common and even customary."

3 Important Elements in KM to be Visible

- Companies which have successfully implemented KM have made the three important elements in KM (objective, contexts and knowledge) visible.

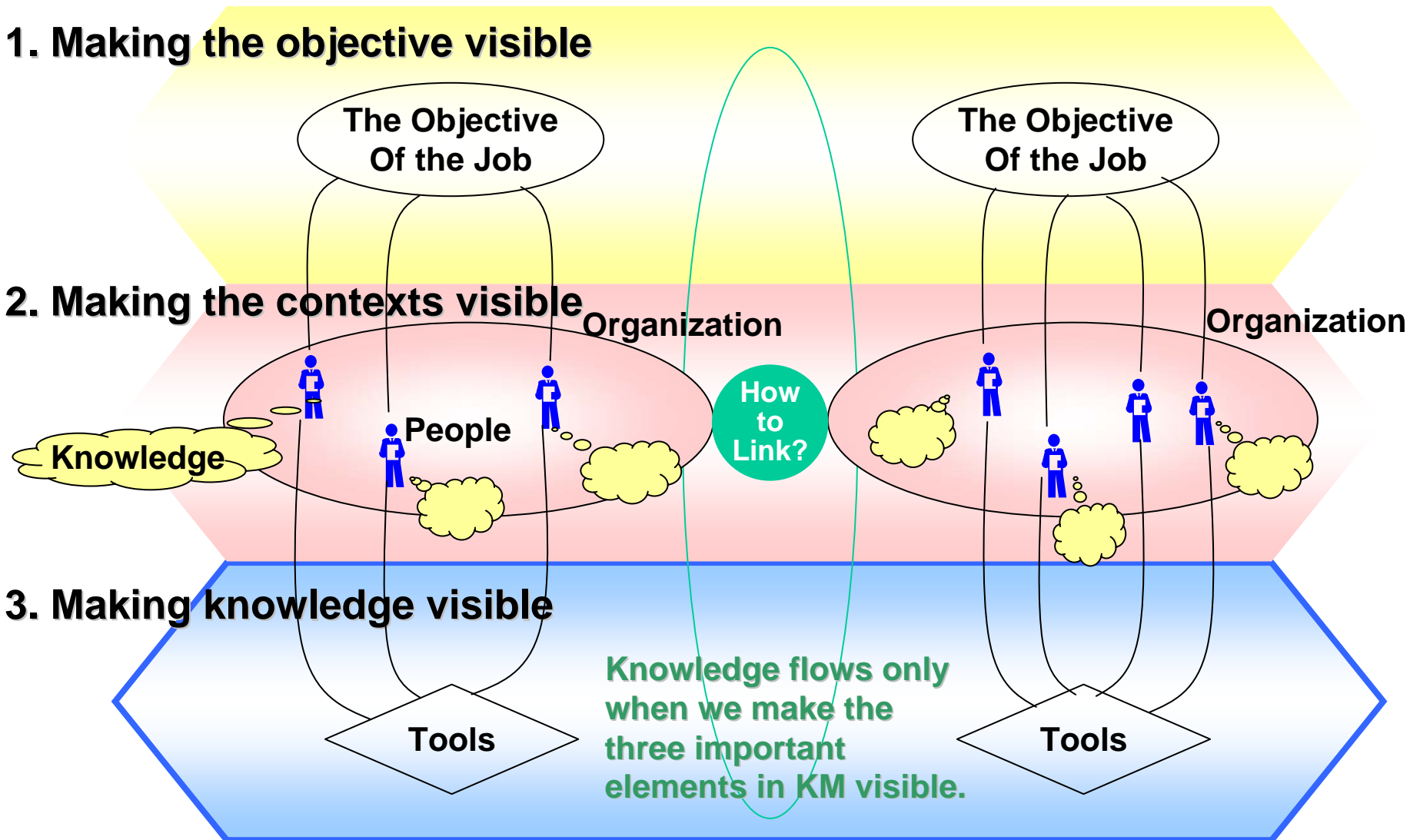


Why "IT-based KM" usually fails?

