



CNI Scan Programme

Governance: The Invisible CNI

CNI SCAN



Governance

National Security Strategy to Community Resilience

*The ‘golden thread’ of the National Security Strategy stems from the theme of ‘interconnectivity’, be that between security threats, their risks and drivers, the relationship between domestic and foreign policy, the state and the citizen or between the security agendas of the different departments **that comprise the governance engine of the UK.***

Dr Tobias Freakin
Director, National Security & Resilience Department

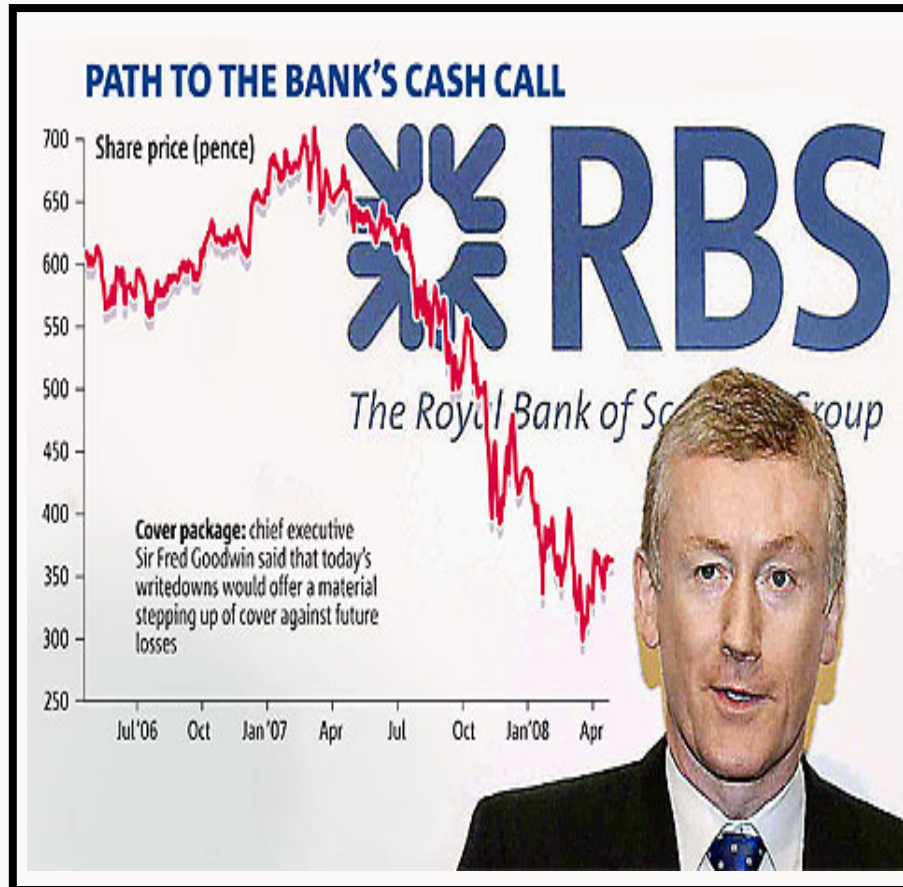
*Thinking about choice architecture is a useful way of framing how central and Local government, Emergency planning Officers and the emergency services can influence an individual or community’s behaviour, especially on issues like risk. And before you think this is a plea for bigger government –pause – **this is a plea for better governance.***

Resilient Nation: Charlie Edwards Head of the Security Programme at Demos.



Invisible Governance has unforeseen Consequence

RBS to MPS.....



CONISCAN

Gold Standard
Resilience. Performance. Leadership.

Invisible Governance has unforeseen Consequence *ICT to BBC.....*

Hospital boss apologises for NHS IT Problems Staff have been caused "heartache" and hospital has lost £10m due to botched rollout of summary care records *Computing Feb 2009*

The Butler Group found IT governance was usually deployed only within IT departments, leading to a lack of coordination between the IT-led elements and the wider Management of business transformation initiatives.



What is the CNI?

A Shared and Complex System of Systems

The national infrastructure is the underlying framework of facilities, systems, sites and networks necessary for the functioning of the country and the delivery of the essential services which we rely on in every aspect of our daily life.

