

# European Industrial Co-operation



Col Jaap de Die  
Chairman Steering Committee  
CEPA-11

NMSG, October 2002

# Report Documentation Page

Form Approved  
OMB No. 0704-0188

Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

1. REPORT DATE <b>00 NOV 2003</b>		2. REPORT TYPE <b>N/A</b>		3. DATES COVERED <b>-</b>	
4. TITLE AND SUBTITLE <b>European Industrial Co-operation</b>				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) <b>RNLA/DM/C3I/STS MPC 58 A PO Box 90822 2509 LV Den Haag THE NETHERLANDS</b>				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT <b>Approved for public release, distribution unlimited</b>					
13. SUPPLEMENTARY NOTES <b>See also ADM001655., The original document contains color images.</b>					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT	18. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON
a. REPORT <b>unclassified</b>	b. ABSTRACT <b>unclassified</b>	c. THIS PAGE <b>unclassified</b>			

# Notes for Slide 1

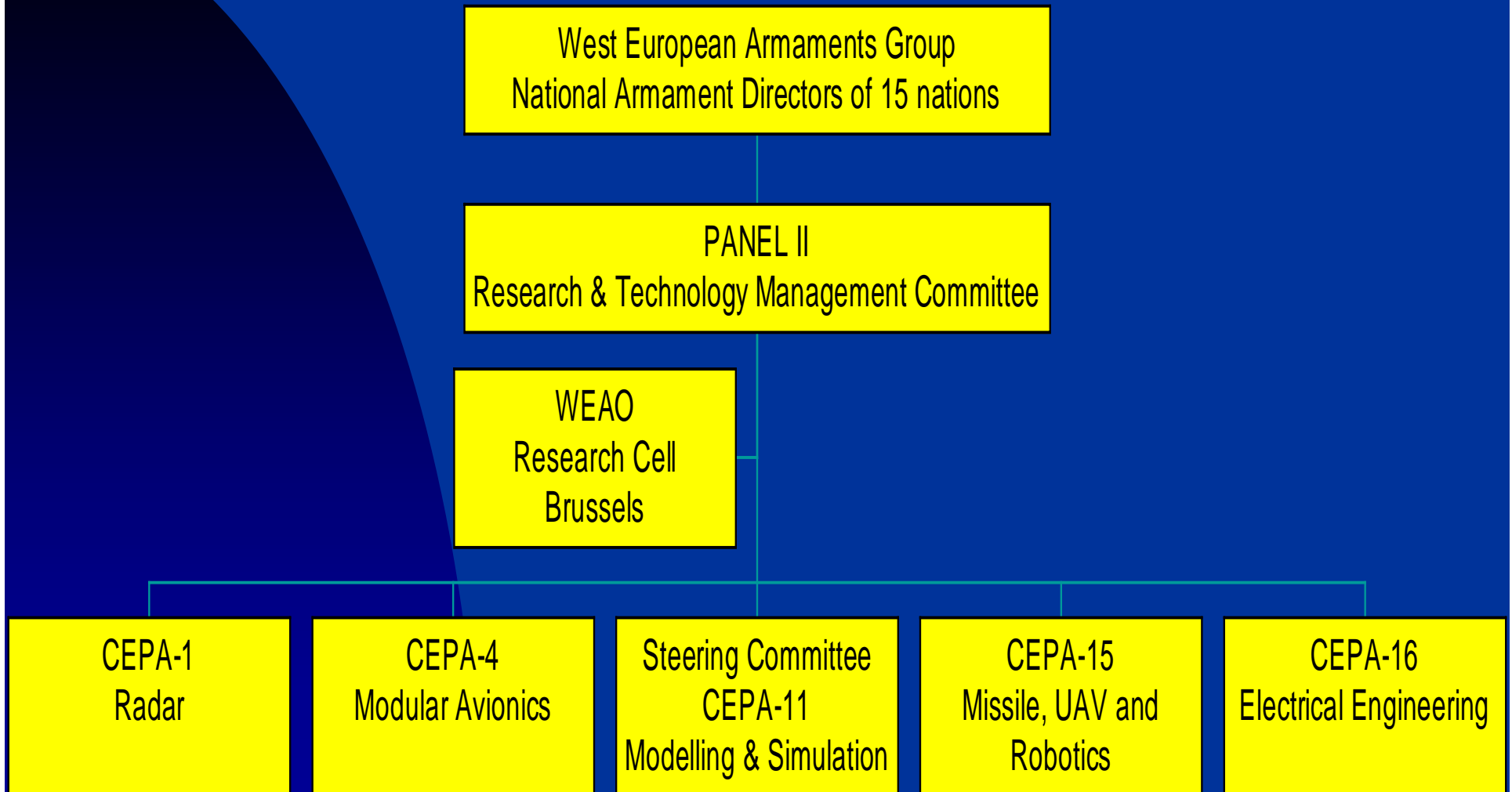
I am Col Jaap de Die, working in the RNLA in the Directorate of Procurement. My department is taking care of the Simulation and Training Systems. I am also the national representative in the NMSG