1. Making the objective visible

2. Making the contexts visible

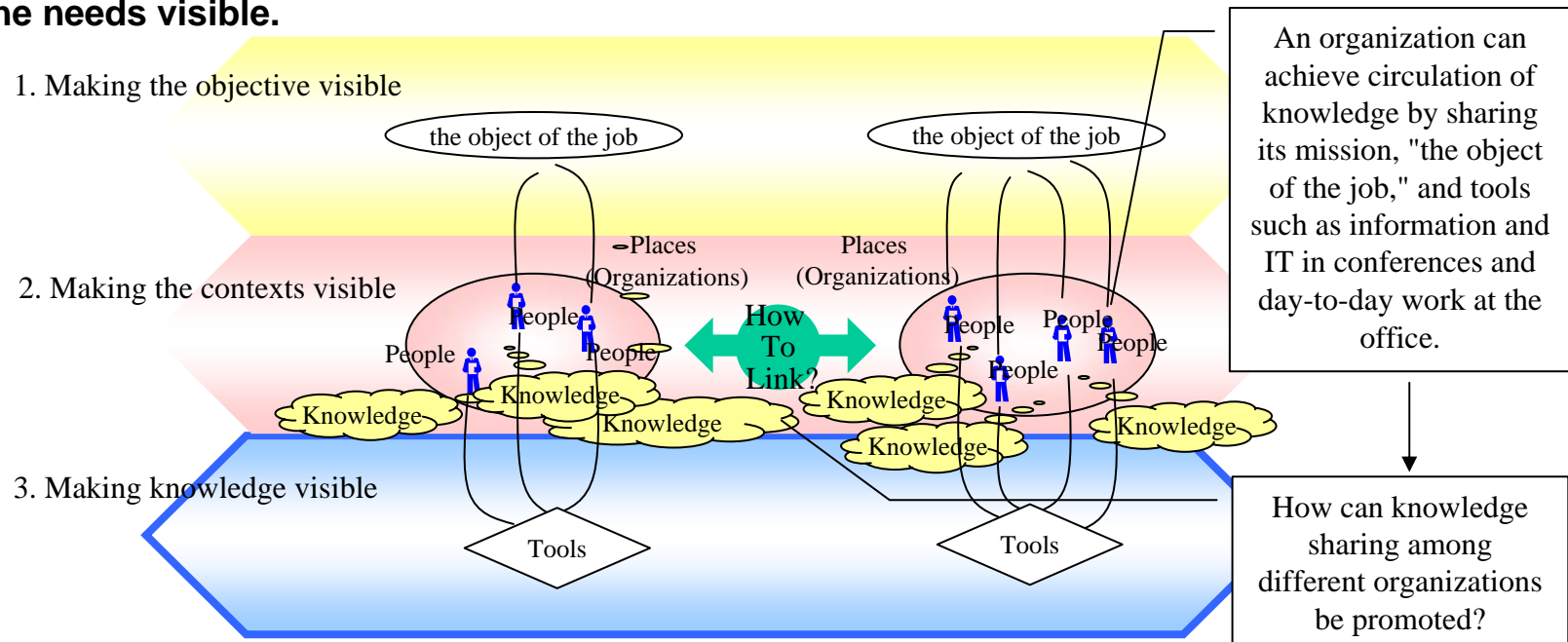
3. Making knowledge visible



Why "IT-based KM" usually fails? (Continued)

If the organization pursues KM in a narrower sense with the objective to acquire, store and utilize knowledge organizationally, it is very likely to take an approach focusing only on "making knowledge visible," and thus end in failure.

- If you start from "making knowledge visible," you will not be able to motivate the members of your organization to share knowledge.
- You need to "make the objective visible." In other words, you need to set forth a specific objective, such as "the development of a new product to meet customer needs," and attach a significance to collaboration between the sales/service division and the R&D division.
- In addition, you need to facilitate voluntary circulation of knowledge in the organization by "making the contexts visible," or making what each person has to do and what knowledge he/she needs visible.