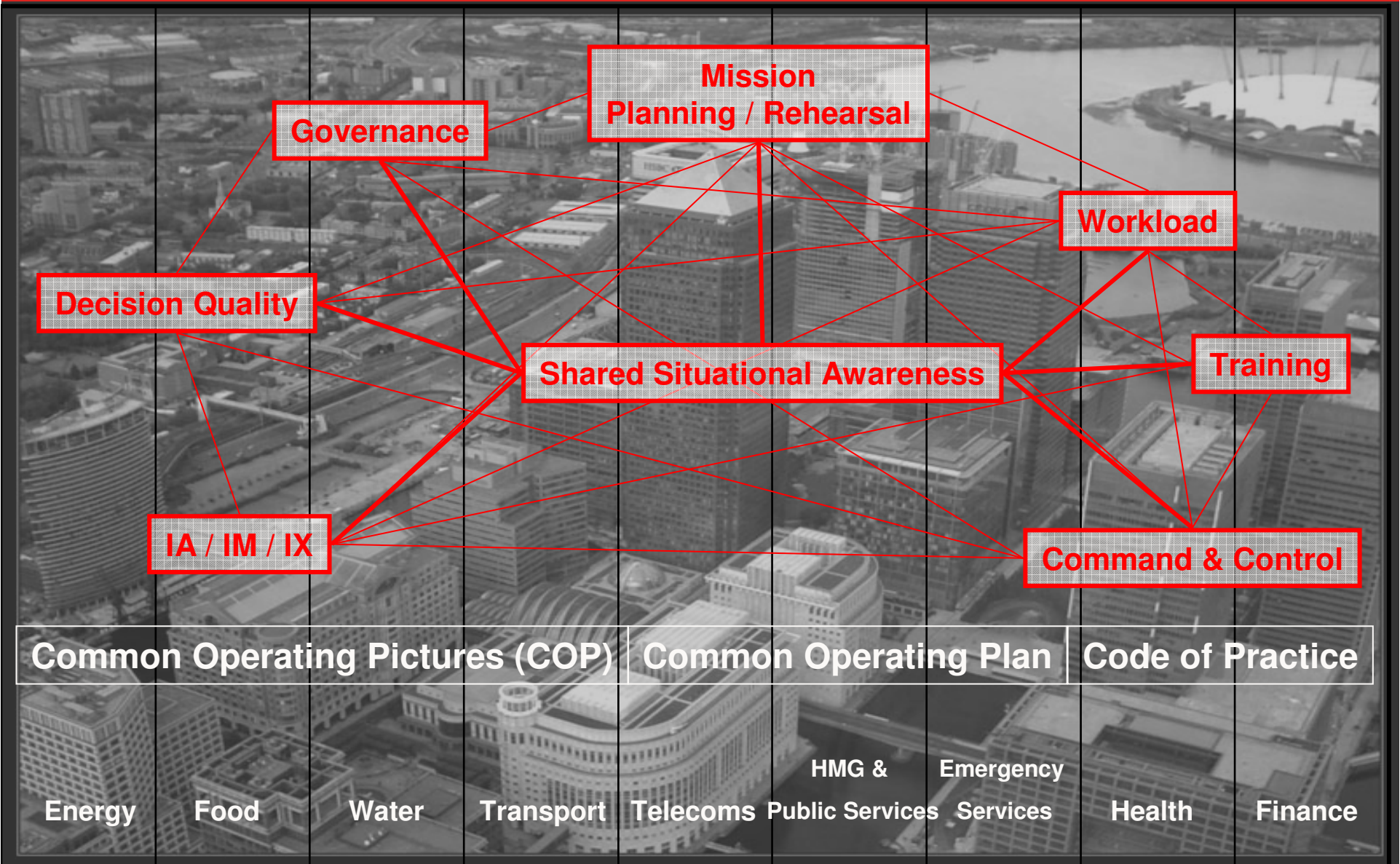


Source: CPNI



Where does Governance Sit in this Complexity?

Everywhere: but it's not easy to see



Compounded by Control NOT with any Single Entity

Individual asset to International 'System of Systems'



International CNI 'System of Systems'

National CNI 'System of Systems'

Regional CNI 'System of Systems'

