



IED TM Lesson 2.2: IED Threat Mitigation Concepts



Overview

2.2.1 IED Threat System

2.2.2 Fundamentals of IED Threat Mitigation

2.2.3 Countering the IED – The Military Approach



Terminal Learning Objectives

At the end of this module the participant will be able to describe the operational processes and resources required to combat the IED and understand their responsibility.

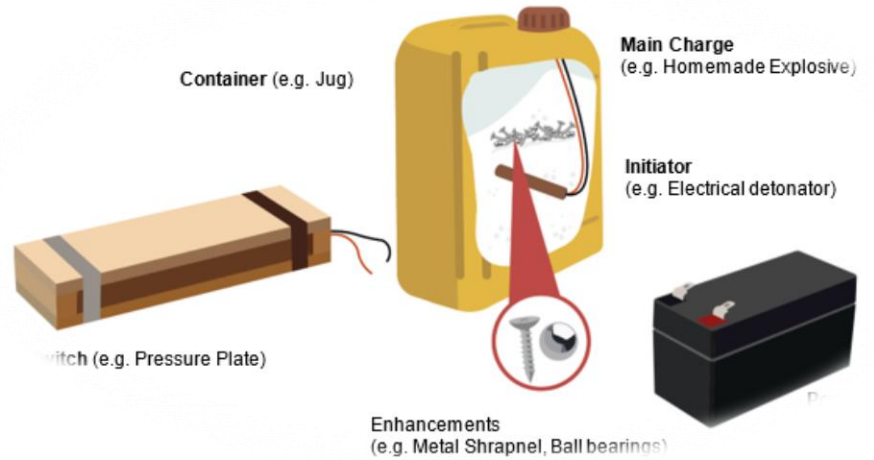


2.2.1 IED Threat System

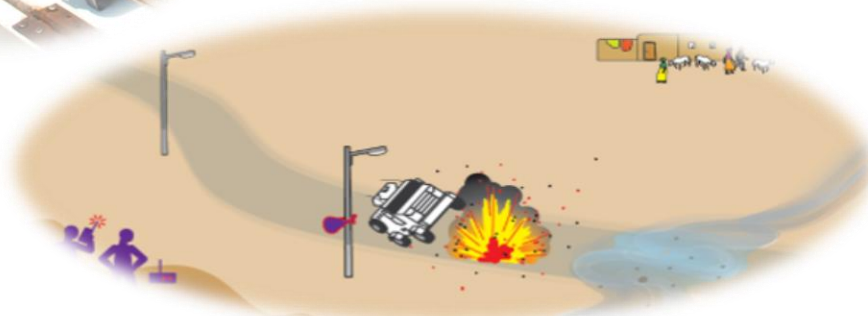
IED System

What is Counter-IED?

The collective efforts to defeat the **IED System** in order to reduce the effect of IEDs on our ability to conduct Missions.

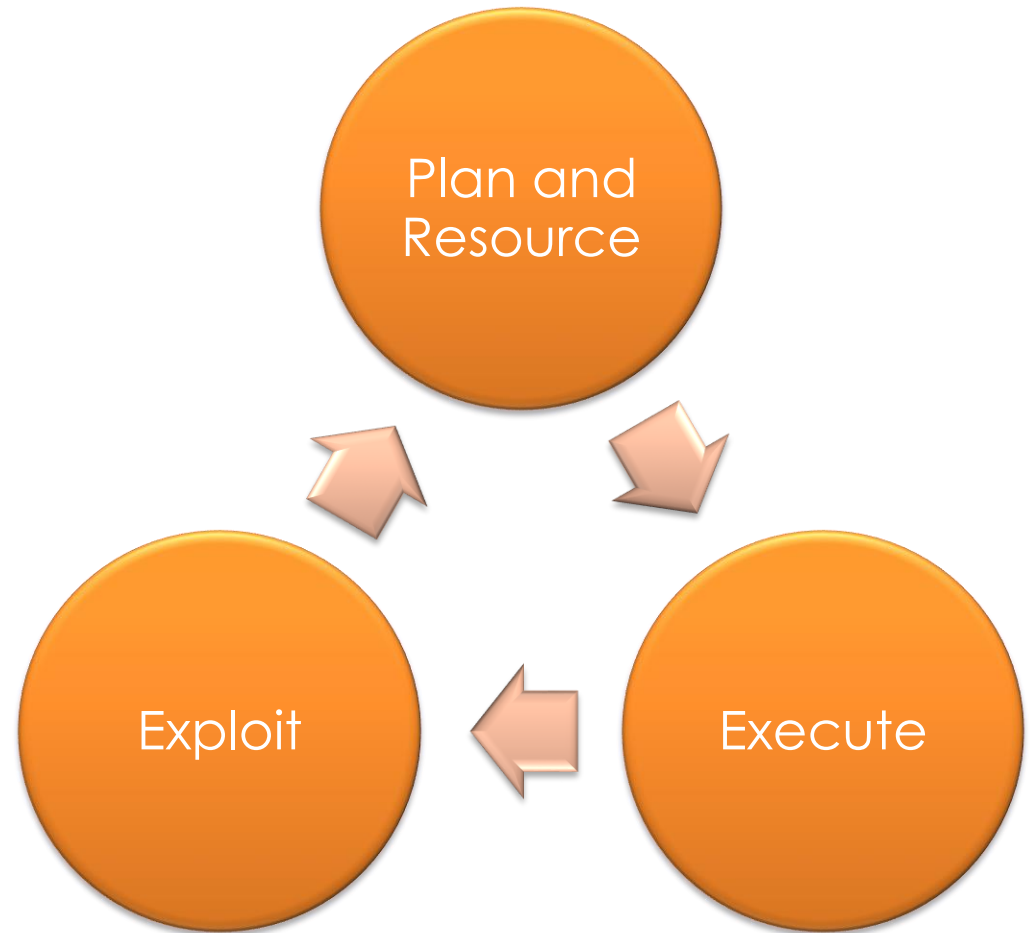


IED System



IED System

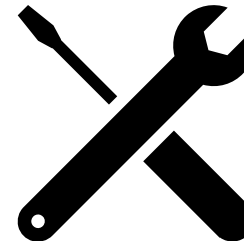
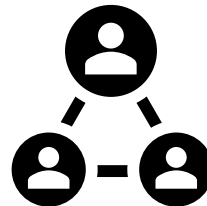
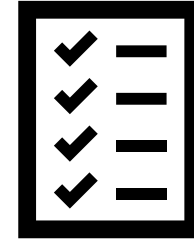
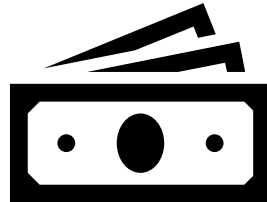
- May or may not be structured
- Involves multiple activities
- Requires planning



