

# NATO Standards for ADL in Exercises

## ADL Initiative Webinar

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Ulf Jinnestrand; Niclas Ljung  
Aaron Presnall; Paul Thurkettle  
Maksym Tyshchenko

# Why ADL in Exercises?

## → ROI (efficiency and effectiveness) for:

- ✓ AIM & PURPOSE – Readiness
- ✓ OBJECTIVES – Learning, Training, and Exercise
- ✓ REQUIREMENTS – Operational (Task List) and technical

## → Concept Development & Solutions R&D

- ✓ Feedback from uniformed soldiers – enhances the demand signal
- ✓ Validation of implementation in an operational context
- ✓ High visibility helps win new stakeholders

## → Compelling case studies for lessons learned

# ADL International Program Strategy



# MISSION

MADLx integrates automated learning analytics into military exercise technologies to improve learning outcomes and to advance business intelligence for readiness reporting.

## Hypothesis:

We expect improved operations effectiveness by participants who utilize Advanced Distributed Learning (ADL) content

# PROGRESS TO DATE

## 2018-present

- Eight diverse exercise field trials integrating eLearning & Analytics :
  - Domestic and multinational;
  - Computer-based and live training exercises;
  - Tactical and Operational
- Demonstrated efficiency and effectiveness gains for training
- Cooperation with JSJ7 cascades project deliverables to Joint Staff and CCMD

UP NEXT		
October 2021	November 2021	April 2022
<b>Bold Quest 21.2</b>	<b>ROI Dashboard prototype release</b>	<b>Viking</b>



# The NATO Training Group

Individual Training & Education Developments Task Group



- Provide the NTG a multi-national group of education and training specialists to accomplish NTG tasking as well as:
- Support standardisation and harmonisation in the development of education and training (e-Learning and classbased learning)
- Facilitate course and content sharing as well as development of best practices, new technologies, and learning methods
- Support nations (both NATO and partner) in E&T development
- Provide liaison to NATO and national academic institution's and training centres as well as other associated working groups
- Co-chairs: Mr. Paul Thurkettle (NATO) & Dr Sae Schatz (USA)

# Contributors to the Annex

SWEDEN - Chair	Maj Tohmas Ax Maj Niclas Ljung	Swedish Armed Forces Headquarters, Human Resources, Department for Education, Stockholm/Halmstad Sweden
UKRAINE	LtCol Dr. Maksym Tyshchenko	Ivan Chernyakhovsky National Defense University of Ukraine, Kyiv, Ukraine
UNITED STATES	Dr. Aaron Presnall Mr. Ulf Jinnestrand Ms. Biljana Presnall	Jefferson Institute, Washington DC, USA Virginia Modeling Analysis Centre, Suffolk VA USA Jefferson Institute, Washington DC, USA
NATO	Mr. Paul Thurkettle	Allied Command Transformation, Education and Training Technology, NATO, Norfolk, USA

# Best Practice for ADL in Exercises



## **THE NATO ADVANCED DISTRIBUTED LEARNING HANDBOOK**

Guidelines for the development, implementation and evaluation of  
Technology Enhanced Learning



## **ADVANCED DISTRIBUTED LEARNING IN EXERCISES**

Annex to NATO ADL Handbook

NATO Training Group  
Task Group for  
Individual Training & Education  
Developments (IT & ED)