Three Types of KM Strategy



KM for Problem-Solving

KM for solving problems by tapping into the knowledge of many people

- **A clear vision**
- **"Ba" for sharing problems**
- **Just-in-time knowledge**
- **Examples: Buckman Lab., Northrop Grumman, FX "Ask-Anything" Center**



KM for Emergence



KM for Professionals

KM for improving competitiveness by constantly enhancing individual ability

- **Making knowledge assets visible and developing a methodology out of them.**
- **Examples: Nippon Roche**

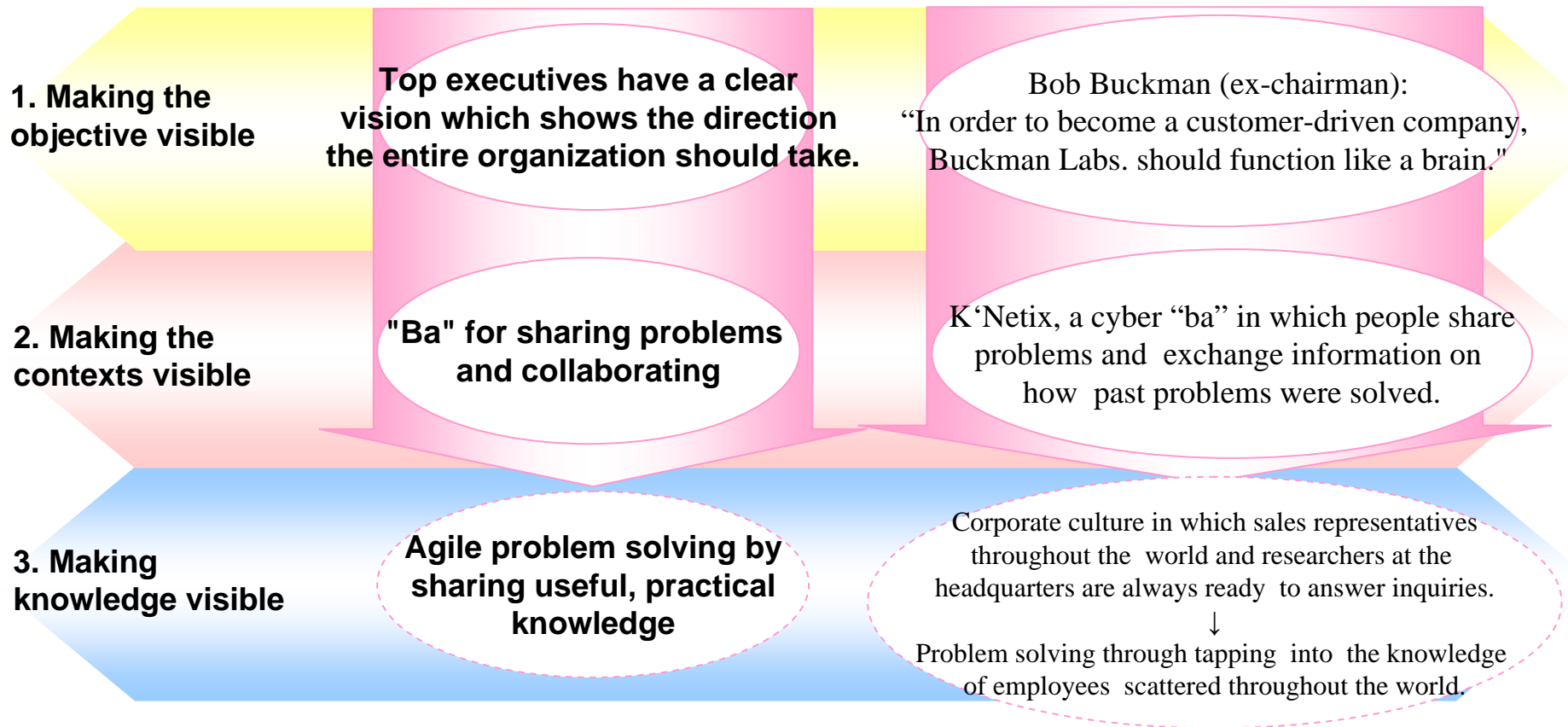
KM for pursuing innovations by utilizing the knowledge of customers and employees

- **Chemistry between people from different fields.**
- **Examples: Sumitomo 3M, FX "Virtual Hollywood"**

KM Strategy 1: KM for Problem-Solving

- KM for solving problems by tapping into the knowledge of many people
 - There is a clear vision which shows the direction the entire organization should take.
 - "Ba" for putting the vision into tangible forms is essential. "Just-in-time Knowledge (the right knowledge for the right man)" is realized on the sharing of problems by the entire organization.