IED System

Resource and Plan:

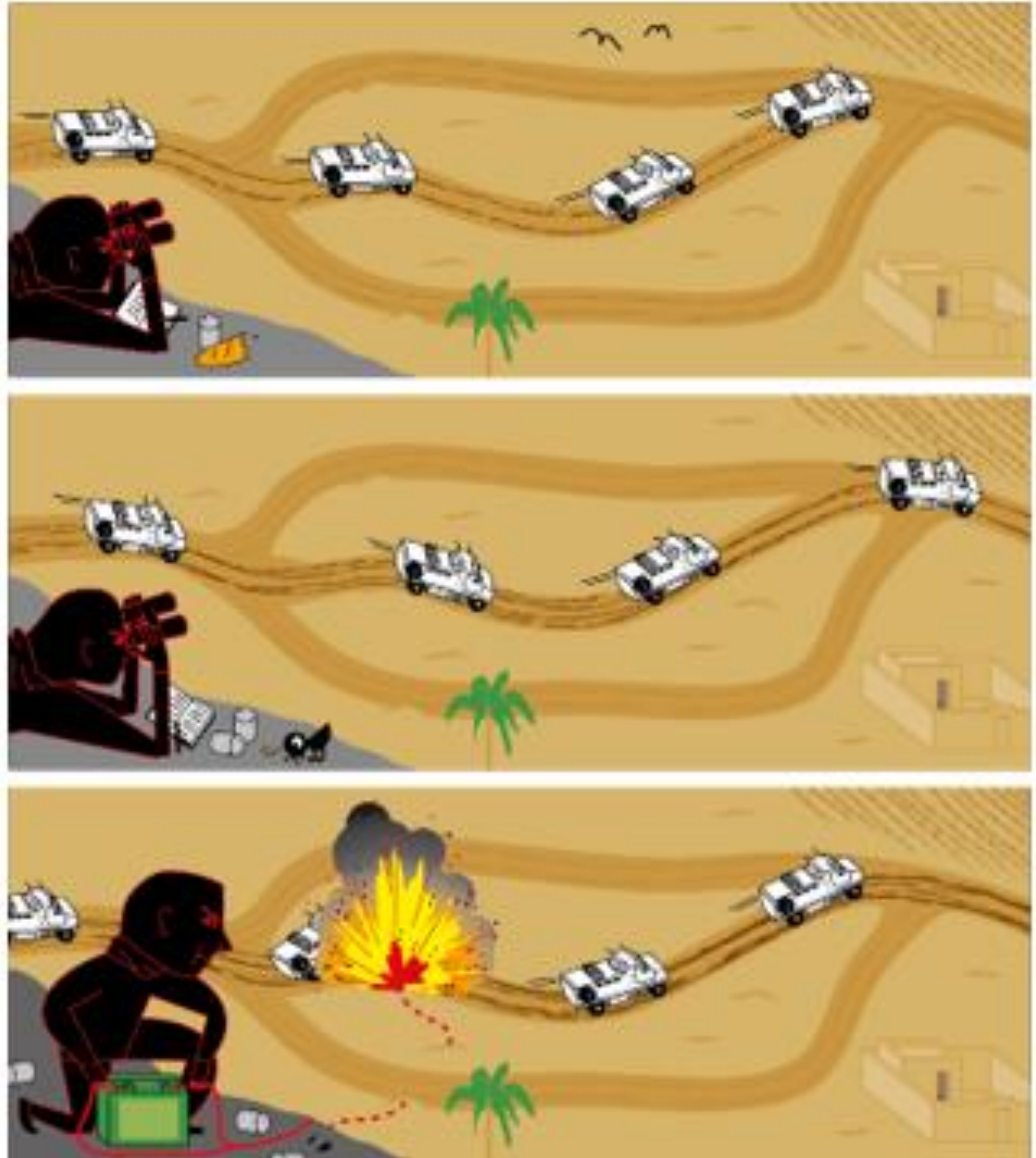
- Finance and technical support
- Recruiting and training
- Material collection
- Manufacturing



IED Threat System

Execute:

- Transport
- Target location
- Reconnaissance
- Timing



IED Threat System

Exploit:

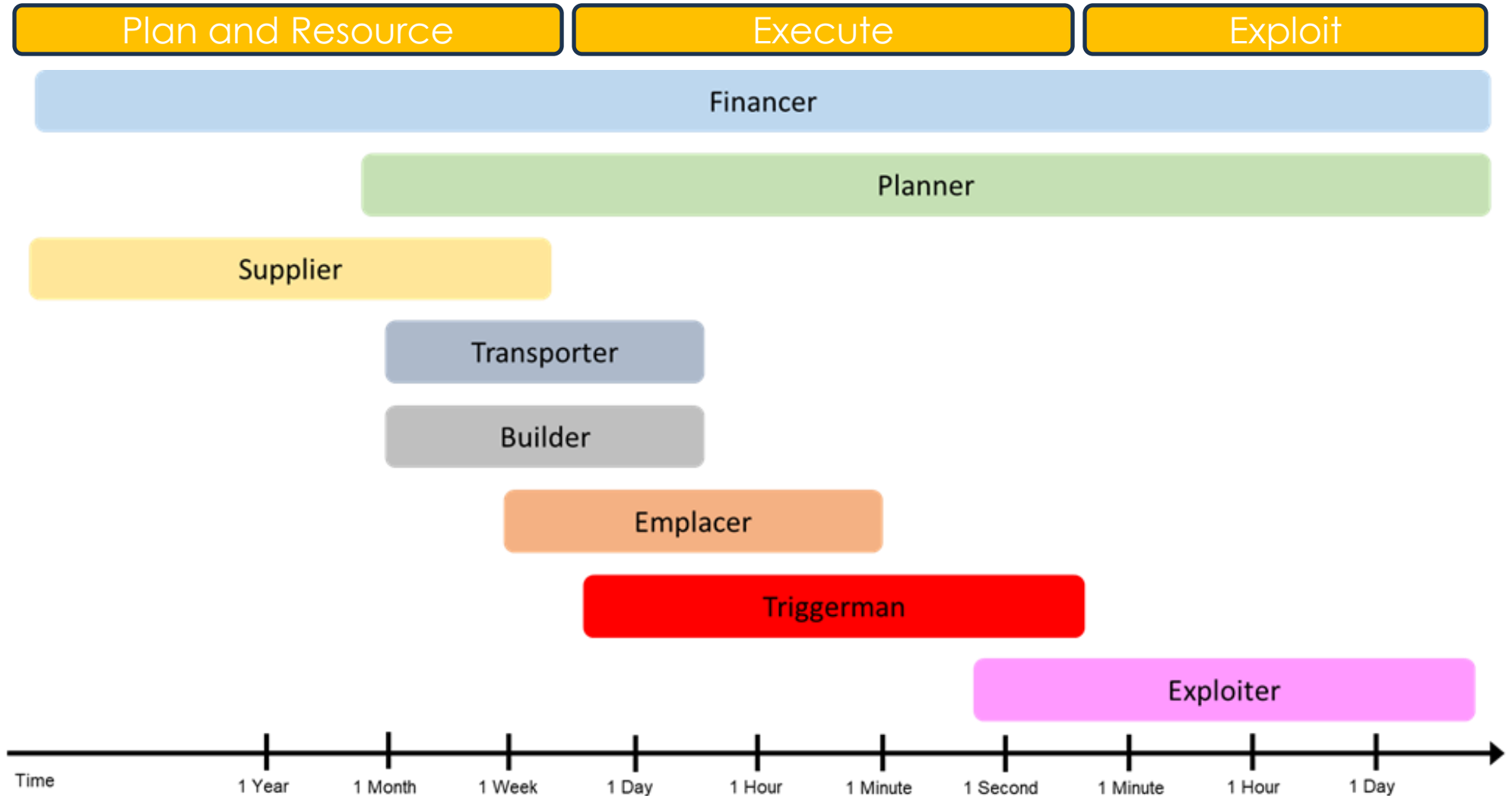
Two phases:

- Assessing results
- Projecting success



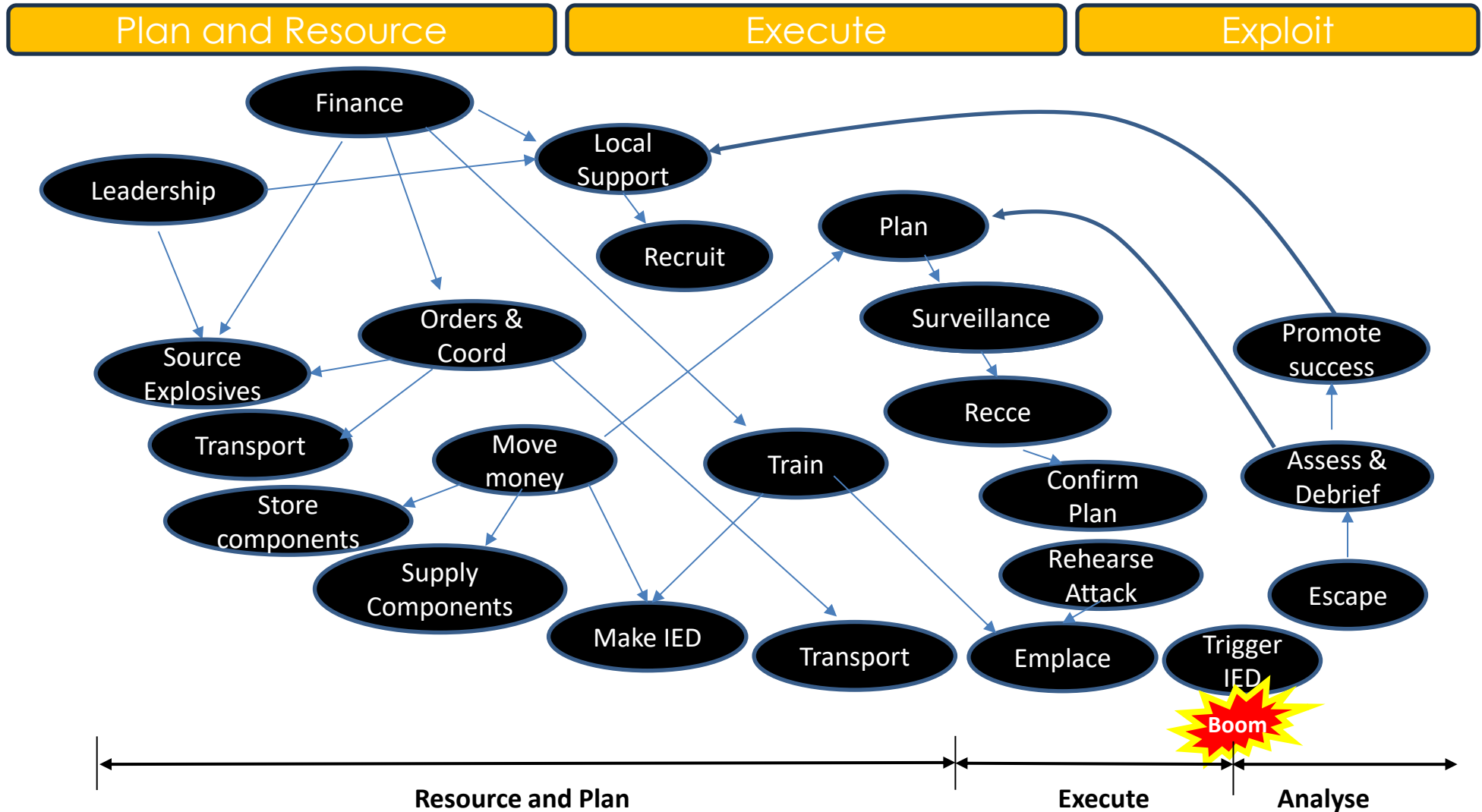
IED Threat System

System Actors



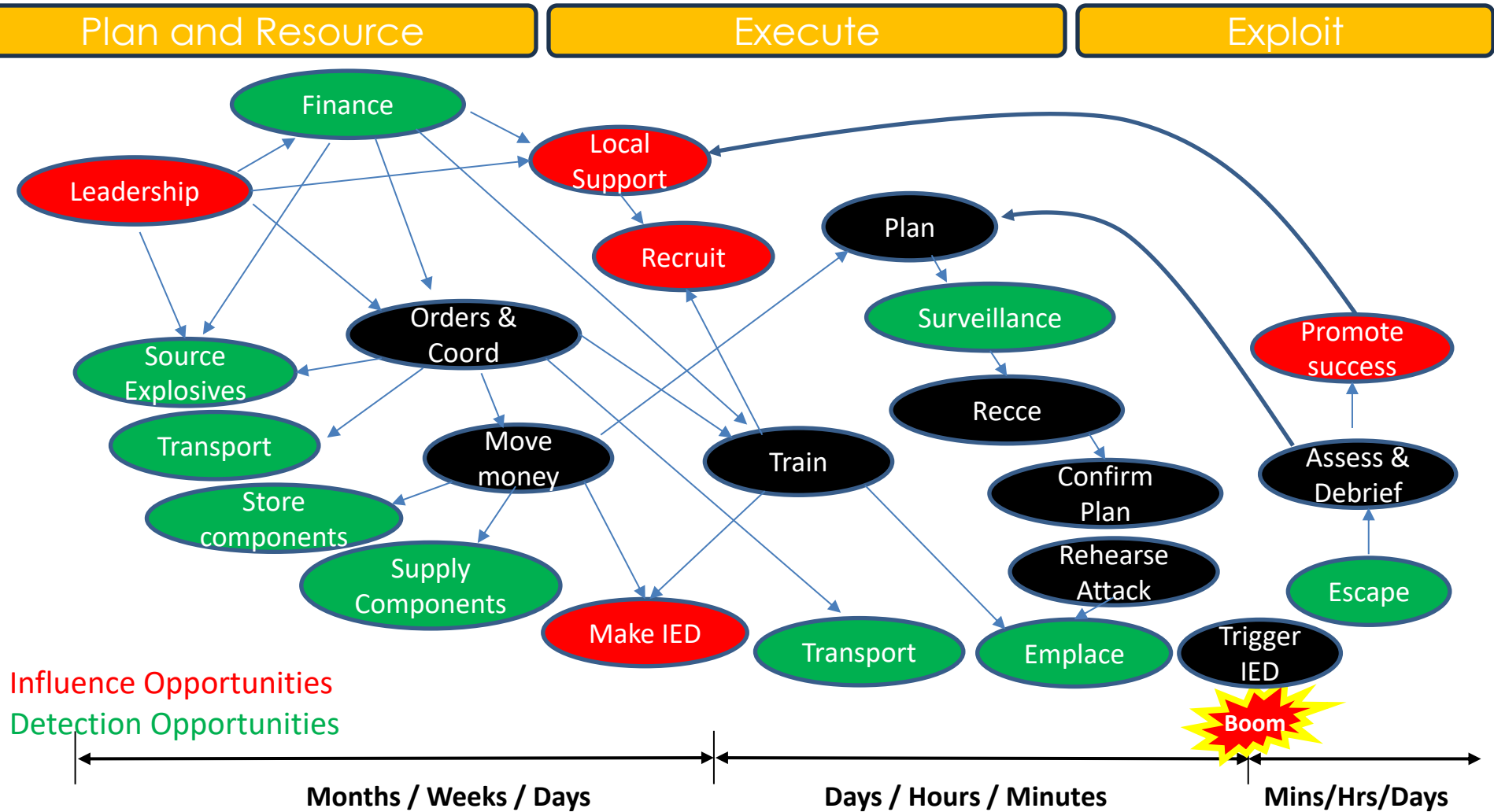
IED Threat System

System Activities



IED Threat System