Local CNI System

Individual CNI Asset

Energy

Food

Water

Transport

Telecoms

HMG &

Public Services

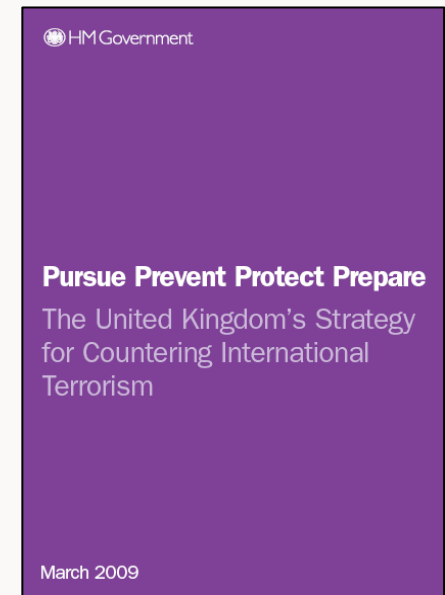
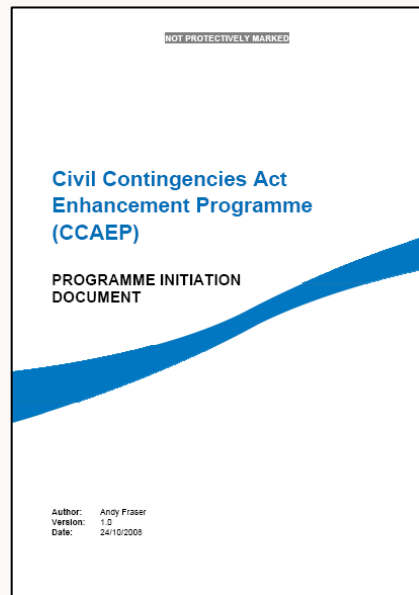
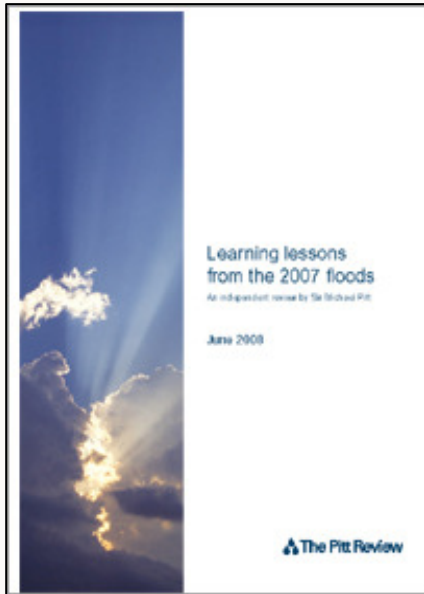
Emergency

Services

Health

Finance

Security & Resilience of the CNI is firmly on the Agenda *Pitt, CCA, National Security Strategy & CONTEST (2)*

