



The Canadian Forces Lessons Learned Knowledge Warehouse (CFLLLKW)

An Organizational
Challenge to Share
Knowledge

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Major Joe Costello



Agenda

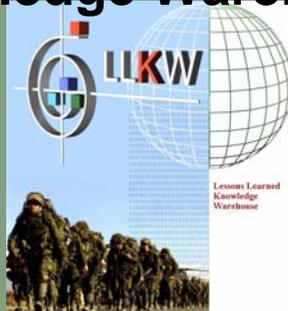
- Introduction
- KMS Purpose and Objectives
- Three perspectives
 - Organization, Process and Objects and Systems
- Main Functionalities changes from the Army Lessons Learned to the Canadian Forces LL
- Conclusion

KM projects within the Canadian Forces

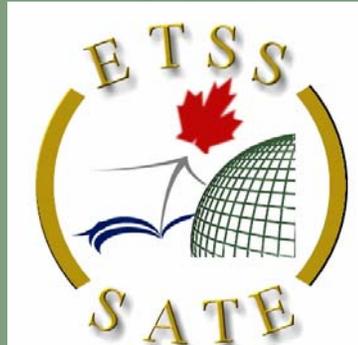
2003

ALLKW

Army Lessons Learned
Knowledge Warehouse



2004



Electronic Task
Support System
Framework

2006

CFLLLKW

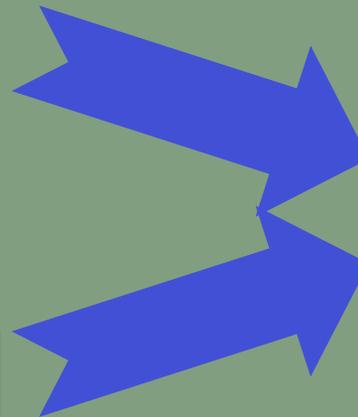
Canadian Forces Lessons Learned
Knowledge Warehouse



2005

Doctrine Task Support

Tactical Command
and Control Information
System (TacC2IS)



Recognition

Canadian Information Productivity Awards (CIPA) 2004

- Canadian IT Project of the Year
- Diamond Award of Excellence
- Efficiency and Operational Improvements Gold Award
- Efficiency and Operational Improvements Silver Award
- CIO of the Year Award

Octas 2004

- Winner – E-Learning and Knowledge Management category



KMS Purpose

- Assists the DND/CF to improve their Knowledge Management Process through several knowledge domains (e.g. Lessons Learned, Doctrine, LCSS);
- Improves management of knowledge;
- Allows feedback from DND/CF personnel on existing knowledge;
- Enables set-up of knowledge network (e.g. cross-references, search and navigation).

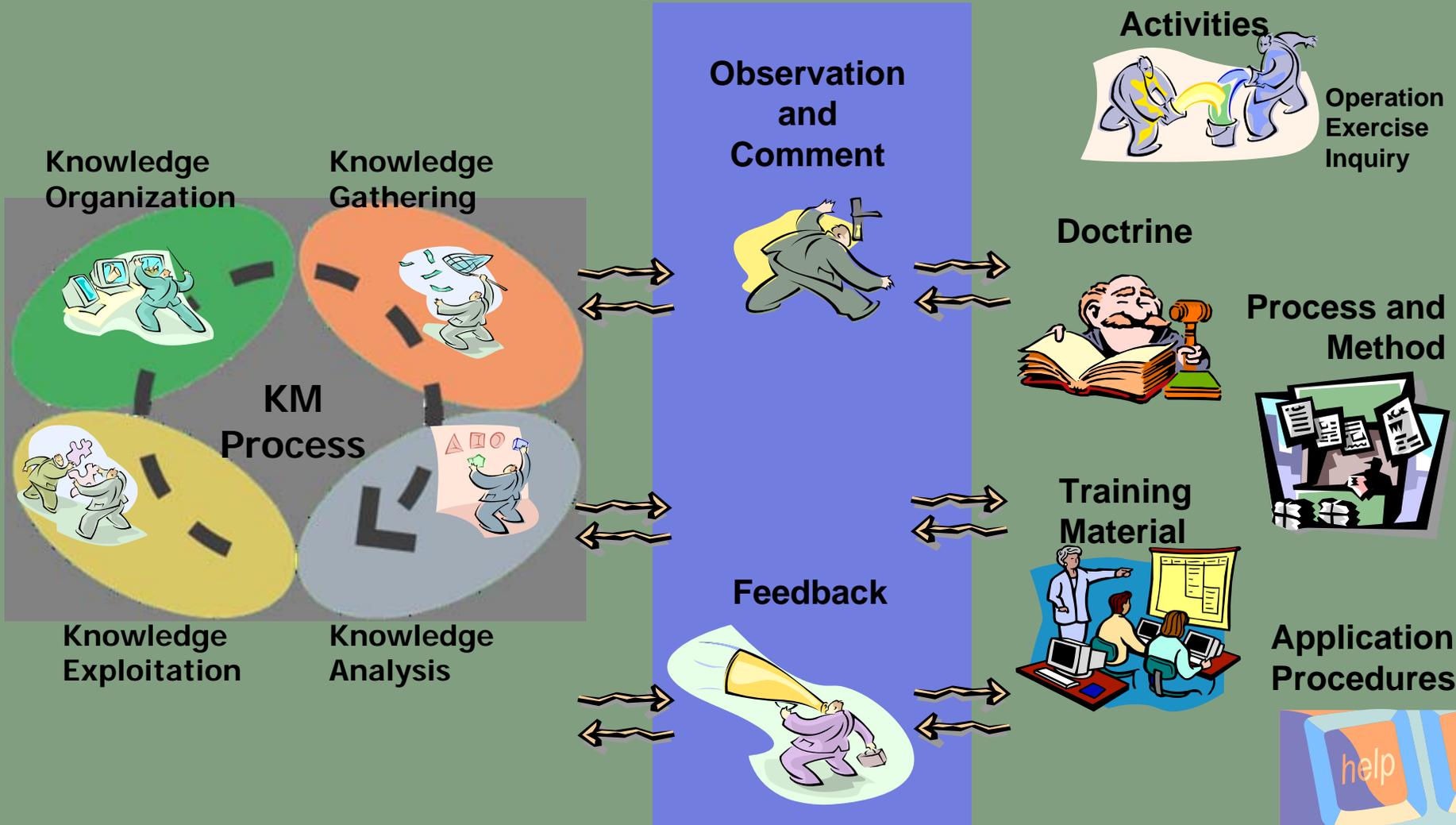
Organization Perspective

- Improve Business Performance and the overall capacity to capture, manage and exploit a body of knowledge in support of individuals, groups and organization in order to seek:
 - What a person knows;
 - What the others know;
 - What does the Organization know