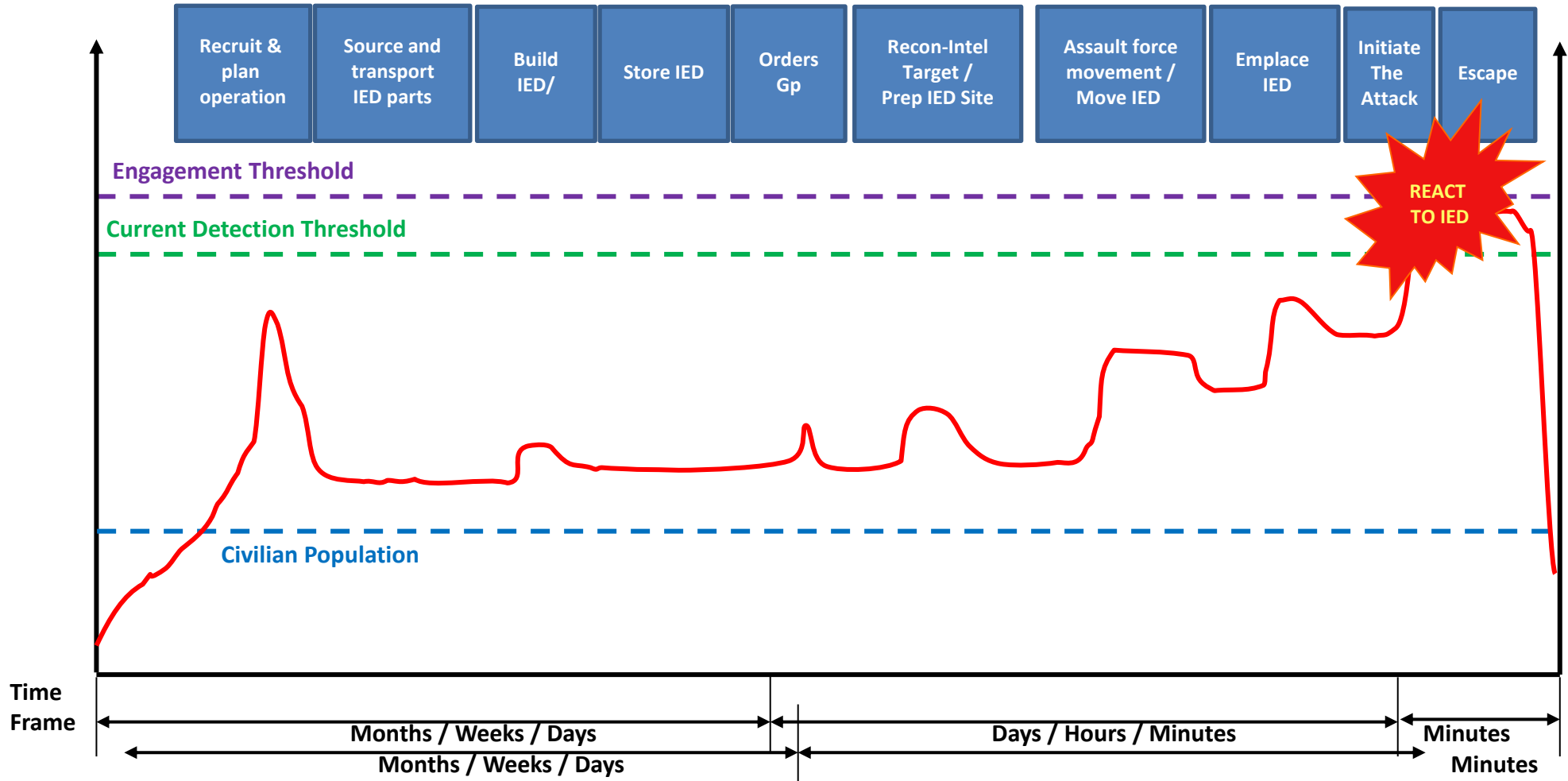
System Activities



IED Threat System

Reacting to the IED System

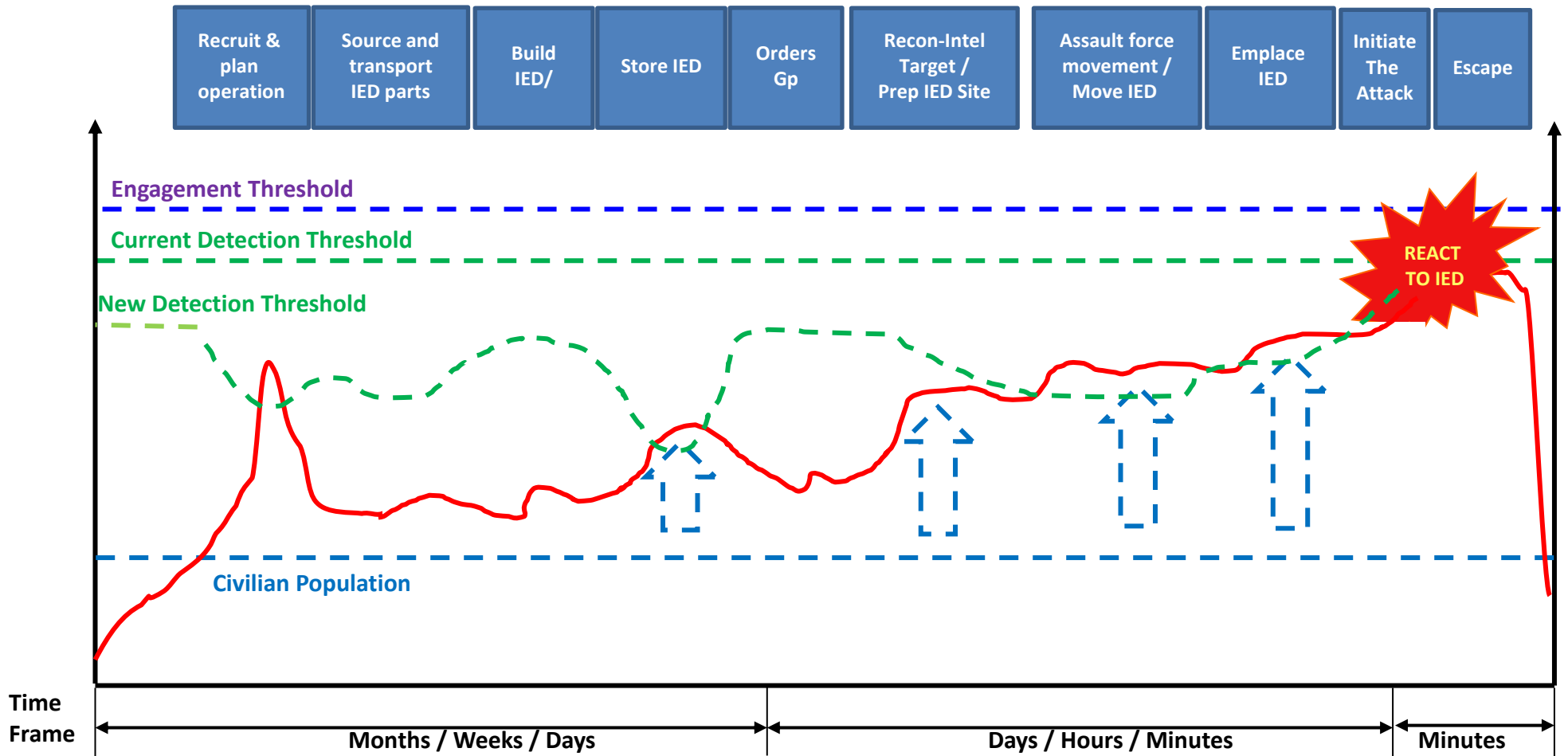
Detectability



IED Threat System

Proactive CIED System operations

Detectability



Questions?