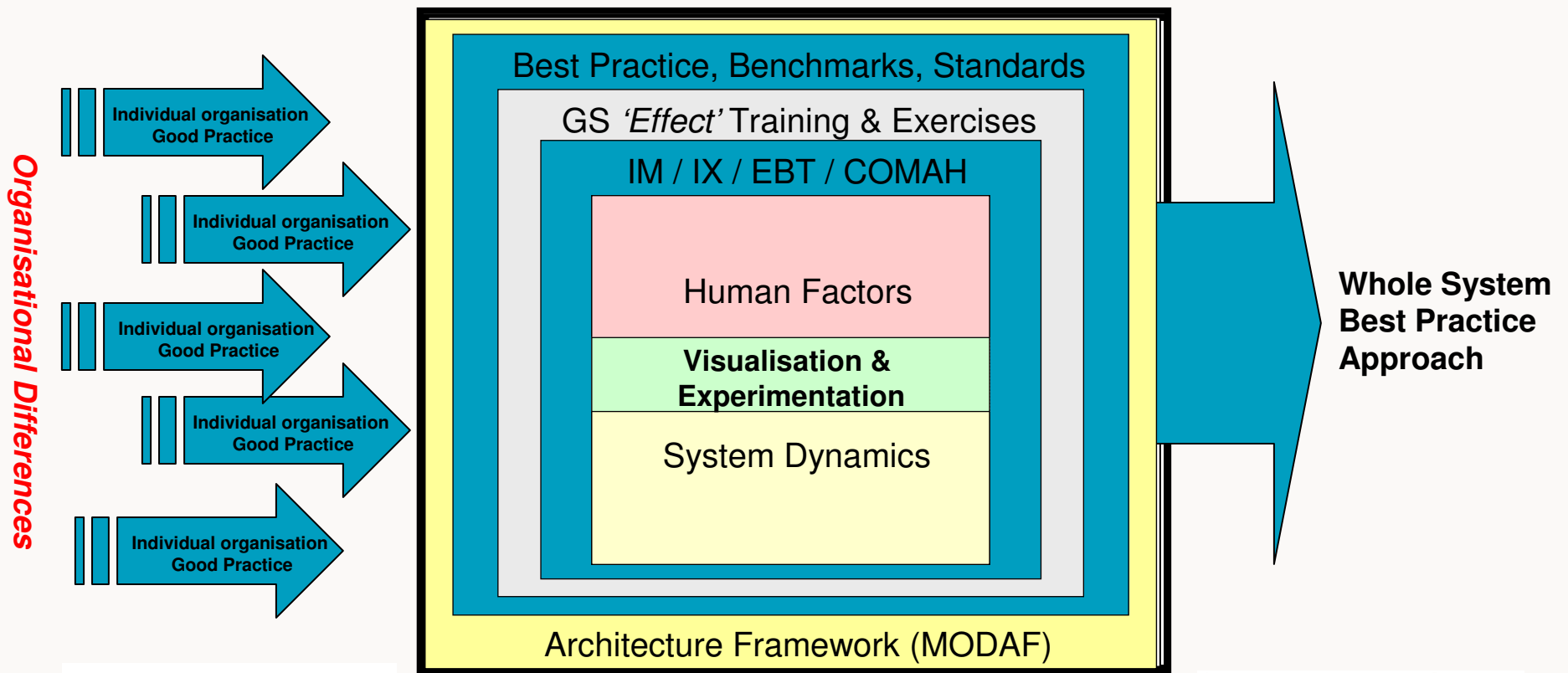


Understanding its Structure & Dependencies is our *Enterprise Wide, System Level, All Hazards Approach..*

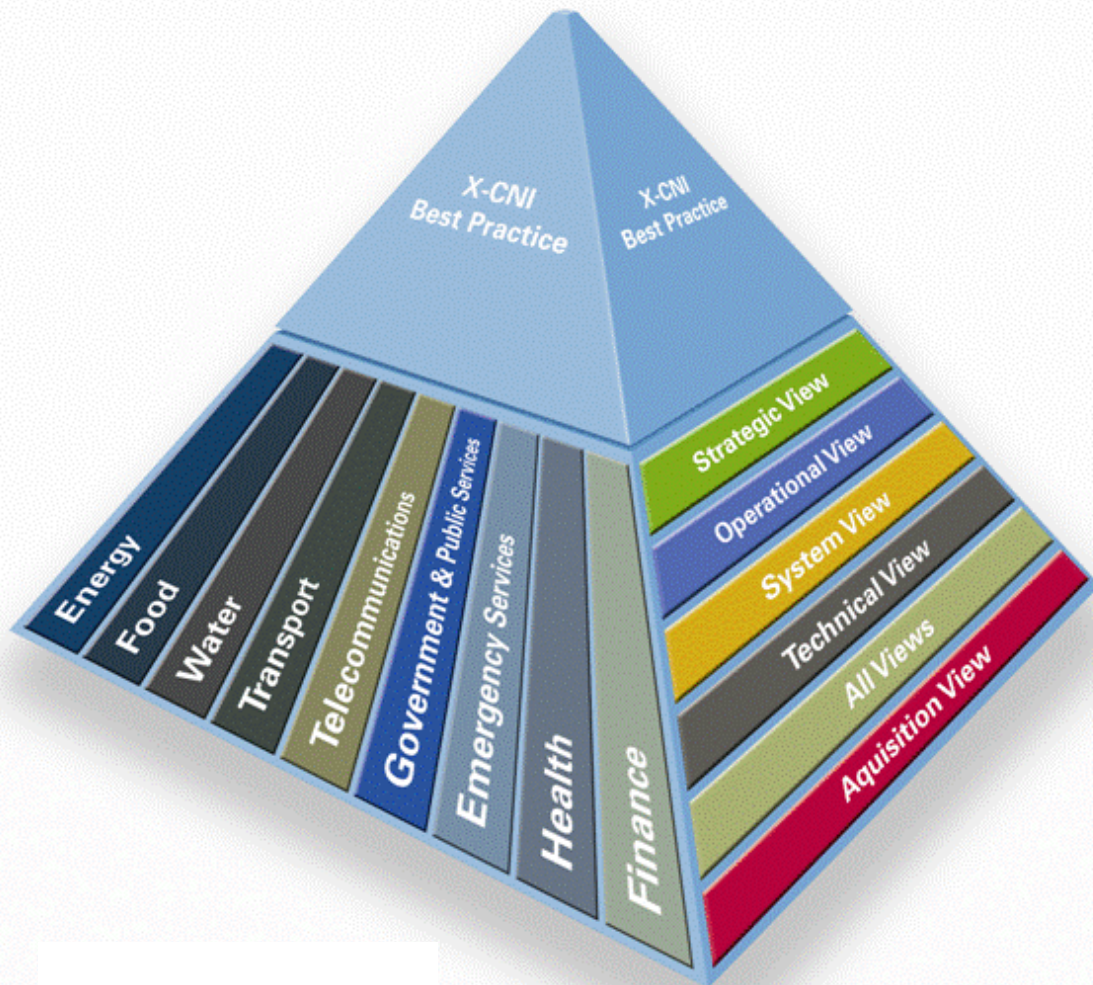


An Interoperable Toolkit....