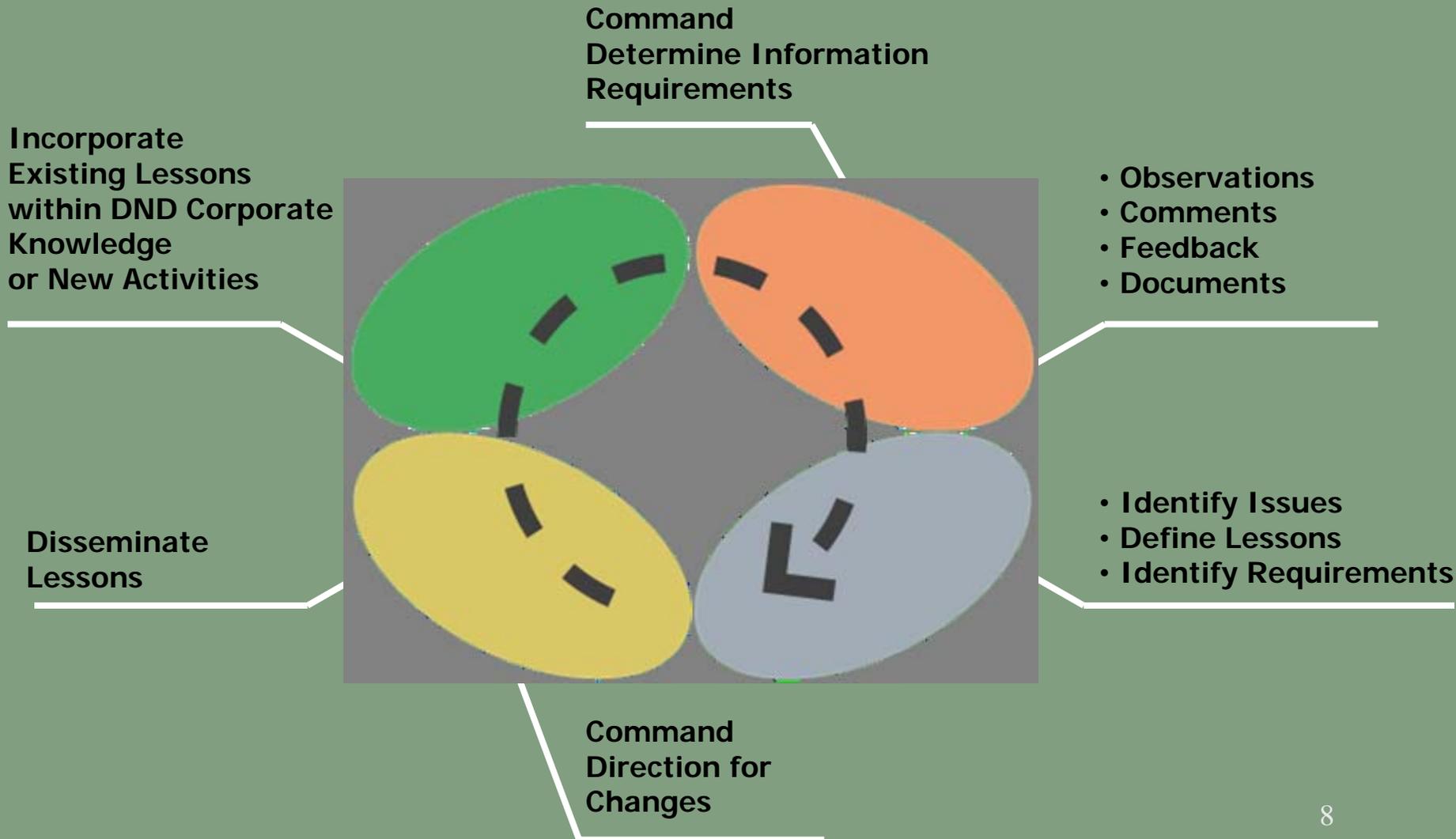
Process and Objects Perspective

Process

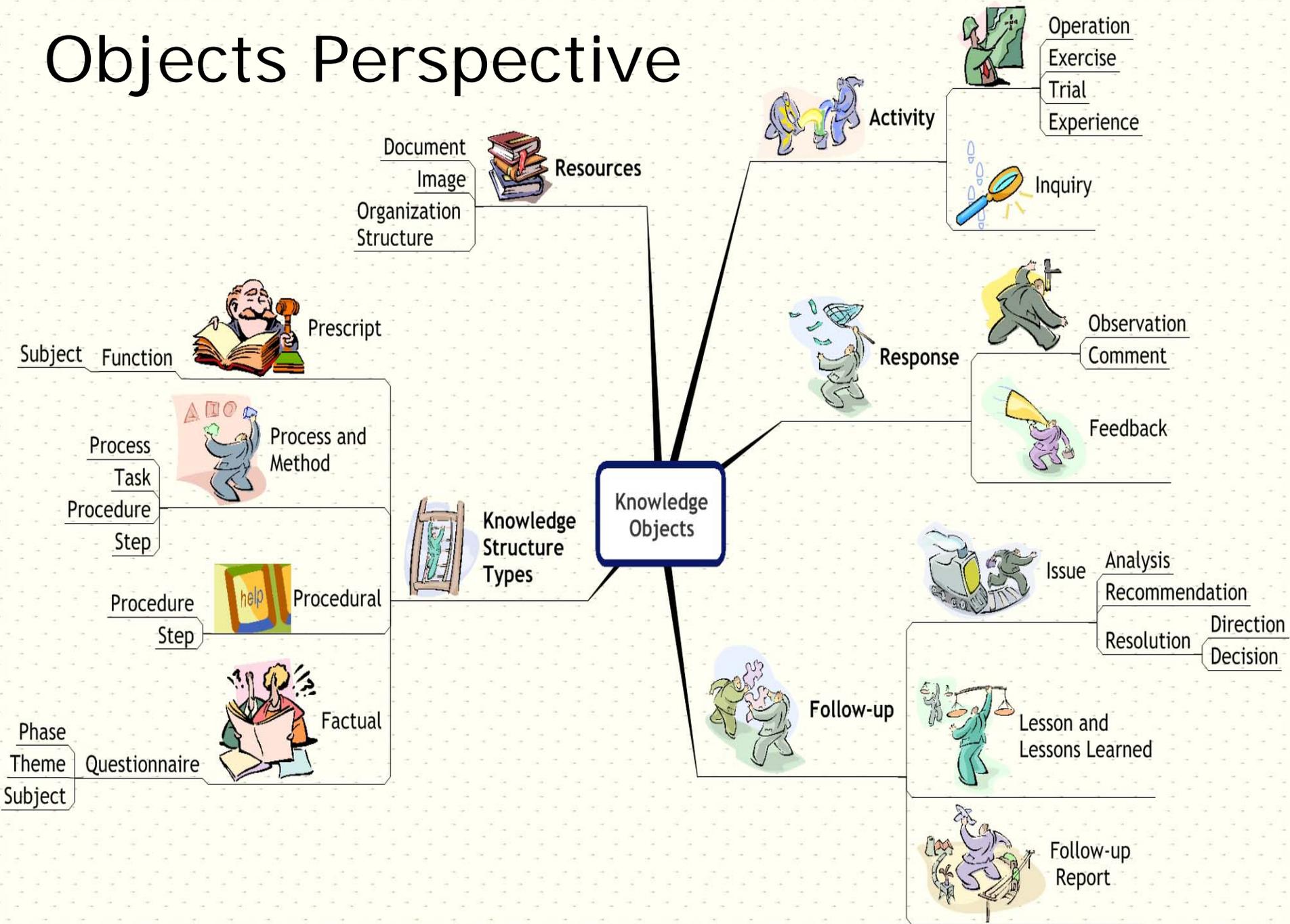
Knowledge Objects



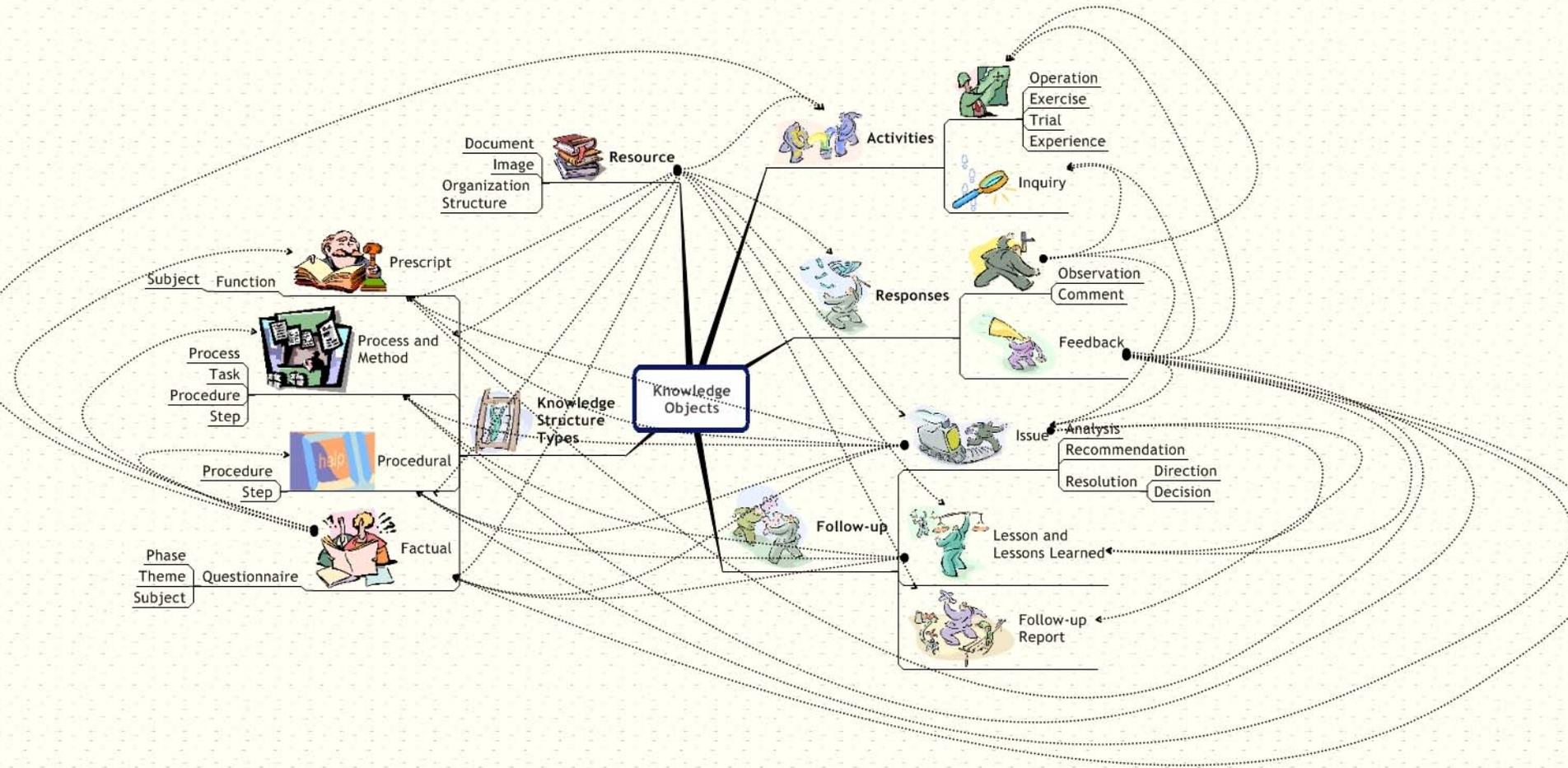
Process Perspective



Objects Perspective



Relationships between Knowledge Objects within the Knowledge Base



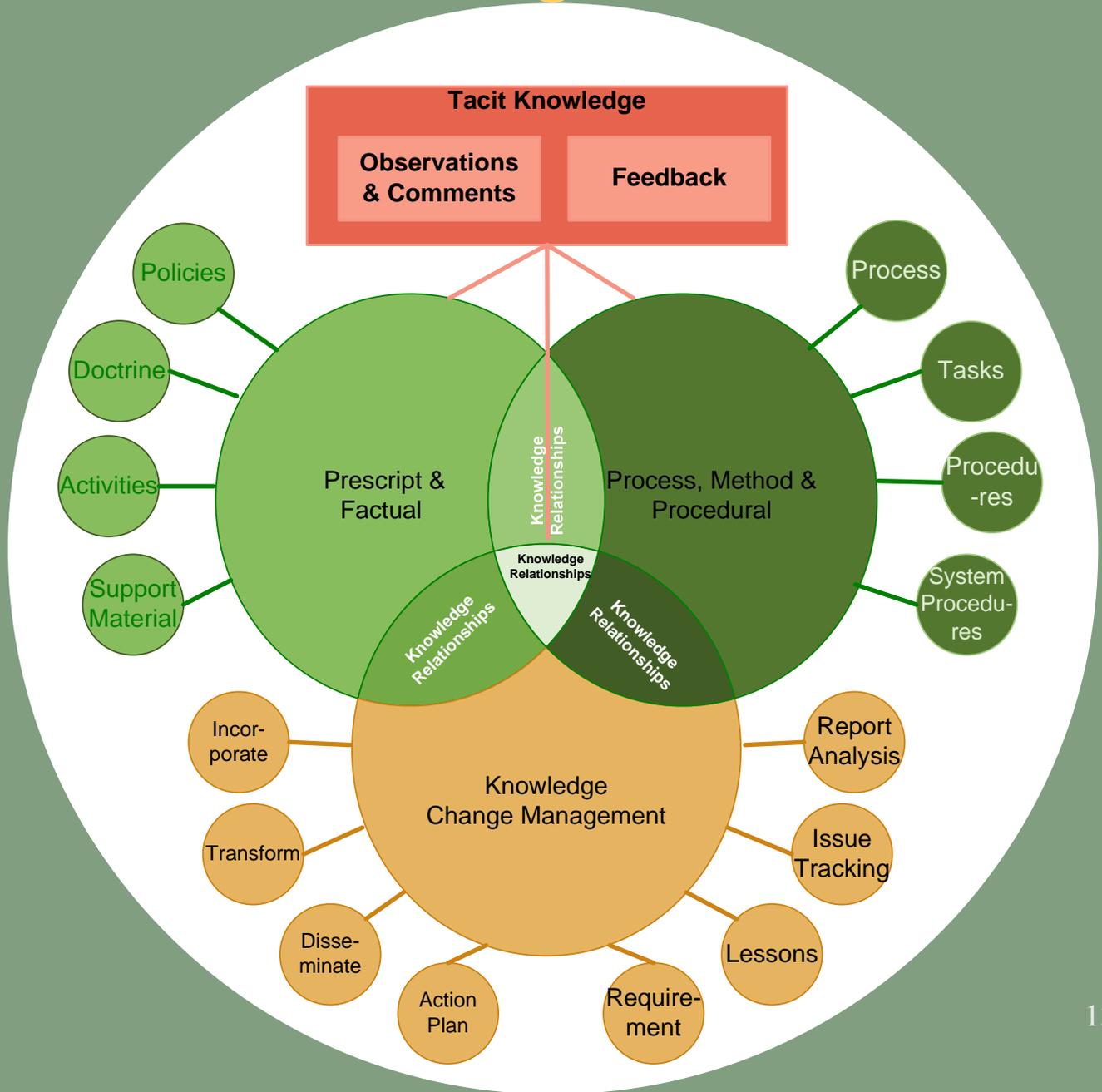
Systems perspectives

- KMS is a bilingual application that will provide the DND/CF with a tool to:
 - Structure and access their knowledge more efficiently;
 - Facilitate sharing with one or more groups;
 - Receive feedback from DND/CF personnel;
 - Raise issues and act upon them;
 - Identify requirements or lessons;
 - Cross-reference knowledge objects.
- KMS is a multi-workflow, multi-user, and multi-element (Air, Land, Sea, Joint) tool.