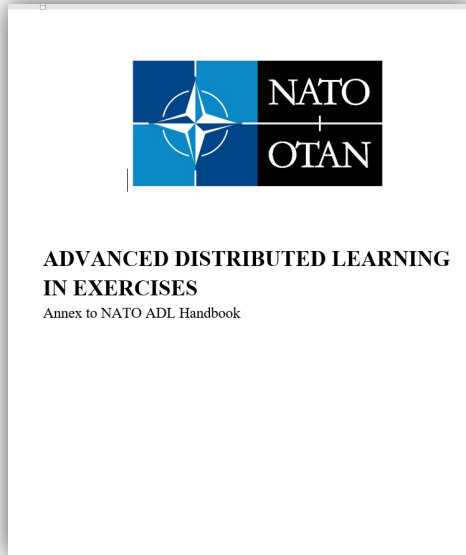


Version 2019

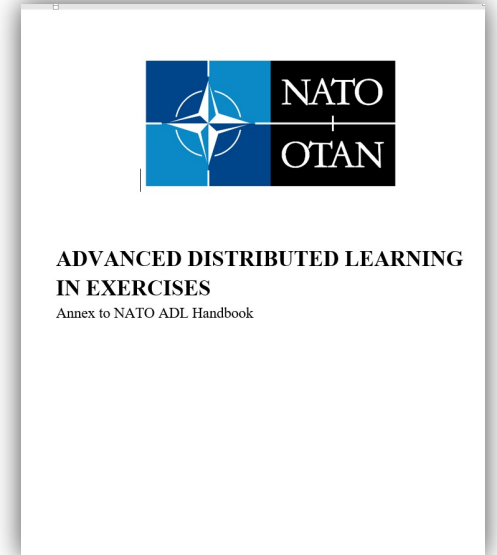
<https://adlnet.gov/publications/2019/07/The-NATO-Advanced-Distributed-Learning-Handbook/>



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# Exercise Planning and Execution Process



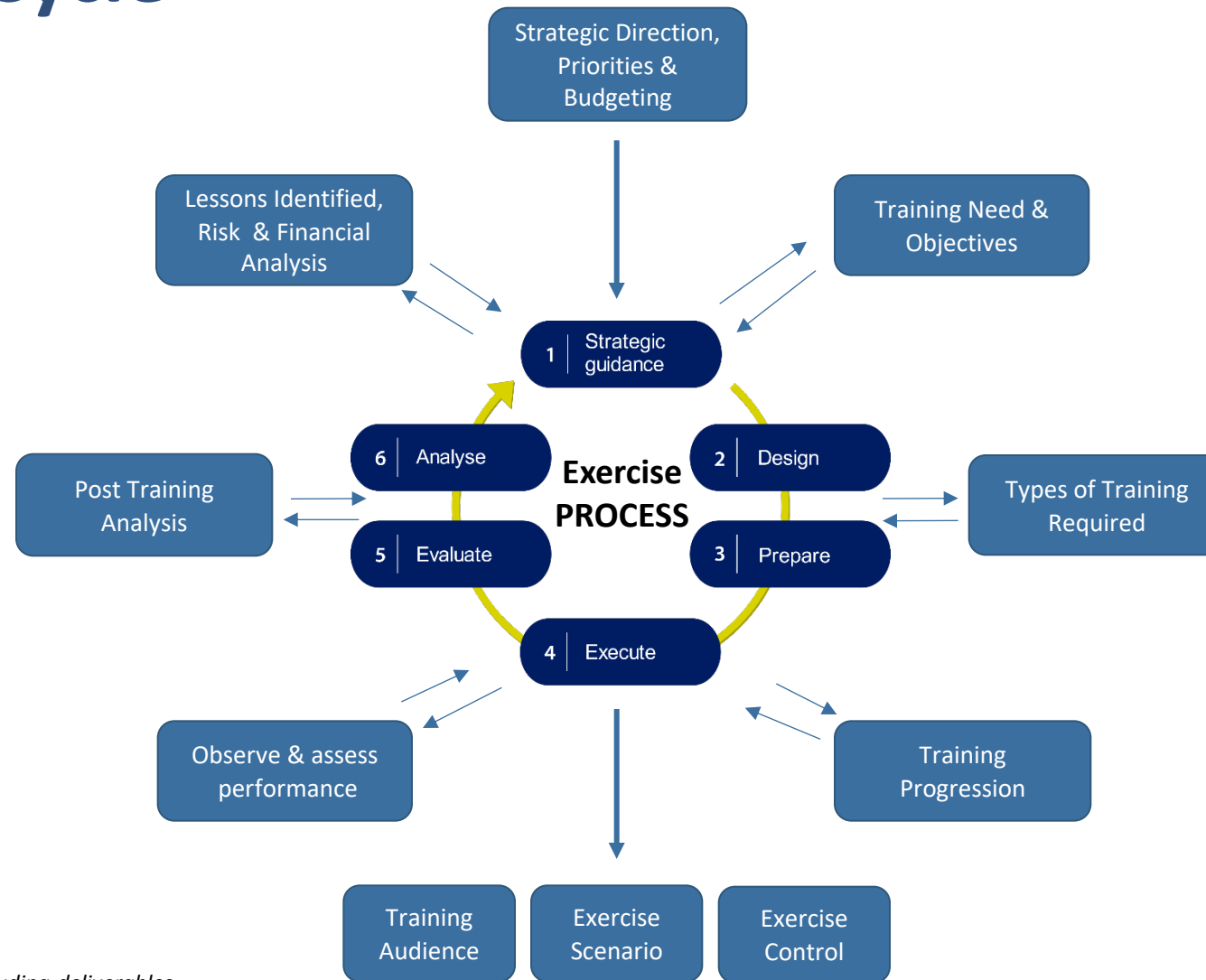
## Best Practice:

- This is a planning process, based on twenty years of experience, developed from NATO Bi-SC 75-3 to fit into major multinational distributed exercises. Planning for ADL in such exercises fits well into the process and will be a major contribution to reach the process outcome and exercise objectives.

## References:

- NATO Bi-SC Education & Training Directive 75-2
- NATO Bi-SC Collective Training & Exercise Directive 75-3
- NATO Bi-SC Education & Individual Training Directive 75-7
- NATO AMSP-05, CAX Best Practices
- Guidelines Methods in CAX VIKING
- NATO ADL Handbook

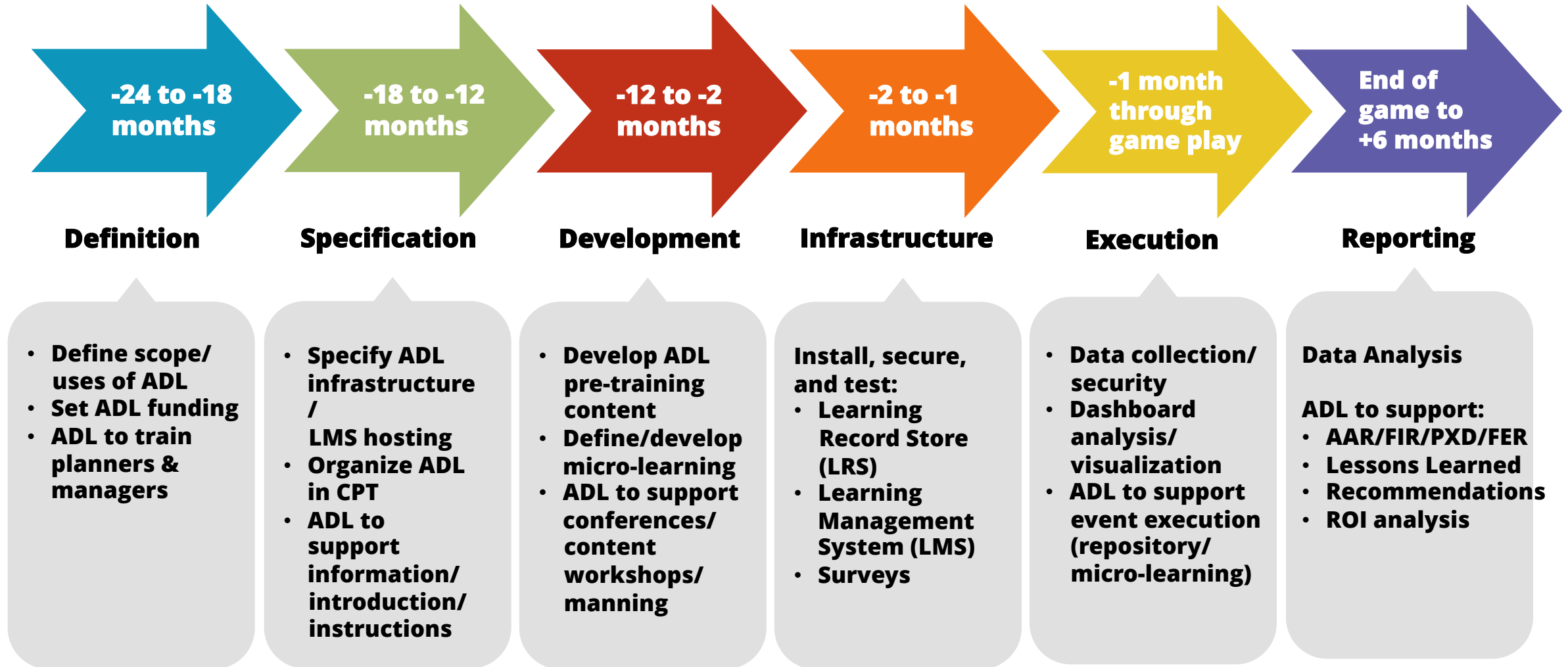
# Exercise Cycle



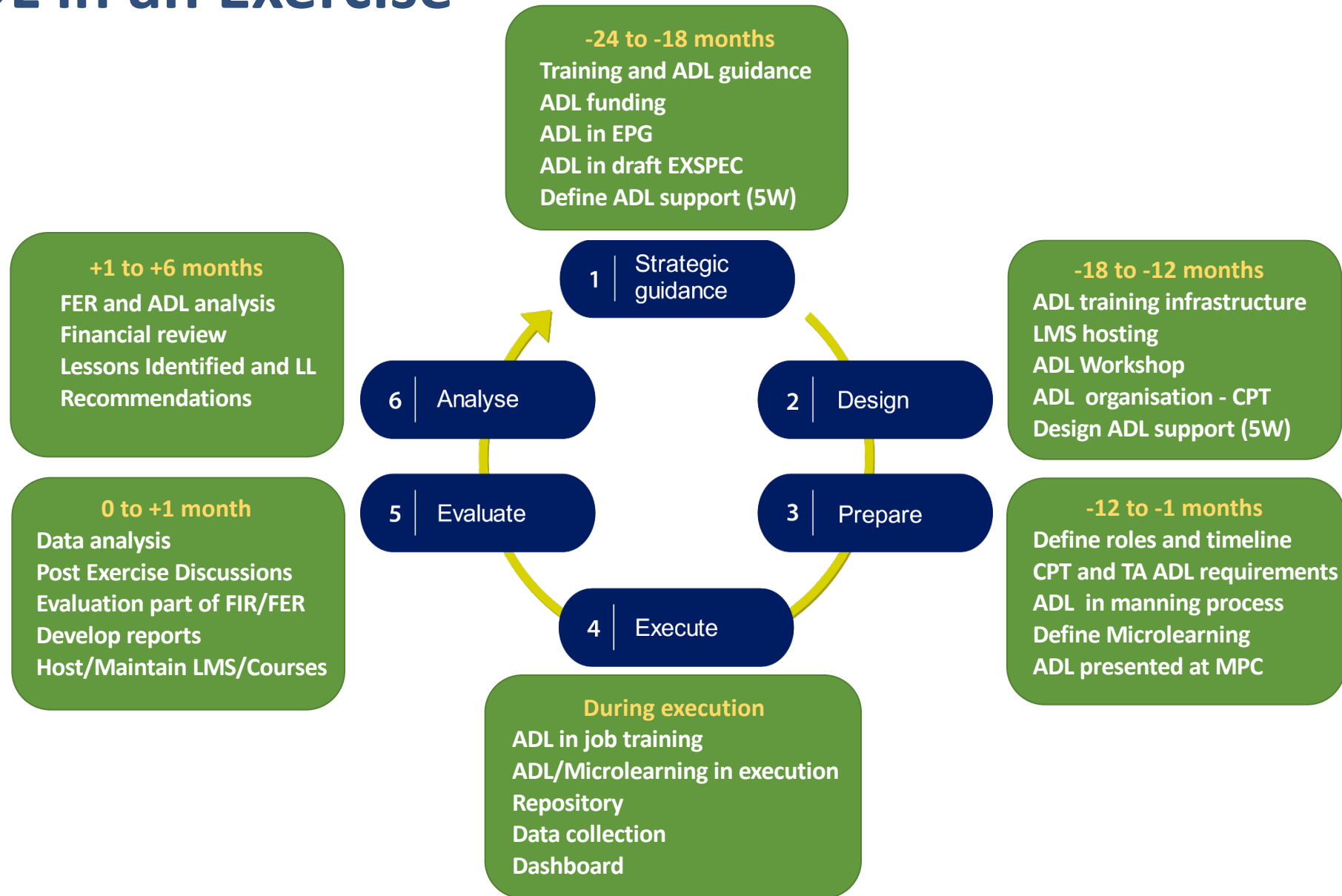
**Transparency:**

- This general developed planning process, including deliverables over time in the different steps, fits well into an ADL in exercise planning, execution, and evaluation process.

# Timeline: ADL in Exercises



# ADL in an Exercise



# Thank You!

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