To Capture, Identify, Visualise and Support Best Practice



Capturing the CNI 'System of Systems' in Multiple MODAF Architecture Framework – liaising with DG



There are already some positive industry led cross-sector coordination activities, such as the CNI Shared Capability Advisory Network (CNI Scan)

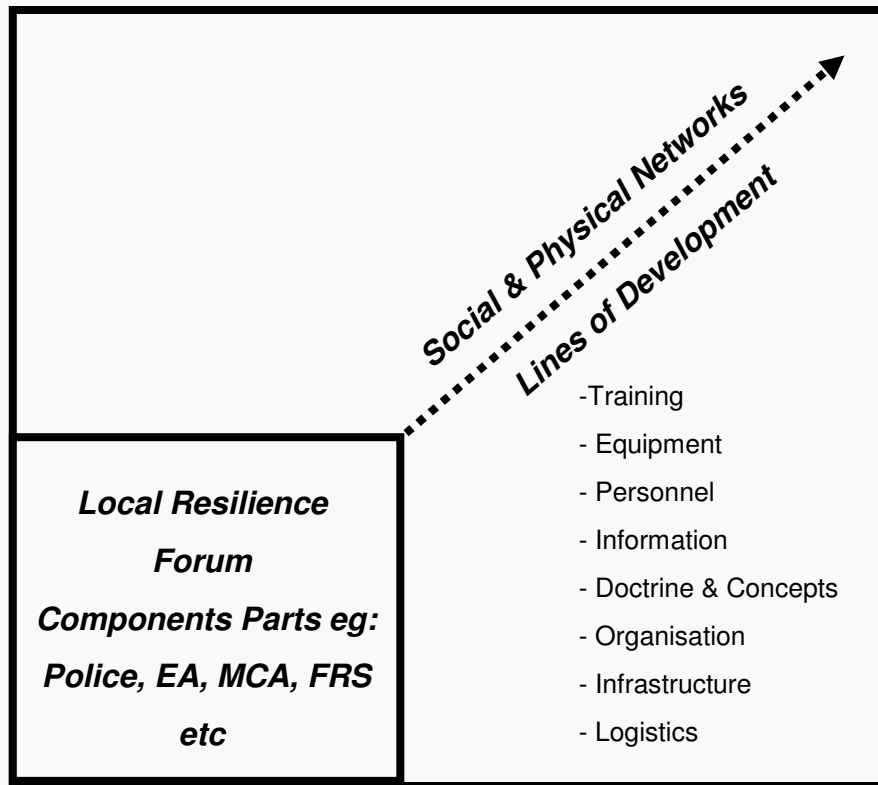
Pitt Review, Cabinet Office '08

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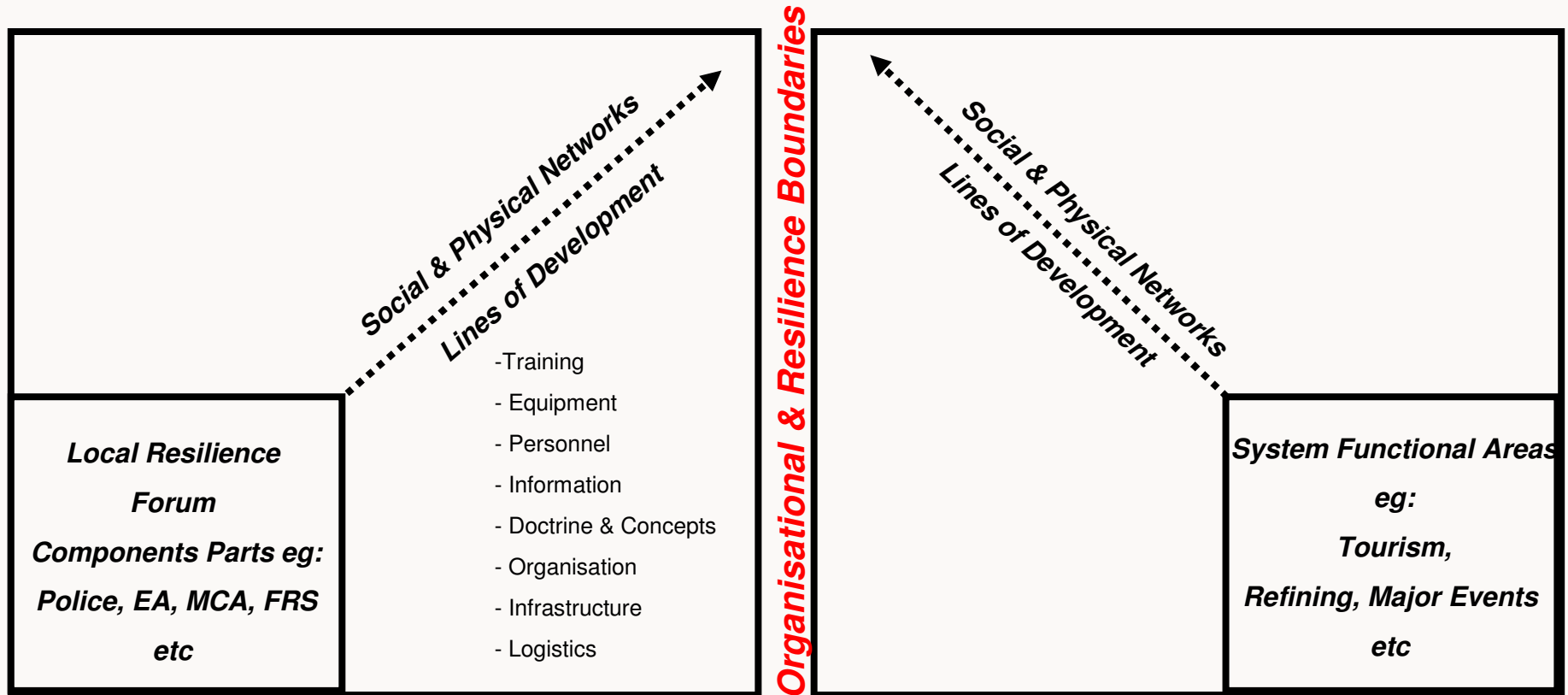
Bringing Simplicity to its Complexity