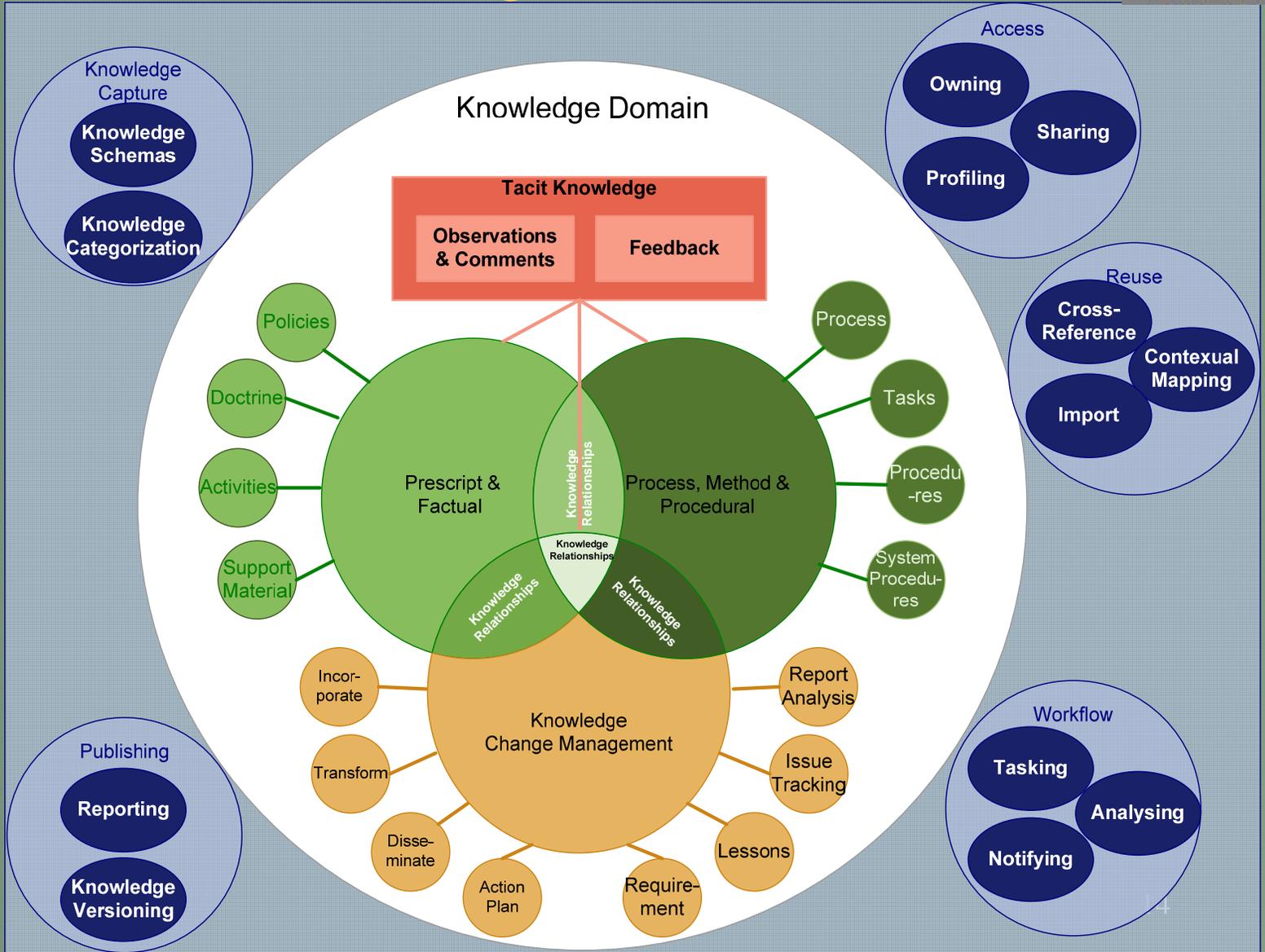
KMS Functionality Enhancement

- Knowledge Domain
- Two Main Workspace Interfaces
- Knowledge Ownership and Sharing
- Knowledge Analysis Support
- Knowledge Reuse Actions

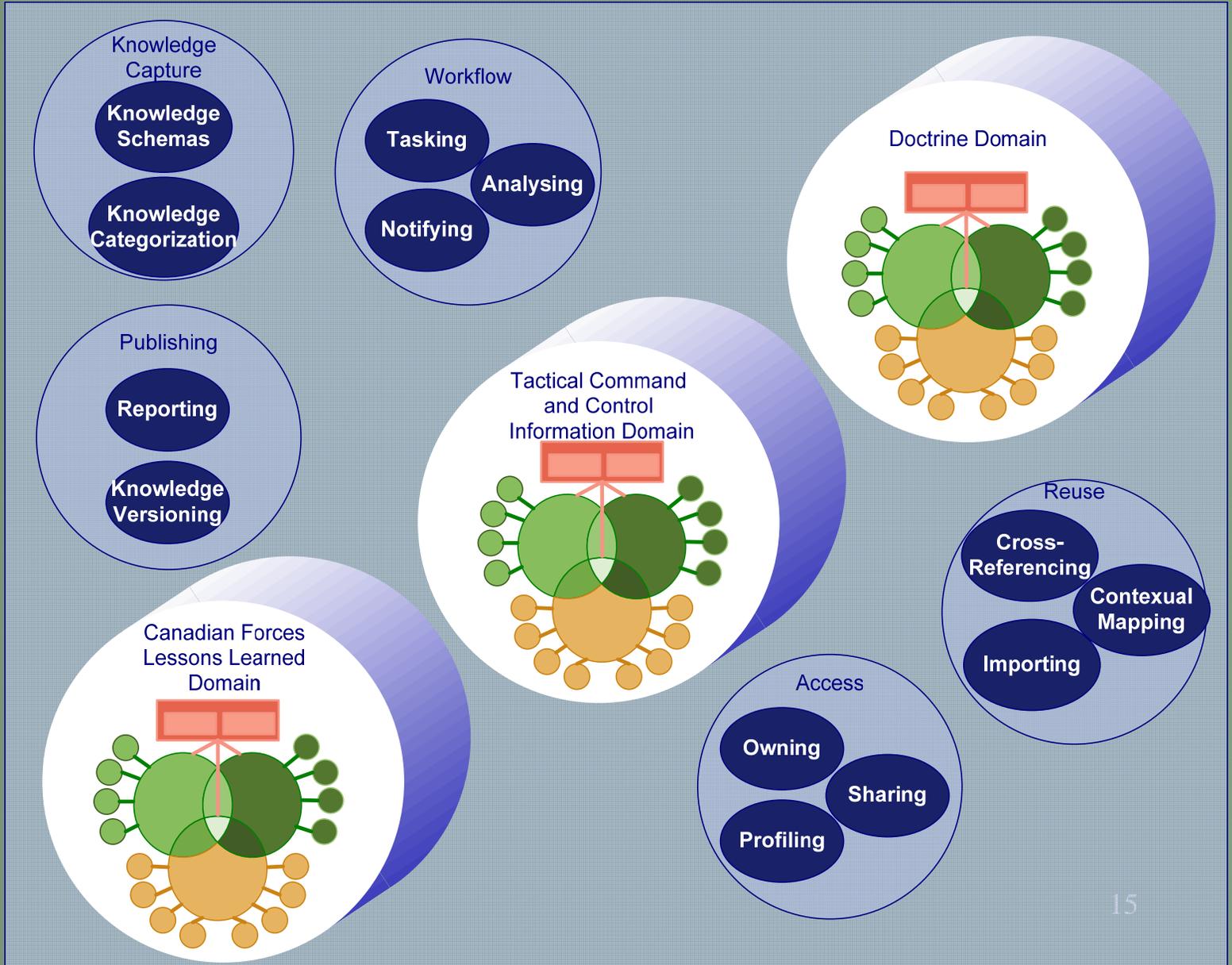
Knowledge Domain



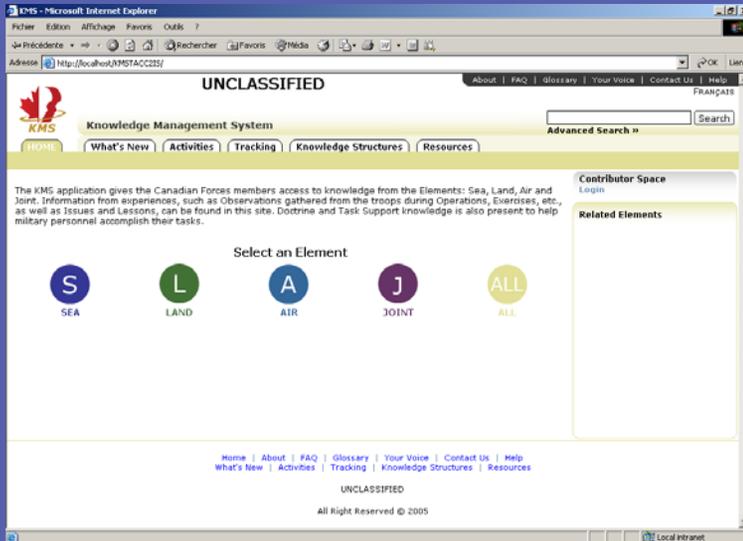
Knowledge Management System



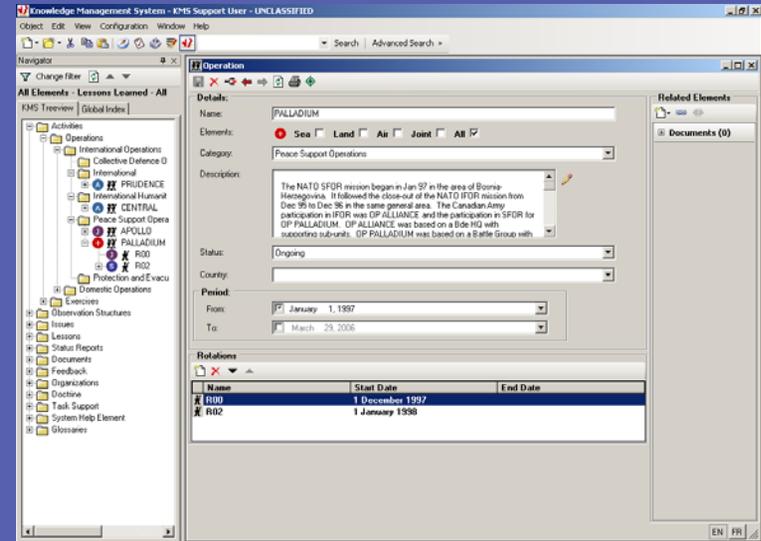
DND KMS



KMS Viewer Workspace (Web Browser)