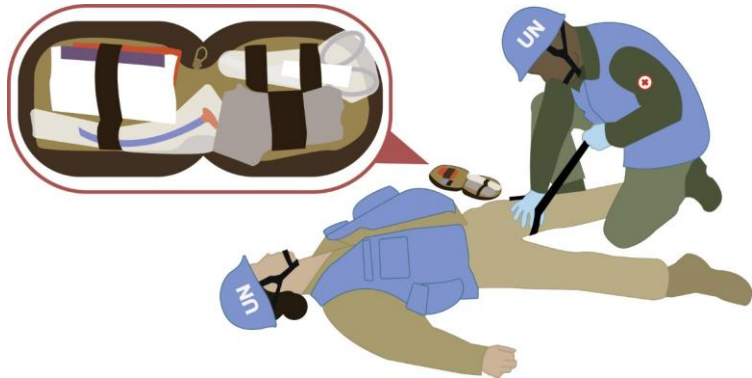


2.2.2 Fundamentals of IED Threat Mitigation

Fundamentals of IED Threat Mitigation

C-IED vs IED-TM

Fundamentals of IED Threat Mitigation



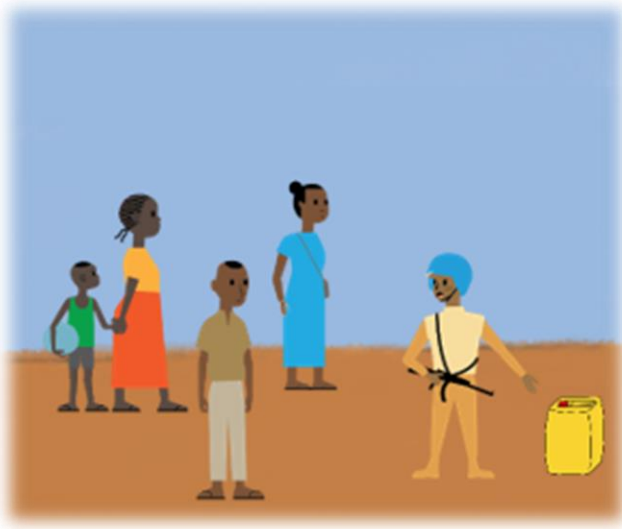
Personal Preparation



Mindset

Protect personnel and property

IED-TM core components



IED risk education and capacity building



Support the host government

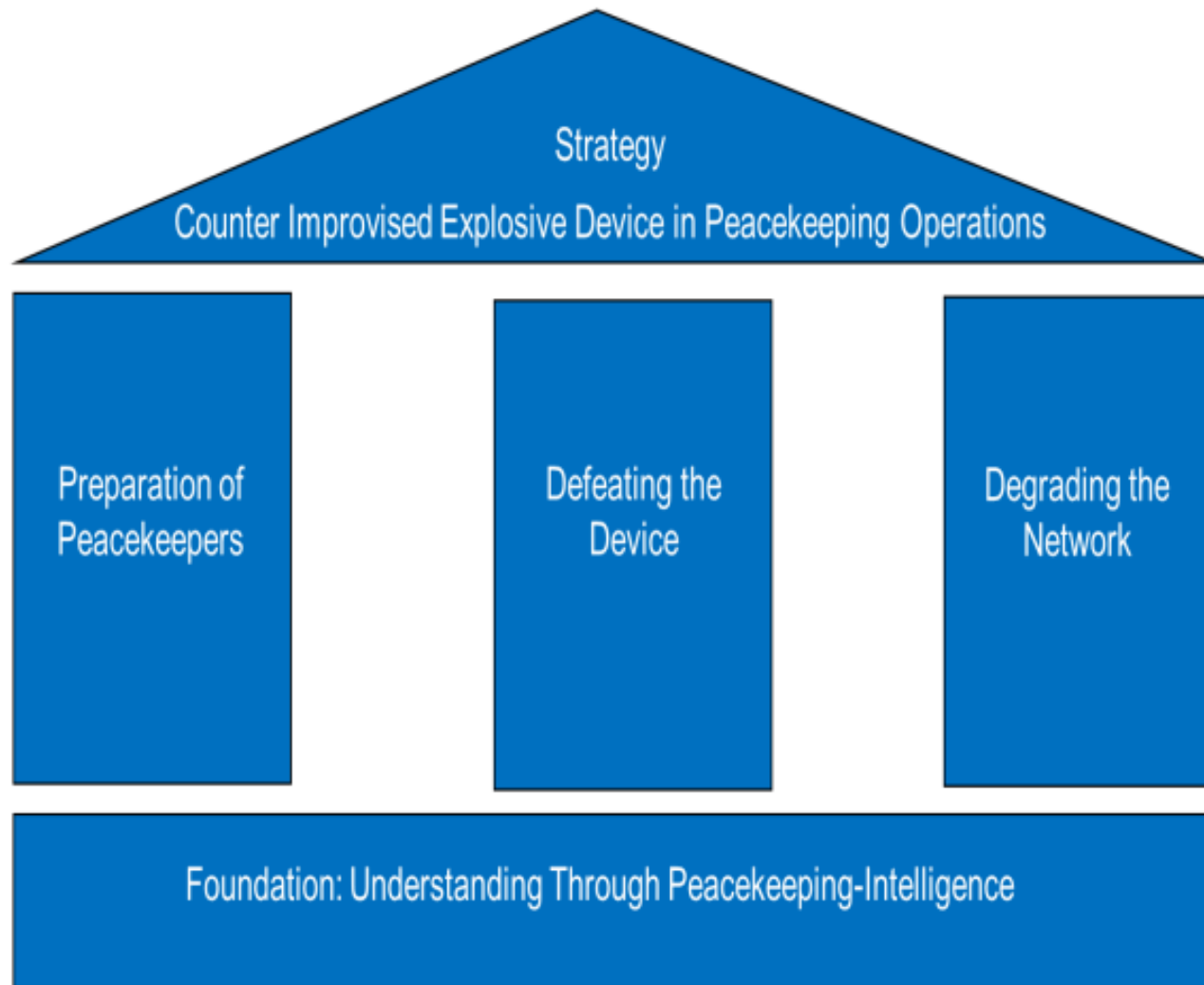




2.2.3 Countering the IED – The Military Approach

Countering the IED

The C-IED Framework



Countering the IED

Preparing the Force



Countering the IED

Defeating the Device



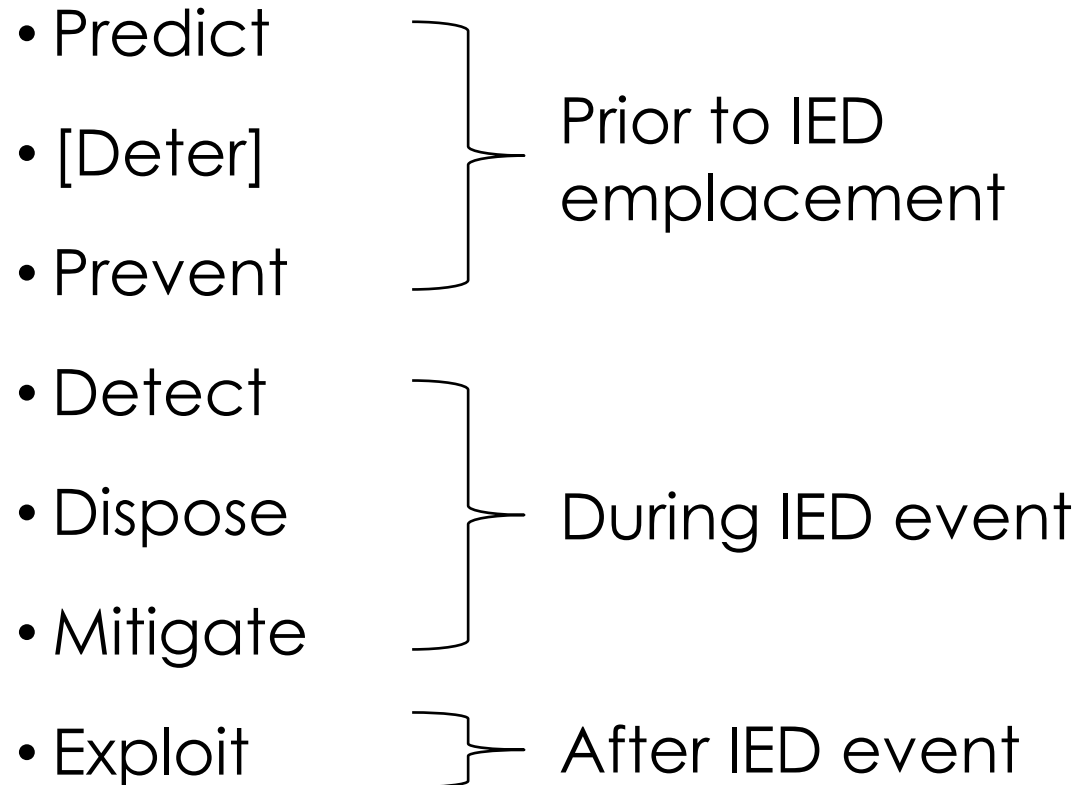