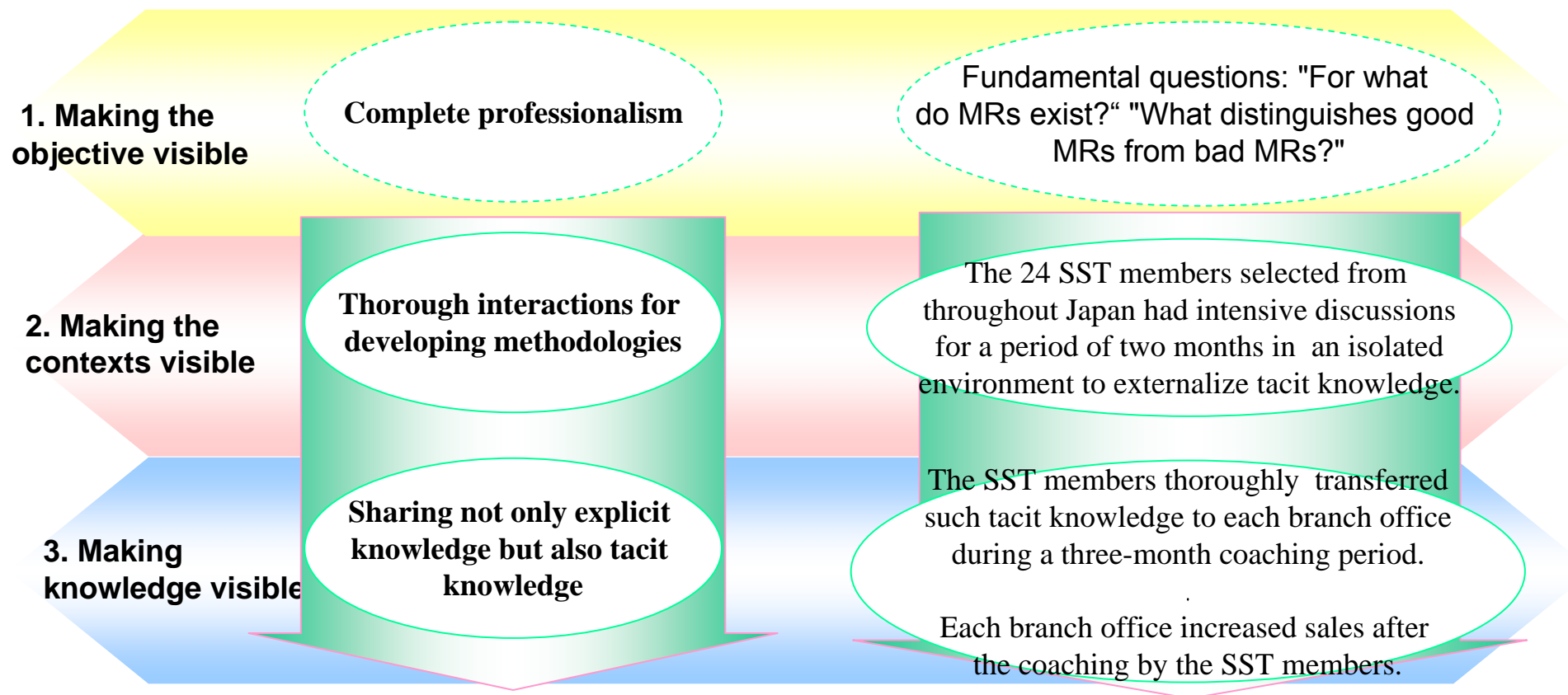
Buckman Lab.