KMS Authoring and Analysis Workspace (Windows Application)



Viewer



System Operator



Reporting Contributor



Analysts



Doctrine Author



Task Support TTPs, SOPs Author



Trainer



OPI



Training Author

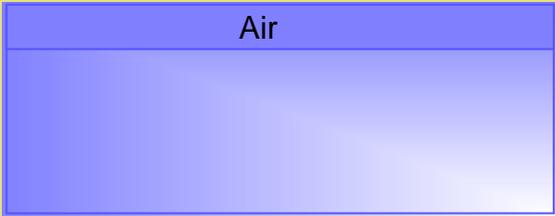


Application Help Author

KMS Viewer Workspace

+ Domain

- Sub Domain



Workspace



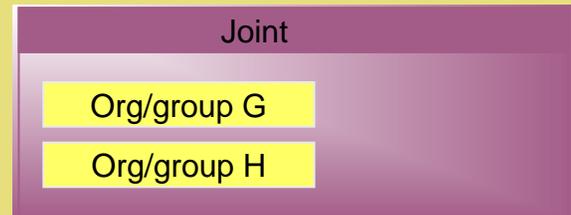
KMS Authoring and Analysis Workspace

+ Domain

- Sub Domain



Workspace



KMS Viewer Workspace (Web Browser)

The screenshot displays the KMS Viewer Workspace web browser interface. The page features a green header with the KMS logo (a red maple leaf) and the word "LAND" in large white letters. To the right of the logo, the word "UNCLASSIFIED" is displayed in white on a dark green background. Further right, there is a navigation menu with links for "About", "FAQ", "Your Voice", "Contact Us", and "Help". A search box with a "Search" button and a link to "Advanced Search" is also present. Below the header, there is a secondary navigation menu with tabs for "HOME", "What's New", "Activities", "Issues/Lessons", "Reports/Templates", "Doctrine/Task Support", and "Resources". A sub-menu under "Activities" includes "Operations", "Exercises", "Experiments and Trials", and "Others".

On the left side, there is a "Navigator" panel. It contains a "Display Objects Of:" section with radio buttons for "All Elements" and "Land" (selected). Below this is an "Objects ordered by:" section with a dropdown menu set to "Name" and an "OK" button. A list of objects follows, each with a small icon and a name: ABATEMENT, ALLIANCE, APOLLO, ARCHER - PRT, ARGONAUT, ASSISTANCE, ASSURANCE, ATHENA, BOLSTER, BOREAS, BRONZE, CANADA GAMES, CANOPY, and CAVALLIER.

The main content area is titled "Operations" and contains the text: "Objects in the Navigator are presented by Name. Intervention by CF personnel in real conditions either at an International or Domestic level. It can include one or several iterations of military staff called rotations." To the right of the main content area is a "Contributor Space" section with a "Login" link and a "Related Elements" section.

Red annotations highlight specific features: "Banner" points to the top header area; "Navigation Menus" points to the secondary navigation tabs; "Classifier" points to the "UNCLASSIFIED" label; "Login" points to the "Login" link in the Contributor Space; and "Navigator" points to the left-hand list of objects. A large red bracket at the bottom of the page encompasses the main content area and is labeled "Main Section".

KMS Authoring and Analysis Workspace (Windows Application)



Start-up layout

Menus

Toolbars

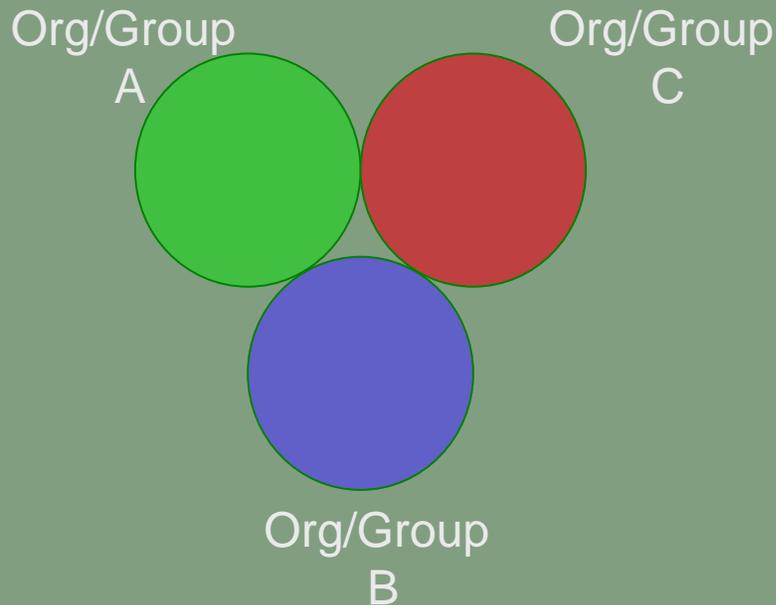
Navigator

Object Window

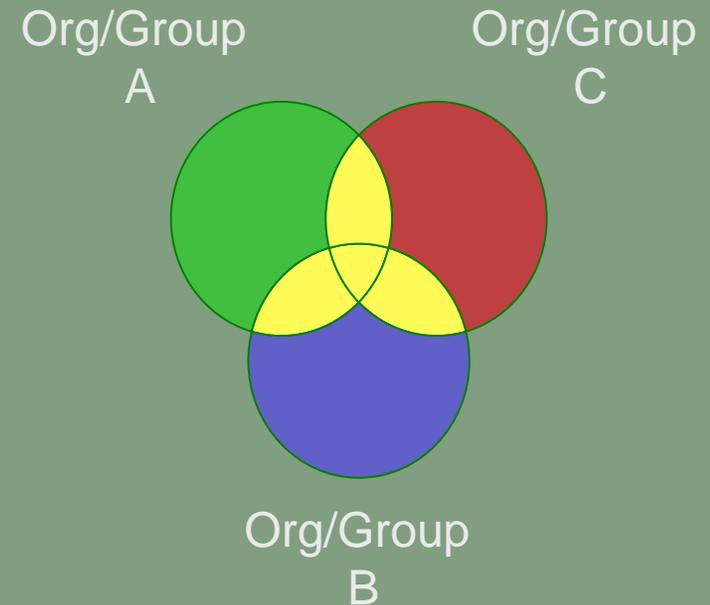
The screenshot displays the Knowledge Management System application window titled "Knowledge Management System - Mireille Perron - UNCLASSIFIED". The interface includes a menu bar (Object, Edit, View, Configuration, Window, Help), a toolbar with icons for search and advanced search, and a Navigator pane on the left. The Navigator pane shows a tree view of folders such as Activities, Report Structures, Issues, Lessons, Status Reports, Analysis Projects, Documents, Feedback, Organizations, Doctrine, Task Support, Systems Task Help, and Glossaries. The main workspace is divided into two panes. The top pane, titled "Operation", shows the details for an operation named "PALLADIUM". It includes fields for Name, Elements (Land), Category ((Intl.) Peace Support Operation), Description (The NATO SFOR mission began in Jan 97 in the area of Bosnia-Herzegovina...), Status (Ongoing), Region, Country (BOSNIA AND HERZEGOVINA), and Period (From: 1/1/1997). The bottom pane, titled "Related Elements", shows a list of documents related to the operation, including "5W CF Oper...", "Canadian Ar...", "Canadian F...", and multiple instances of "Op PALLADI...". The application window also features a Close button in the top right corner.

Knowledge Ownership and Sharing

Knowledge Ownership



Knowledge Sharing



Shared Issue Indicator

The screenshot shows a web browser window displaying the KMS (Knowledge Management System) interface. The page is titled "UNCLASSIFIED" and "JOINT". The navigation menu includes "HOME", "What's New", "Activities", "Issues/Lessons", "Reports/Templates", "Doctrine/Task Support", and "Resources". The breadcrumb trail indicates the current location: "You are here : ... > Issues/Lessons > Issues > Strategic > 2006 - 0003 - Commun issue between Element".