Countering the IED

Degrading the Network

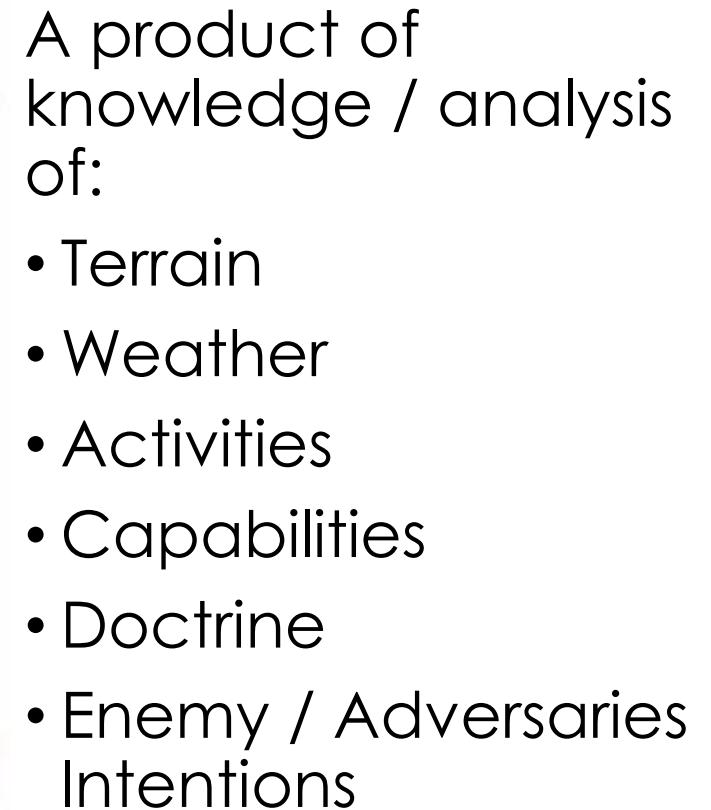


Countering the IED

Key Operational Activities



Predict – Intelligence Operations



Countering the IED

Deter – Kinetic (hard) / Non-Kinetic (soft) Operations

Kinetic (Hard) Activity

- C-IED Ambush Operations
- Targeted Offensive Search
- Strike Operations



Non-Kinetic (Soft) Activity

- PSYOPS
- CIMIC
- Media Operations



Countering the IED

Prevent



- Denying insurgent/terrorist freedom of movement.
- Strike Operations
- Targeted Offensive Search

Countering the IED

Detect

- Hand Held Metal Detector
- UAV/Aviation
- Search Dogs(EDD)