I am grateful to have the opportunity to give a presentation. I and my Steering committee are welcoming the new initiatives of Panel II.

For many years CEPA-11 is using and updating its strategy but I didn't receive any reaction from the RTMC or the Panel in those years about the strategy paper.

I would like to introduce Mr Fokko de Boer. He is my co-partner as the chairman of the industrial group of CEPA-11. He is working in a Dutch industry named Dutch Space former called Fokker Space.

# WEAG Panel II Structure



# PROCEDURES

- EUCLID
  - ◆ official - requirements pull
- EUROFINDER
  - ◆ industry - technology push
- THALES
  - ◆ official initiative - laboratories

# EUROFINDER - EUCLID

## EUROFINDER

## common steps

## EUCLID

Bids prepared  
by industry

Projects from  
government needs

Formulation of national views  
on programme and budget

Selection bests supported bids

IA signed by NADs

RFP preparation

Selection of winner

Contract let

# CEPA-11 Vision

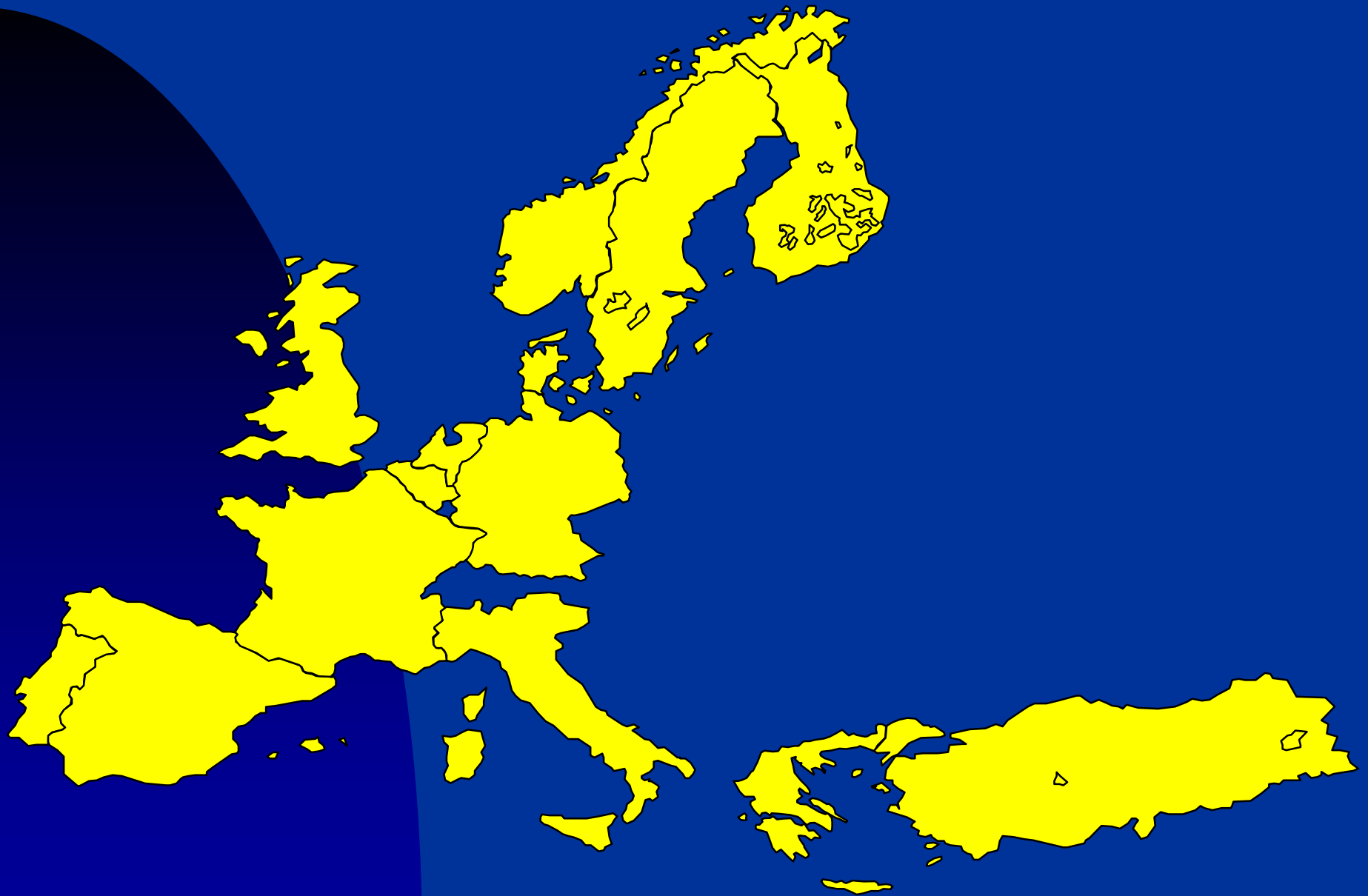
- Define, prioritise and allow the demonstration of modelling and simulation technologies that can cost effectively fulfil European military and other defence needs and requirements by providing the best state of the art technology