Component Parts



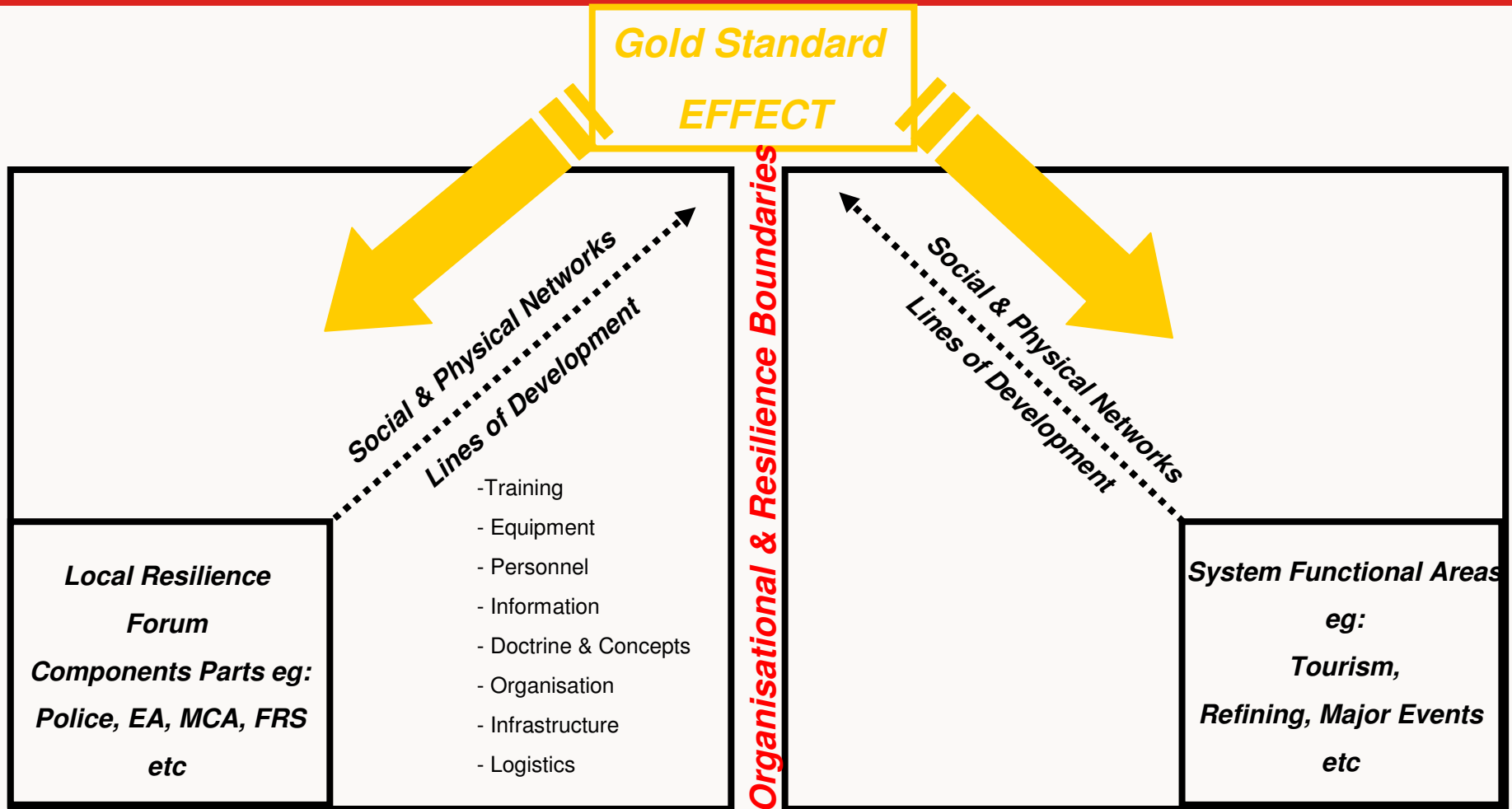
Bringing Simplicity to its Complexity

Component Parts – Functional Areas



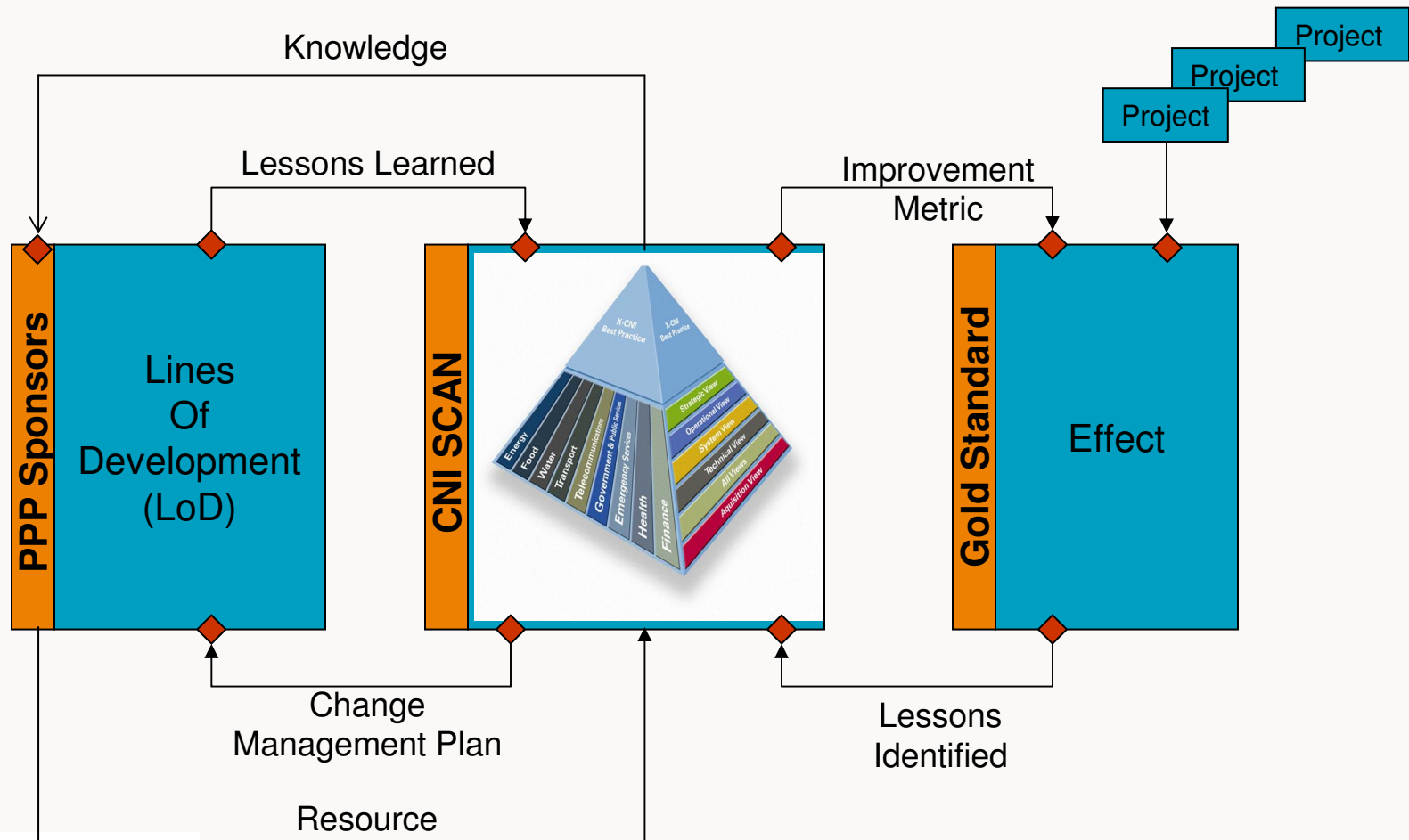