The main content area displays the details for the issue "2006 - 0003 - Commun issue between Element (Issue)". The issue is categorized as "Strategic" and "Lessons Learned". The description states: "This is an issue that may be shared by more than one element". The status is "Open", published on "28 August 2006", and the organization is "NDHQ".

A blue arrow points from the "2006 - 0003 - Commun issue between Element" entry in the left sidebar to the main content area. Another blue arrow points from the "This object belongs to another Element." message to the "2006 - 0003 - Commun issue between Element (Issue)" title.

The right sidebar contains a "Contributor Space Login" section and a "Related Elements" section with sub-sections for "Issues", "Lessons", and "Documents".

Issue Shared with other Elements or Organizations
May be reused to support

Knowledge Analysis Support

• Activity Reporting History

UNCLASSIFIED

About | FAQ | Your Voice | Contact Us | Help
FRANÇAIS

LAND

Advanced Search »

HOME | What's New | **Activities** | Issues/Lessons | Reports/Templates | Doctrine/Task Support | Resources

Report Structures

Display Objects Of:
 All Elements
 Land

Objects ordered by:
Category

Category

- [Domestic Operations](#)
- [International Exercises](#)
- [International Operations](#)
- [Domestic Exercises](#)

You are here : ... > [Reports/Templates](#) > Report Structures

Report Structures

Objects in the Navigator are presented by Category.

Predefined ways organized hierarchically to resemble a questionnaire in order to characterize the information gathered. It contains the structures (Phases, Subjects, Questions) that will be used to gather military personnel's input reporting from activities and the structures that have already been used containing the observations and comments from military personnel.

Contributor Space
[Login](#)

Related Elements

Select International Operations Reporting Structure

Home | About | [FAQ](#) | [Your Voice](#) | [Contact Us](#) | [Help](#)
[What's New](#) | [Activities](#) | [Issues/Lessons](#) | [Reports/Templates](#) | [Doctrine/Task Support](#) | [Resources](#)

UNCLASSIFIED

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Knowledge Analysis Support

- Activity Reporting History

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Advanced Search »

[HOME](#) | [What's New](#) | [Activities](#) | [Issues/Lessons](#) | [Reports/Templates](#) | [Doctrine/Task Support](#) | [Resources](#)

Report Structures

Display Objects Of:

- All Elements
- Land

Objects ordered by:

No Selection Avail

 **2001**

- 1 - Warning
- 2 - Mounting
- 3 - Deployment
- 4 - Employment
- 5 - Redeployment

You are here : ... > [Reports/Templates](#) > [Report Structures](#) > [International Operations](#) > 2001

2001 (Structure)

Elements:  Land

Category: International Operations

Domain: Lessons Learned

Schema: Phase/Subject/Question Questionnaire

Status: Sealed

Published On: 21 September 2005

Description:

Historical Section

Previous Version:
[1999 intl](#)

Next Version:

Phases

Name	Description
<input checked="" type="checkbox"/> 1 - Warning	
<input type="checkbox"/> 2 - Mounting	
<input type="checkbox"/> 3 - Deployment	
<input type="checkbox"/> 4 - Employment	
<input type="checkbox"/> 5 - Redeployment	

Contributor Space
[Login](#)

Related Elements

Activities

-   APOLLO > R00 PH 1-3
-   APOLLO > R00 PH 4-5(1)
-   ARCHER - PRT > OP ARCHER PRT Roto 0 PH 1-3
-   ATHENA > R00 PH 1-3
-   ATHENA > R00 PH 4-5
-   ATHENA > RO1 PH 1-3
-   ATHENA > RO1 PH 4-5
-   ATHENA > RO2 PH 1-3
-   ATHENA > RO2 PH 4-5
-   ATHENA > RO3 PH 1-3
-   ATHENA > RO3 PH 4-5
-   ATHENA > RO4 PH 1-3
-   ATHENA > RO4 PH 4-5
-   BOLSTER > Op BOLSTER RO 4
-   BOREAS > Op BOREAS Roto 0
-   BRONZE > RO 0 PH 4-5
-   BRONZE > RO 0 PH 1-3(1)
-   ECLIPSE > R00(1)
-   FORAGE > RO 00
-   HALO > RO0 PH 1-3
-   HALO > RO0 PH 4-5
-   IRIS > RO0 PH 1-2
-   Op IRAQI FREEDOM (US) > Op IRAQI FREEDOM R00
-   Op UNISON > Roto 0
-   PALLADIUM > R08
-   PALLADIUM > R09
-   PALLADIUM > RO10
-   PALLADIUM > RO11
-   PALLADIUM > RO12 PH 1-3
-   PALLADIUM > RO12 PH 4-5
-   PALLADIUM > RO13 PH 1-3

Select Phase Warning

Knowledge Analysis Support

- Activity Reporting History

UNCLASSIFIED

LAND

HOME | What's New | Activities | Issues/Lessons | Reports/Templates | Doctrine/Task Support | Resources

Display Objects Of:
 All Elements
 Land

Objects ordered by:
No Selection Available [OK]

1 - Warning
 Misc
 Battle Procedure
 Personnel

You are here : ... > Reports/Templates > Report Structures > International Operations > 2001 > 1 - Warning

1 - Warning (Phase)

Description:

Questions

Name	Description
<input checked="" type="radio"/> ? Misc	

Subjects

Name	Description
<input type="radio"/> Battle Procedure	
<input type="radio"/> Personnel	

Contributor Space
[Login](#)

Related Elements

Select Battle Procedure Subject

Knowledge Analysis Support

• Activity Reporting History

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LAND



Advanced Search »

- [HOME](#)
- [What's New](#)
- [Activities](#)
- [Issues/Lessons](#)
- [Reports/Templates](#)
- [Doctrine/Task Support](#)
- [Resources](#)

Report Structures

Display Objects Of:

- All Elements
- Land

Objects ordered by:

Battle Procedure

- S. 1-1 (J STAFF) - Force Employment Manual
- S. 1-2 (J STAFF) - Coordination of requirements
- S. 1-3 (J STAFF) - Joint Planning
- S. 1 - Warning Order
- S. 2-1 (J STAFF) - Predeployment Information
- S. 2-2 (J STAFF) - Concept of Operation (COO)
- S. 2-3 (J STAFF) - Development of Mission Support Plans and Requirements
- S. 2-4 (J STAFF) - Mounting Directive
- S. 2 - Operations Order (Op O)
- S. 3 - Commander's Mission Analysis
- S. 4 - Recce

You are here : ... > [Reports/Templates](#) > [Report Structures](#) > [International Operations](#) > 2001 > [1 - Warning](#) > Battle Procedure

Battle Procedure (Subject)

Description:

Questions

Name	Description
<input type="radio"/> S. 1-1 (J STAFF) - Force Employment Manual	a. Overall, were the planning doctrine and procedures outlined in B-GG-005-004/AF-001 Force Employment Manual for the planning of operations such as this one followed?
<input type="radio"/> S. 1-2 (J STAFF) - Coordination of requirements	a. What is your assessment of the coordination of requirements between the NDHQ Joint Staff, CLS, the Area HQ and the Contingent during the detailed planning phase?
<input type="radio"/> S. 1-3 (J STAFF) - Joint Planning	a. Was the JFC appointed in a sufficiently timely manner that would allow him/her to be intimately involved in the planning process, or did the J staff conduct the necessary ...
<input type="radio"/> S. 1 - Warning Order	a. Did the unit receive the Wng O in a timely manner?b. Did the Wng O provide sufficient information?
<input type="radio"/> S. 2-1 (J STAFF) - Predeployment Information	a. Was the pre-deployment information received from unit(s) in-theatre adequate? b. What information from theatre should have been provided to commanders prior to deployment...
<input type="radio"/> S. 2-2 (J STAFF) - Concept of Operation (COO)	a. What were the difficulties/successes encountered in developing the Concept of Operation (COO) for the mission?b. Did the COO present the Commander's intentions for all ph...
<input type="radio"/> S. 2-3 (J STAFF) - Development of Mission Support Plans and Requirements	a. During the development phase, what were the difficulties/successes encountered in the completion of the following tasks: (1) identify and allocate tasks? (2) development ...
<input type="radio"/> S. 2-4 (J STAFF) - Mounting Directive	Note: this question deals with strategic level orders for the deployed force. Questions relating to the Trg and Adm sp to prepare the force appear in Ph 2 of the POR at QS 13...
<input type="radio"/> S. 2 - Operations Order (Op O)	a. Did the unit receive the Op O in a timely manner?b. Did the Op O provide sufficient information?c. Were the timings and detail outlined in the Op O workable and achievab...
<input type="radio"/> S. 3 - Commander's Mission Analysis	a. Was the commander's intent and mission clearly understood?
<input type="radio"/> S. 4 - Recce	a. How many recces did the unit conduct?b. At what point did the unit conduct the recce(s) (during Ph 1, 2 or 3)? Why?c. What was the composition of the recces?d. Did the...