# CEPA-11 Goals

- Maintain the leadership in developing European M&S research collaboration
- Enhance the relationships between national and European M&S research
- Stimulate partnership in Europe to promote investments in simulation based applications
- Stimulate defence industries and encourage industry/government collaboration
- Promote the progress in M&S technologies



# Nations in CEPA-11



# CEPA-11 Research Topics

- Methodologies
- Low Cost Simulators
- SBA
- VV&A
- Embedded training
- Synthetic Forces
- Networked Simulation

# RTP 11.12



# RTP 11.12

## Simulation and visualisation of

- virtual BVR air combat scenarios
- with on-board computer generated targets (CGFs)
- their detection and targeting with on-board simulated own weapon system (sensors and weapons) to include
  - ◆ ECM / EPM and
  - ◆ Ground - Air - Threat (SAM)
- Initially for fighter aircraft (adaption to A/G later on)
- in known operational MMI (HUD, HDD, HOTAS)

# RTP 11.12



The AerMacchi MB 339 CD

# EUCLID

REALISING THE POTENTIAL OF NETWORKED SIMULATION IN EUROPE



# Notes for Slide 16

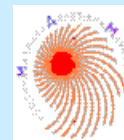
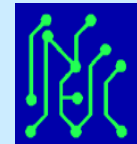
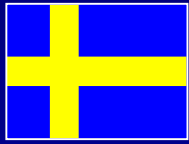
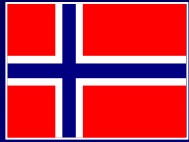
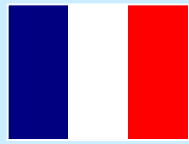
## Subject

RTP 11.13 addresses the development of Distributed Simulations

This briefing addresses a security issue which CEPA11 group may be able to advise on.

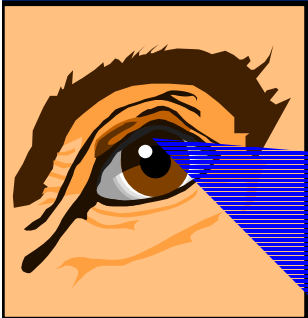
It starts with a short introduction of the RTP11.13 study and the selected development approach for Synthetic Environments.