Countering the IED

Dispose



Countering the IED

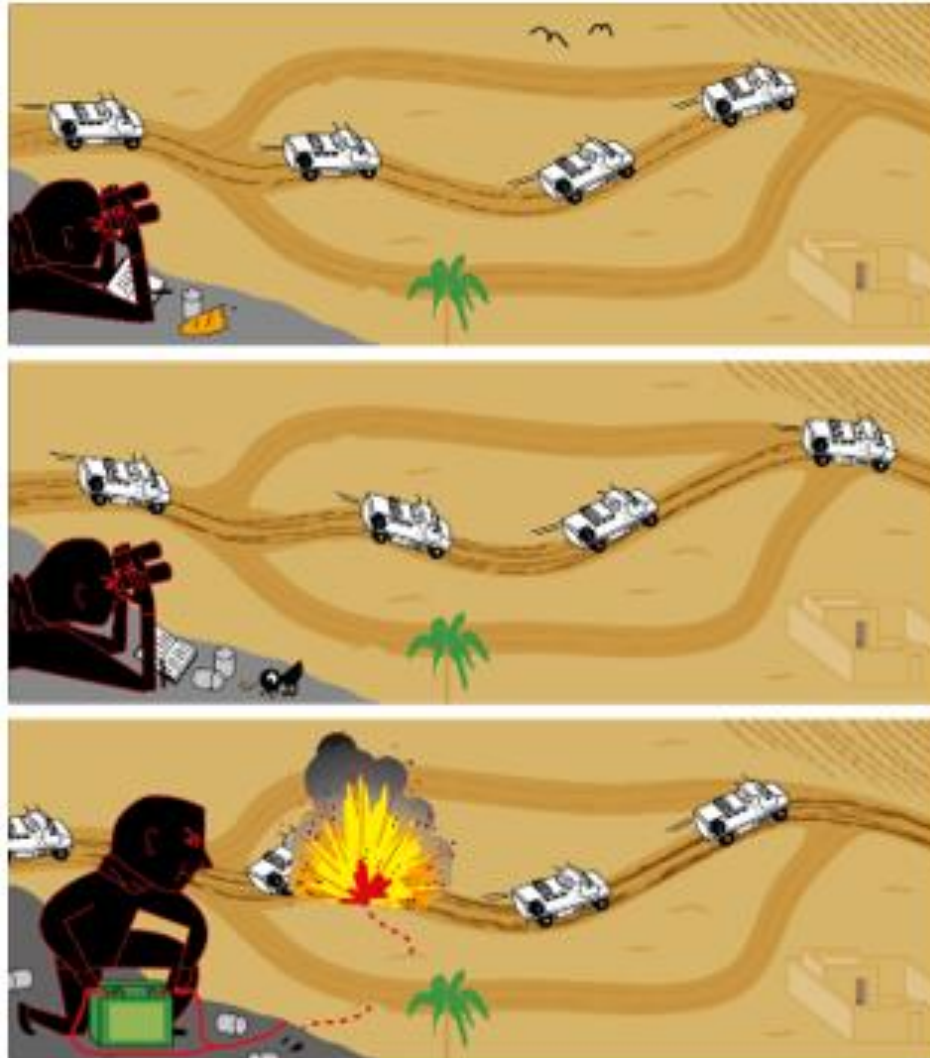
Mitigate

1. Reducing the **chance** of an IED strike.
2. Reducing the **effect** of an IED strike.

Countering the IED

Mitigate

1. Reducing the chance of an IED strike – Avoid setting patterns.



Countering the IED

Mitigate

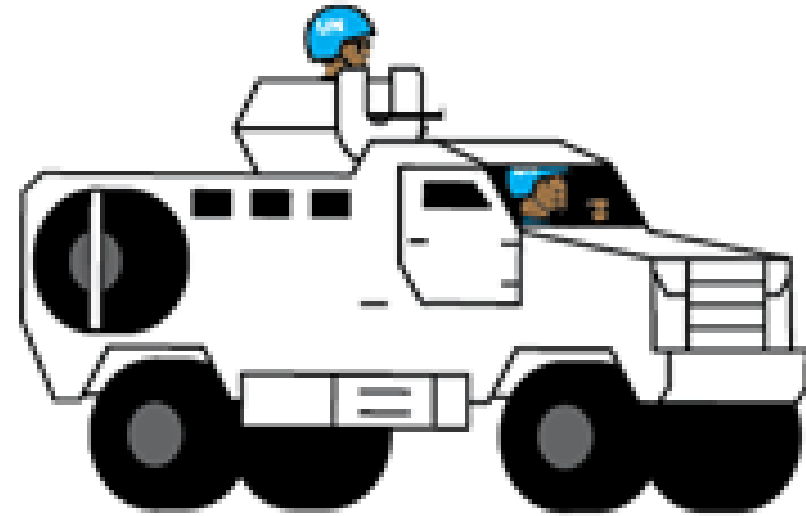
1. Reducing the chance of an IED strike – ECM.



Countering the IED

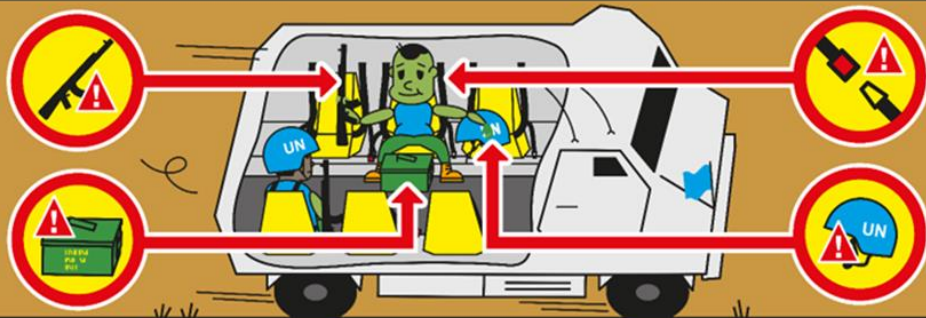