Subjects

Name	Description
------	-------------

Select Warning order question

Contributor Space

[Login](#)

Related Elements

Knowledge Analysis Support

- Activity Reporting History

The screenshot displays the 'Knowledge Analysis Support' web application interface. At the top, there is a navigation bar with 'UNCLASSIFIED' status, a 'LAND' logo, and a search bar. Below the navigation bar, there are several tabs: 'HOME', 'What's New', 'Activities', 'Issues/Lessons', 'Reports/Templates', 'Doctrine/Task Support', and 'Resources'. The main content area shows a breadcrumb trail: 'You are here : ... > Reports/Templates > Report Structures > International Operations > 2001 > 1 - Warning > Battle Procedure > S. 1 - Warning Order'. The main content is titled 'S. 1 - Warning Order (Question)' and includes a description: 'a. Did the unit receive the Wng O in a timely manner? b. Did the Wng O provide sufficient information?'. Below the description, there are sections for 'Next Versions', 'Previous Versions', and 'Observations'. The 'Observations' section contains several entries, each with a date, location, and a list of observations. A blue callout box with arrows points to the observation text in the 'Observations' section, containing the text: 'Read Observations and Comments from different Operations'. The right sidebar contains a 'Contributor Space Login' link and a 'Related Elements' section with 'Document' and 'Feedback' links.

UNCLASSIFIED

LAND

HOME What's New Activities Issues/Lessons Reports/Templates Doctrine/Task Support Resources

Report Structures

Display Objects Of:
All Elements
Land

Objects ordered by:
No Selection Available OK

? S. 1 - Warning Order

You are here : ... > Reports/Templates > Report Structures > International Operations > 2001 > 1 - Warning > Battle Procedure > S. 1 - Warning Order

S. 1 - Warning Order (Question)

Elements: Land

Description: a. Did the unit receive the Wng O in a timely manner?
b. Did the Wng O provide sufficient information?

Next Versions

Name	Description
Previous Versions	
Name	Description
? S. 1 - Warning Order	a. Did the unit receive the Wng O in a timely manner?b. Did the Wng O provide sufficient information? c. Were the timings in the Wng O workable and achievable?d. Was t...

Observations:

- 2004 > PALLADIUM > RO14 PH 1-3
1 - Unit / CIMR
a. Oui, l'ordre d'avertissement a été reçu longtemps d'avance.
b. Oui.
- 2004 > ATHENA > RO2 PH 1-3
- 2004 > HALO > RO0 PH 1-3
- 2003 > ATHENA > RO1 PH 1-3
- 2003 > ATHENA > RO0 PH 1-3
- 2003 > PALLADIUM > RO13 PH 1-3
1 - Unit / RCD
a. The RCD BG never received a Wng O. Our Wng came in the form of an email and subsequent electronic copy of an Area Mounting Instruction.
b. Not applicable.
- 2003 > PALLADIUM > RO11

Contributor Space Login

Related Elements

Document

Feedback

Read Observations and Comments from different Operations

Knowledge Analysis Support

- Search

Search Criterias

Search Results

Advanced Search

Decision Action Cycle

Find Results with: Element:

Language: Domain:

Sort Order: Period: From: To:

What to Search
Only the following items will be returned by the search.

<input checked="" type="checkbox"/> Activities	<input checked="" type="checkbox"/> Issues	<input type="button" value="Select All"/>
<input checked="" type="checkbox"/> Report Structures	<input checked="" type="checkbox"/> Lessons	<input type="button" value="Unselect All"/>
<input checked="" type="checkbox"/> Observations and Comments	<input checked="" type="checkbox"/> Documents	
<input checked="" type="checkbox"/> Feedback	<input checked="" type="checkbox"/> Glossary Concepts	
<input checked="" type="checkbox"/> Doctrine and Task Support		

Where to Search
Limit the Search of items within the following branches of knowledge.

- Activities
- Report Structures
- Doctrine
 - Army Processes
 - Keystone
 - TTPs
- Task Support
 - Staff Officer's Hand
 - LCSS Training

Search Results

14 results found

Name	Date	Description	Path
COA DEVELOPMENT .ppt	2006-09-01		Documents > Training > Staff Officer's Handbook > CLFCSC SOH V1.2 MAY 06 >
The Formal Estimate V8.ppt	2006-09-01		Documents > Training > Staff Officer's Handbook > CLFCSC SOH V1.2 MAY 06 >
The Collective Estimate V8.ppt	2006-09-01		Documents > Training > Staff Officer's Handbook > CLFCSC SOH V1.2 MAY 06 >
Decision Action Cycle V8.ppt	2006-09-01		Documents > Training > Staff Officer's Handbook > CLFCSC SOH V1.2 MAY 06 >
Decision Action Cycle	2006-08-28	This is an example of an Army Process divided by objects	Doctrine > Army Processes > Decision Action Cycle
TABLE OF CONTENT .doc	2006-07-07		Documents > Training > Staff Officer's Handbook > CLFCSC SOH V1.2 MAY 06 >
ASDS.05.01.01.SE.doc	2006-07-07		Documents > Training > Staff Officer's Handbook > CLFCSC SOH V1.2 MAY 06 >
Op ATHENA R01 Lessons Learned - HQ KMNB - Info Ops	2006-01-26		Documents > Reference > Op ATHENA R01 Lessons Learned - HQ KMNB - Info
Op GRIZZLY ROO POR (MS Word Format)	2005-04-14	Hard copy of POR in MS Word format.	Documents > Reference > Op GRIZZLY ROO POR (MS Word Format)
2004 - 0011 - Op ATHENA R01 - Lessons Learned - KMNB ...	2005-01-07	This document is a compilation of information received in MS Pow...	Lessons > Tactical > 2004 - 0011 - Op ATHENA R01 - Lessons Learned - KMNB
Op ATHENA Roto 1 ISTAR lessons learned(1)	2004-12-07	ISTAR CC lessons from Afghanistan	Documents > Reference > Op ATHENA Roto 1 ISTAR lessons learned(1)
Op ATHENA RO 1 ISTAR Lessons Learned	2004-11-05	Op ATHENA RO 1 ISTAR Lessons Learned KMNB HQCamp ...	Documents > Reference > Op ATHENA RO 1 ISTAR Lessons Learned
Op ATHENA RO 1 ISTAR Manual	2004-07-15	Op ATHENA RO 1 ISTAR Manual G3 ISTAR'S COMMENTS - I...	Documents > Reference > Op ATHENA RO 1 ISTAR Manual
1 - Unit / Land Component Units	2003-12-09	2 PPCLI a. At the unit level, coordination was very good and extre...	Activities > Operations > Domestic Operations > (Dom.) Security Operation or Aid t

Knowledge Analysis Support

Advanced Search

Decision Action Cycle

Find Results with:

Language:

Sort Order:

What to Search

Only the following items will be returned by the search.