KM Strategy 2: KM for Professionals

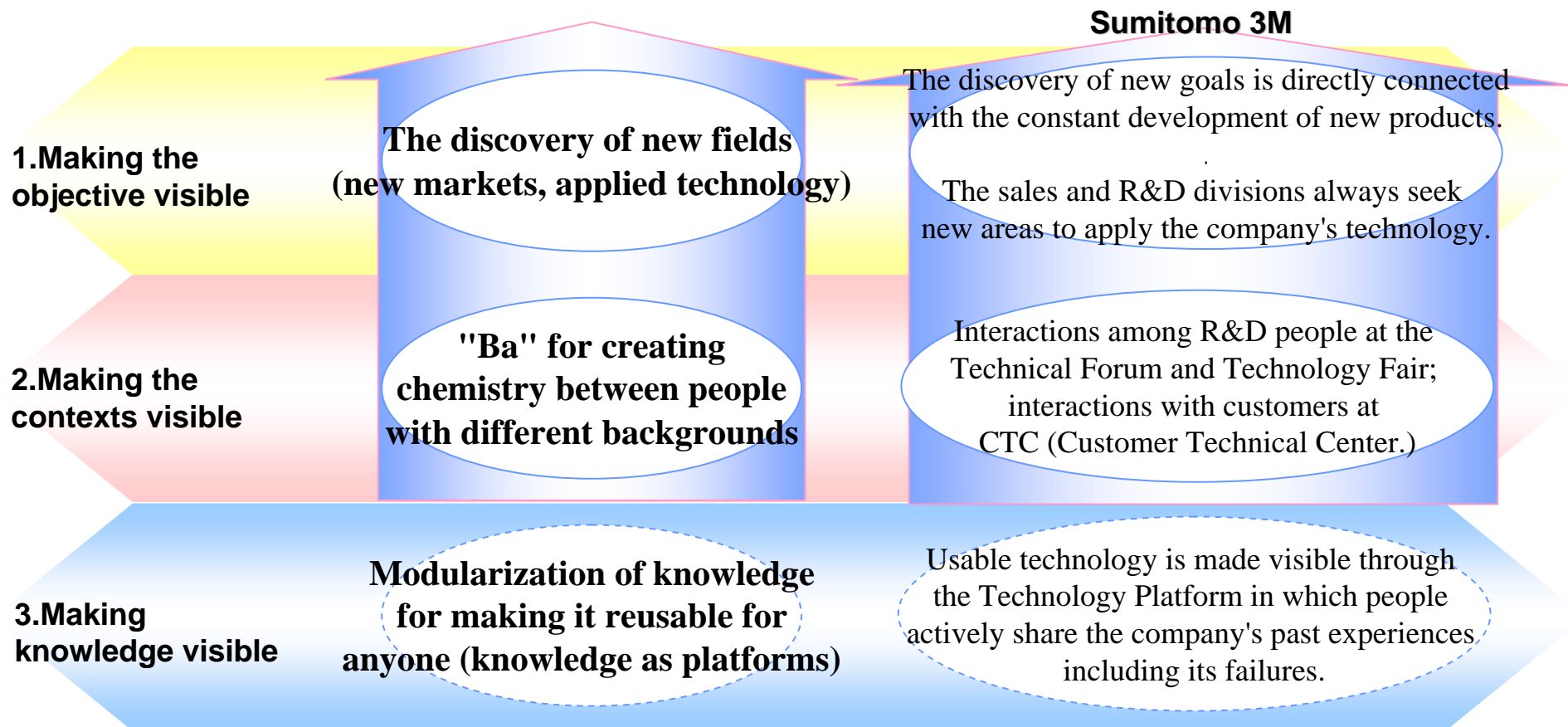
- KM for improving competitiveness by constantly enhancing individual ability
 - Organizational learning is realized by making knowledge assets visible and developing them into a methodology.
 - It involves not only the sharing of externalized knowledge and methodologies but also the sharing of quality tacit knowledge through direct interactions with people possessing knowledge.

Nippon Roche



KM Type 3: KM for Emergence

- KM for pursuing innovations by dynamically combining the knowledge of customers and employees
 - The source of innovations lies in interactions between people from different fields and the discoveries of new goals common to them. (Top executives talk about the importance of activities other than day-to-day tasks.)



Implications of the KM Strategy

- **Criteria for selecting the most appropriate KM Strategy**

In order to implement KM successfully, you need to choose the most appropriate KM approach for your organization in accordance with the organization's knowledge capability which directly affects its sales.

- **KM for Problem-Solving should be chosen when:**

- Speed in solving problems is of primary importance.
- The performance of the team is more important than individual abilities.
- Momentary knowledge which easily becomes obsolescent is always necessary.

- **KM for Professionals should be chosen when:**

- The improvement of employees' abilities directly affects the company's turnover.
- Important knowledge can be used over the long term.
- Models for employees can be described.

- **KM for Emergence should be chosen when:**

- The company is innovation-oriented.
- The company desires to develop new products and services by utilizing customer knowledge.

Thank you!