Mitigate

2. Reducing the effect of an IED strike. – Equipment and vehicles





STAY ALIVE!



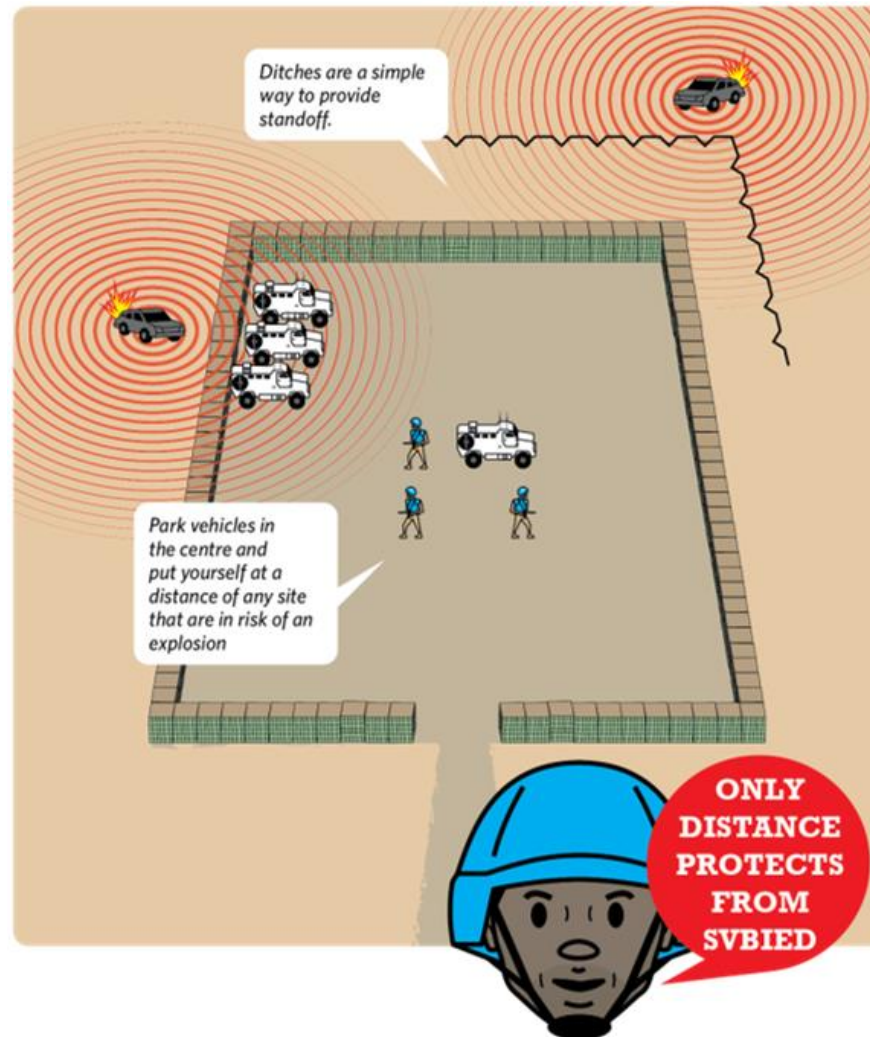
WEAR YOUR
HELMET
STRAP IN
CORRECTLY
TIE DOWN
LOOSE
OBJECTS



Countering the IED

Mitigate

2. Reducing the effect of an IED strike – Infrastructure.



Countering the IED

Exploit:

- Understand IED makers TTPs
- Gather forensic intelligence to enable prosecutions (disrupt the network)



Questions?