<input checked="" type="checkbox"/> Activities	<input checked="" type="checkbox"/> Issues
<input checked="" type="checkbox"/> Report Structures	<input checked="" type="checkbox"/> Lessons
<input checked="" type="checkbox"/> Observations and Comments	<input checked="" type="checkbox"/> Documents
<input checked="" type="checkbox"/> Feedback	<input checked="" type="checkbox"/> Glossary Co
<input checked="" type="checkbox"/> Doctrine and Task Support	

Where to Search

Limit the Search of items within the following branches of know

- Activities
- Report Structures
- Doctrine
 - Army Processes
 - Keystone
 - TTPs

Search Results

14 results found

LAND

HOME
What's New
Activities
Issues/Lessons
Reports/Templates
Doctrine/Task Support
Resources

Display Objects Of:

All Elements

Land

Objects ordered by:

No Selection Available

- 1 ? Question Series 20
- 1 1 - Unit / Land Component Units
- 1 1 - Unit / Support Component Units
- 1 10 - Environmental Component / Air Component Commander
- 1 10 - Environmental Component / Joint Task Force HQ
- 1 10 - Environmental Component / Land Component Commander
- 1 10 - Environmental Component / Support Component Commander

You are here : ... > Activities > Operations > Domestic Operations > (Dom.) Security Operation or Aid to Civil Power/Law Enforcement Agencies > GRIZZLY > R00(1) > Deployment > Battle Procedure > Coordination > Question Series 20

Question Series 20 (Question)

Elements: Land

Activity: GRIZZLY > R00(1)

Description: a. What is your observation of the coordination of activities between NDHQ (if units tasked during planning and subsequent phases of the operation? b. What went particularly well during this operation? What could be improved?

Observations:

2003 > GRIZZLY > R00(1) ▲

- 1 1 - Unit / Land Component Units
- 2 PPCLI
- 1 1 - Unit / Support Component Units
- 1 10 - Environmental Component / Air Component Commander
- 1 10 - Environmental Component / Joint Task Force HQ
- 1 10 - Environmental Component / Land Component Commander
- 1 10 - Environmental Component / Support Component Commander

Contributor Space Login

Related Elements

Document Feedback

Access the object through the Web

Select the object from the search results list: Observation of a Unit

	Date	Description	Path
	2006-09-01		Documents > Training > Staff Officer's Handbook > CLFCSC SOH V1.2 MAY 06 > ...
	2006-09-01		Documents > Training > Staff Officer's Handbook > CLFCSC SOH V1.2 MAY 06 > ...
	2006-09-01		Documents > Training > Staff Officer's Handbook > CLFCSC SOH V1.2 MAY 06 > ...
	2006-09-01		Documents > Training > Staff Officer's Handbook > CLFCSC SOH V1.2 MAY 06 > ...
	2006-08-28	This is an example of an Army Process divided by objects	Doctrine > Army Processes > Decision Action Cycle
	2006-07-07		Documents > Training > Staff Officer's Handbook > CLFCSC SOH V1.2 MAY 06 > ...
	2006-07-07		Documents > Training > Staff Officer's Handbook > CLFCSC SOH V1.2 MAY 06 > ...
	2006-01-26	Op ATHENA R01 Lessons Learned - HQ KMNB - Info Ops	Documents > Reference > Op ATHENA R01 Lessons Learned - HQ KMNB - Info ...
	2005-04-14	Hard copy of POR in MS Word format.	Documents > Reference > Op GRIZZLY R00 POR (MS Word Format)
	2005-01-07	This document is a compilation of information received in MS Pow...	Lessons > Tactical > 2004 - 0011 - Op ATHENA R01 - Lessons Learned - KMNB ...
	2004-12-07	ISTAR CC lessons from Afghanistan	Documents > Reference > Op ATHENA Roto 1 ISTAR lessons learned(1)
	2004-11-05	Op ATHENA R01 ISTAR Lessons Learned KMNB HQCamp ...	Documents > Reference > Op ATHENA R01 ISTAR Lessons Learned
	2004-07-15	Op ATHENA R01 ISTAR Manual G3 ISTAR'S COMMENTS - I...	Documents > Reference > Op ATHENA R01 ISTAR Manual
	2003-12-09	2 PPCLI a. At the unit level, coordination was very good and extre...	Activities > Operations > Domestic Operations > (Dom.) Security Operation or Aid to...



Knowledge Analysis Support

- Project Analysis

Select A Project analysis

The screenshot displays a Knowledge Management System (KMS) interface with the following components:

- Navigator:** Shows a tree view of the system structure. The "Analysis Projects" folder is expanded, and "Predeployment Training Requirement" is selected. A blue arrow points from the text "Select A Project analysis" to this selection.
- Identification Panel:** Displays details for the selected project:
 - Name: Predeployment Training Requirement
 - Elements: Land
 - Domain: Lessons Learned
 - Description: A multi-paragraph text describing the background, support, caveats, and aim of the training requirement analysis.
- Related Elements Panel:** Lists related documents:
 - Documents (2)
 - Op PALLADIUM R07 - Predeployment Trg HQ MND (SW) Staff - ALLC AnaL.
 - Op PALLADIUM R08 - Predeployment Trg HQ MND (SW) Staff - ALLC AnaL.A blue arrow points from the text "Access Related Elements" to this panel.

Access Related Elements

Knowledge Analysis Support

• Project Analysis

Select an Objective:
Requirement Validation

The screenshot displays a software interface for project analysis. On the left is a 'Navigator' pane with a tree view of project elements. A blue arrow points from a text box above to the 'Requirement Validation' node in the tree. The main window is titled 'Requirement Validation' and contains the following information:

- Name:** Requirement Validation
- Analysis Project:** Palladium Warning Order Analysis
- Description:**

The requirement to conduct pre-deployment collective training for augmentees to HQ MND (SW).

a. Validation of the Requirement. Like their comrades of the first rotation, augmentees of the second rotation who participated in the Information Collection Plan had served for at least 40 days in theatre. All enthusiastically supported the concept of pre-deployment collective training for they had seen the difference that this type of preparation had made "on the ground". Even those who had participated in previous national training and for whom this preparation had represented yet another demand on their time, supported the concept of uniting and training elements of the divisional staff before deployment to the Bosnian Theatre of Operations (TAOD).

b. Indicators of Success. The analysis of observations concluded the following indicators of training success:

 - (1) Self-Confidence. The majority of participants felt that they had arrived in theatre "ready-to-go" in their new jobs, thanks to the opportunities presented by the training programme. The majority felt that this training had answered their questions about their new jobs, with an impressive degree of precision. As in the training of the first rotation, the issue of self-confidence based on proper preparatory training was most often mentioned first in interviews and AARs.
 - (2) Stress Reduction. Augmentees felt that the stresses of fitting into a new organisation were reduced through contact with future co-workers before deployment. This is a significant observation in that the deployment of the second rotation of augmentees coincided with an abrupt acceleration in the HQ's operational tempo due to several major issues of non-compliance in the MND (SW) AOR. Because the second rotation found itself "under-the-gun" as soon as it arrived in theatre, their conclusions about the value of this training are especially important.
 - (3) Cohesion. Making team building the main effort paid considerable dividends. The strength of professional and personal relationships forged during the training period permitted considerable saving in adaptation time in realising a cohesive HQ.
 - (4) MN Support. There continues to be a multi-national "buy-in" at HQ MND (SW) for pre-deployment collective training. The senior national officers at HQ MND (SW) re-affirmed their support the concept. The NL MOD will sponsor a similar training period in the Netherlands in September before it assumes LN status in Oct 2001. Augmentees from more than one TCN and with multiple Bosnia tours stated that this had been the best training preparation they had ever received.

ALLC Recommendation. No change from reference A. The CF should institutionalise this training concept for future rotations. An appropriate CF agency should be systematically tasked to organise and conduct pre-deployment collective training for all augmentees when Canada assumes LN status for HQ MND (SW). Additionally, this should be the case if Canada undertakes LN status for other MN commitments.

On the right side of the interface, there is a 'Related Elements' pane with a list of categories, each with a count of zero: Report Structures (0), Activities (0), Observations (0), Issues (0), Lessons (0), Feedback (0), and Documents (0).

Knowledge Reuse Action



- Cross-Reference: object that relates to to another specific object (i.e. see also)
- Import or Link: object that is reuse without any modification within another structure
- Contextual Mapping: object that are proposed when a user request help in context

Conclusion

- Embedding the Lessons Learned process within a business process to:
 - Facilitate access to a Lesson
- New ways of doing business
 - New roles and responsibilities to facilitate sharing between organization
- Taking advantage of the technology
 - Increase support to knowledge analysts
- New version was Delivered on June 06.