# RTP 11.13





# 11.13 Security Repository Population



User view repository



Repository & its Population



# Notes for Slide 19

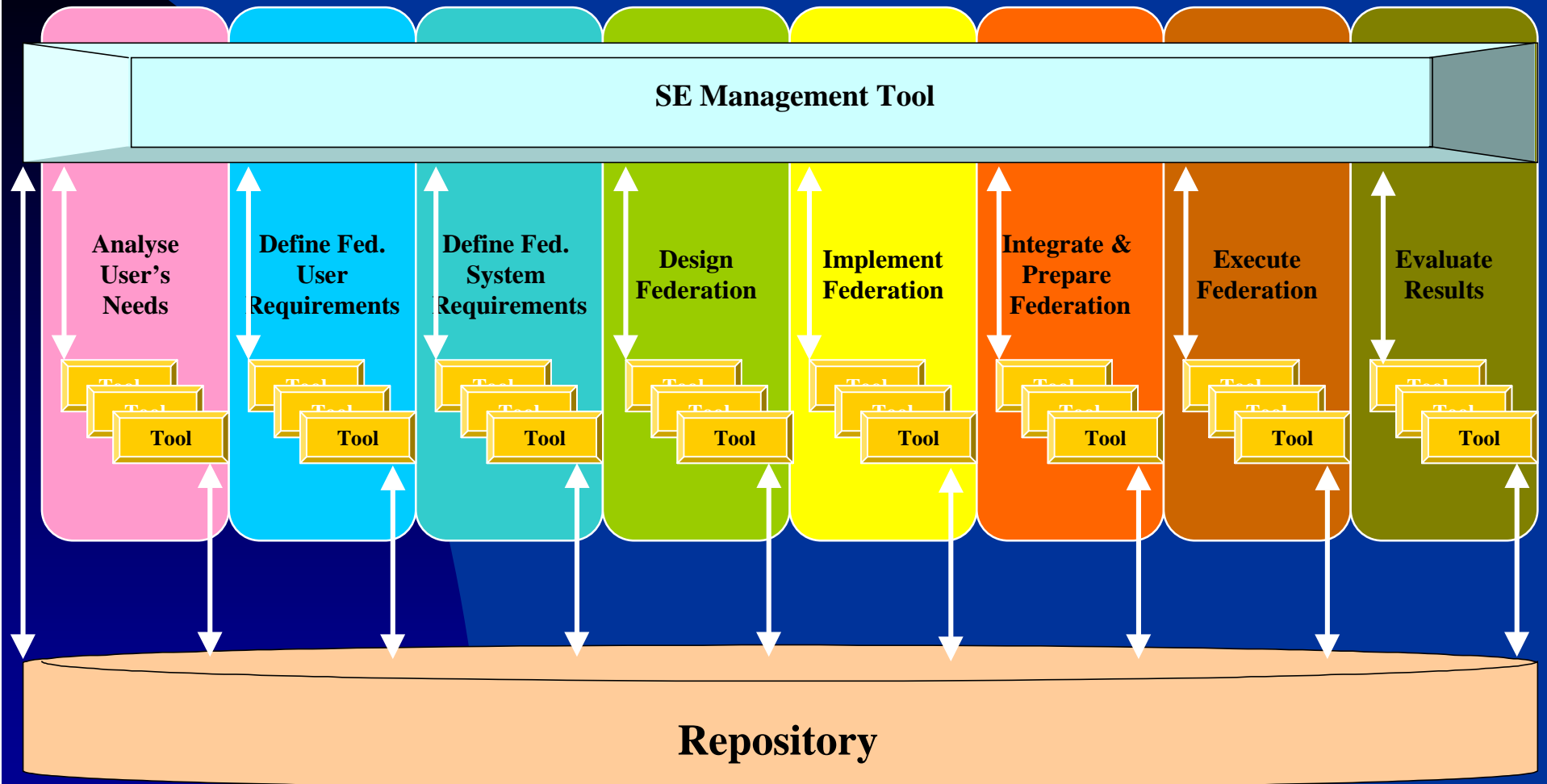
*We will see:*

**Repository(ies) populated with**

**Unclassified Information  
Classified Information**

**For all Users to See and Use for the development of  
SE's (depending on their Access Rights)**

# SEDE CONCEPTUAL FRAMEWORK (Synthetic Environment Development Environment)



# CEPA-11 WEAG

Col Jaap de Die

tel +31 70 316 42 50

fax +31 70 316 43 75

e-mail: [CISS.DM@RNLA.MINDEF.NL](mailto:CISS.DM@RNLA.MINDEF.NL)

## European Industrial Co-operation

**Col J.J. de Die**  
RNLA/DM/C3I/STS  
MPC 58 A  
PO Box 90822  
2509 LV Den Haag  
THE NETHERLANDS

*This paper was received as a PowerPoint presentation without supporting text.*

**This page has been deliberately left blank**

---

**Page intentionnellement blanche**