Bringing Simplicity to its Complexity

Component Parts – Functional Areas

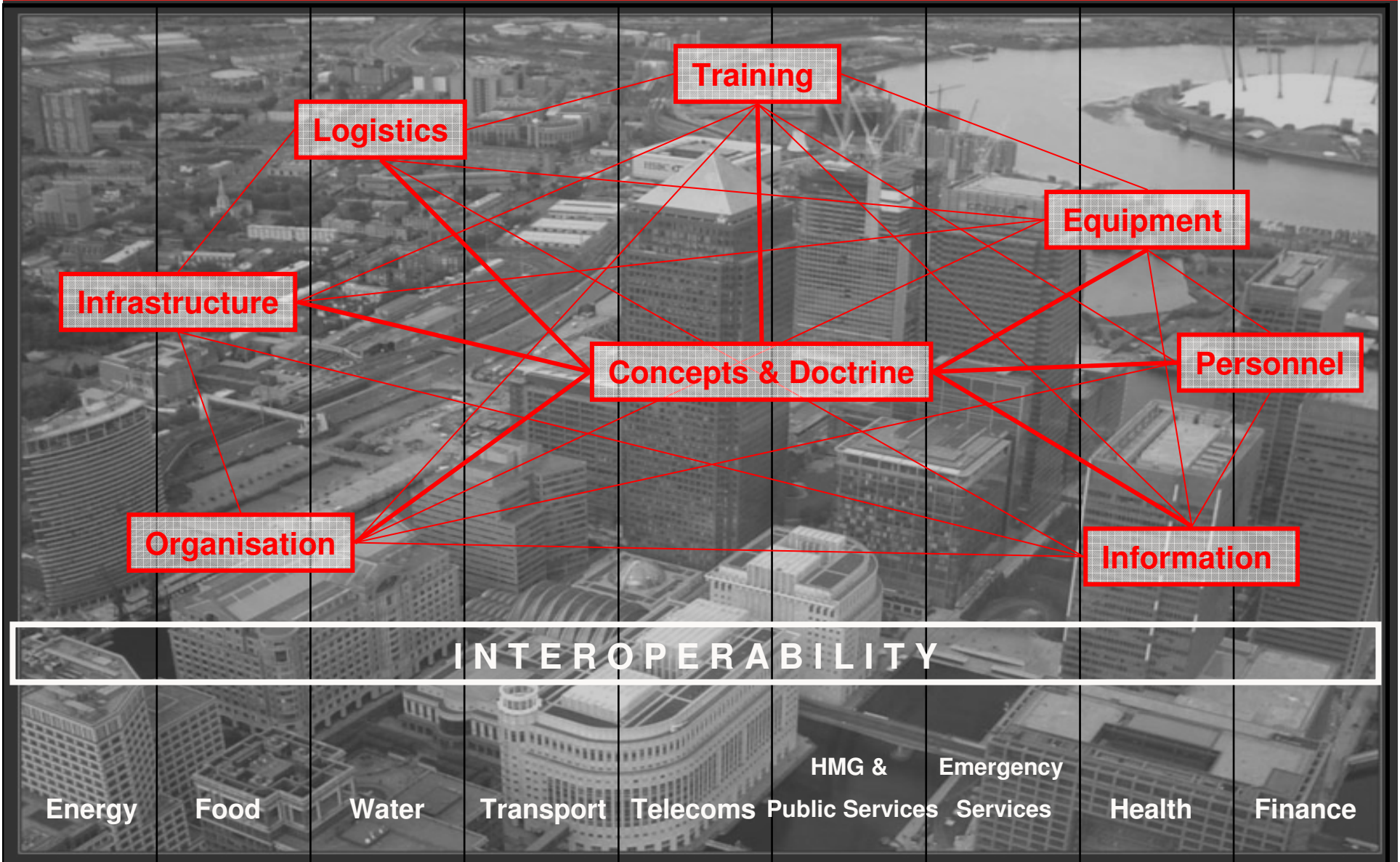


Lessons Identified Lessons Learnt

A Framework for Continuous Improvement



Reducing Vulnerability – Increasing Resilience *Across the System Lines of Development*





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