

Agile Command Capability

Future Command in the Joint Battlespace and its Implications for Capability Development

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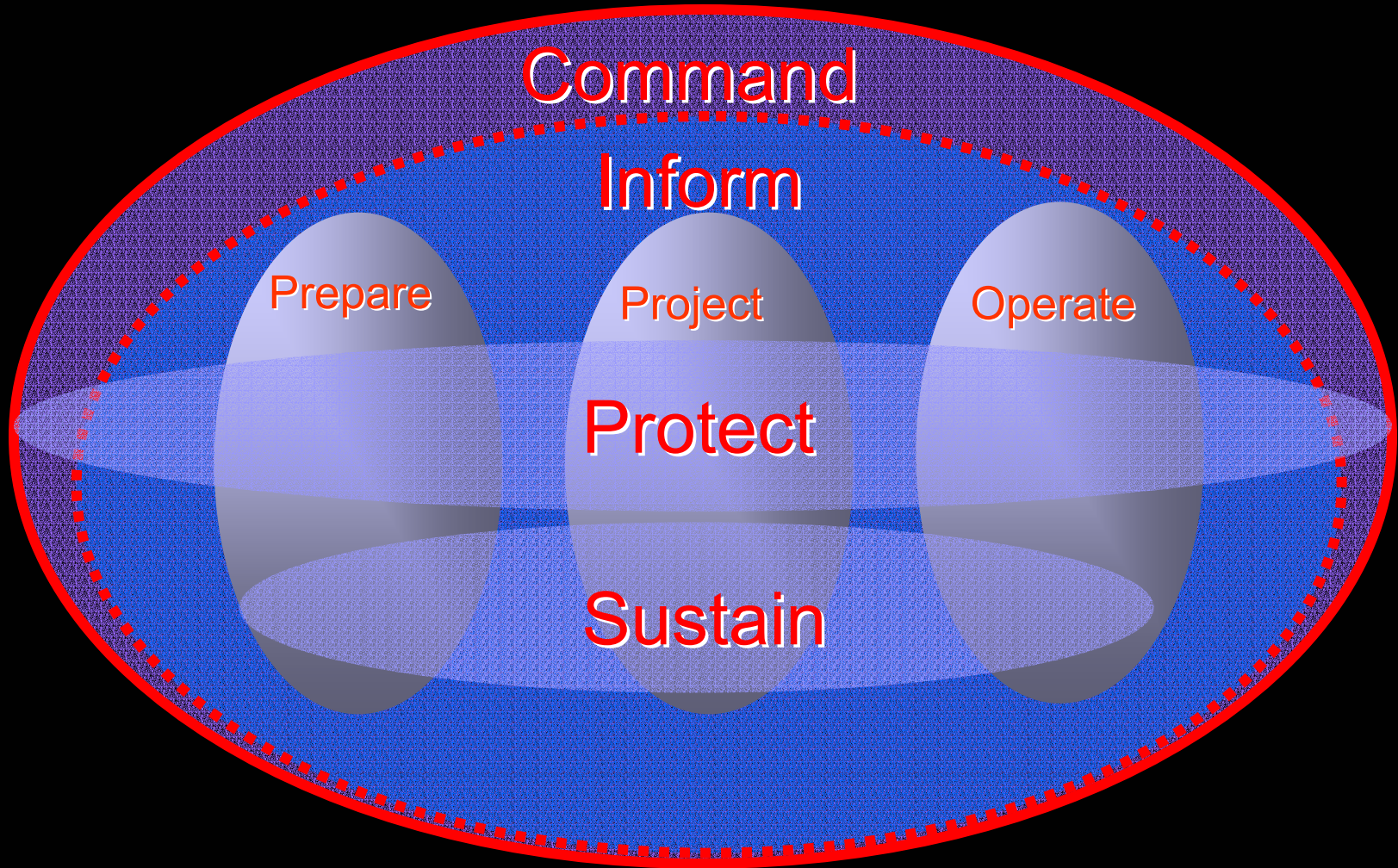
Command and Battlespace Management

Mission

To improve the way we command and manage the Joint and Multinational battlespace, both now and in the future

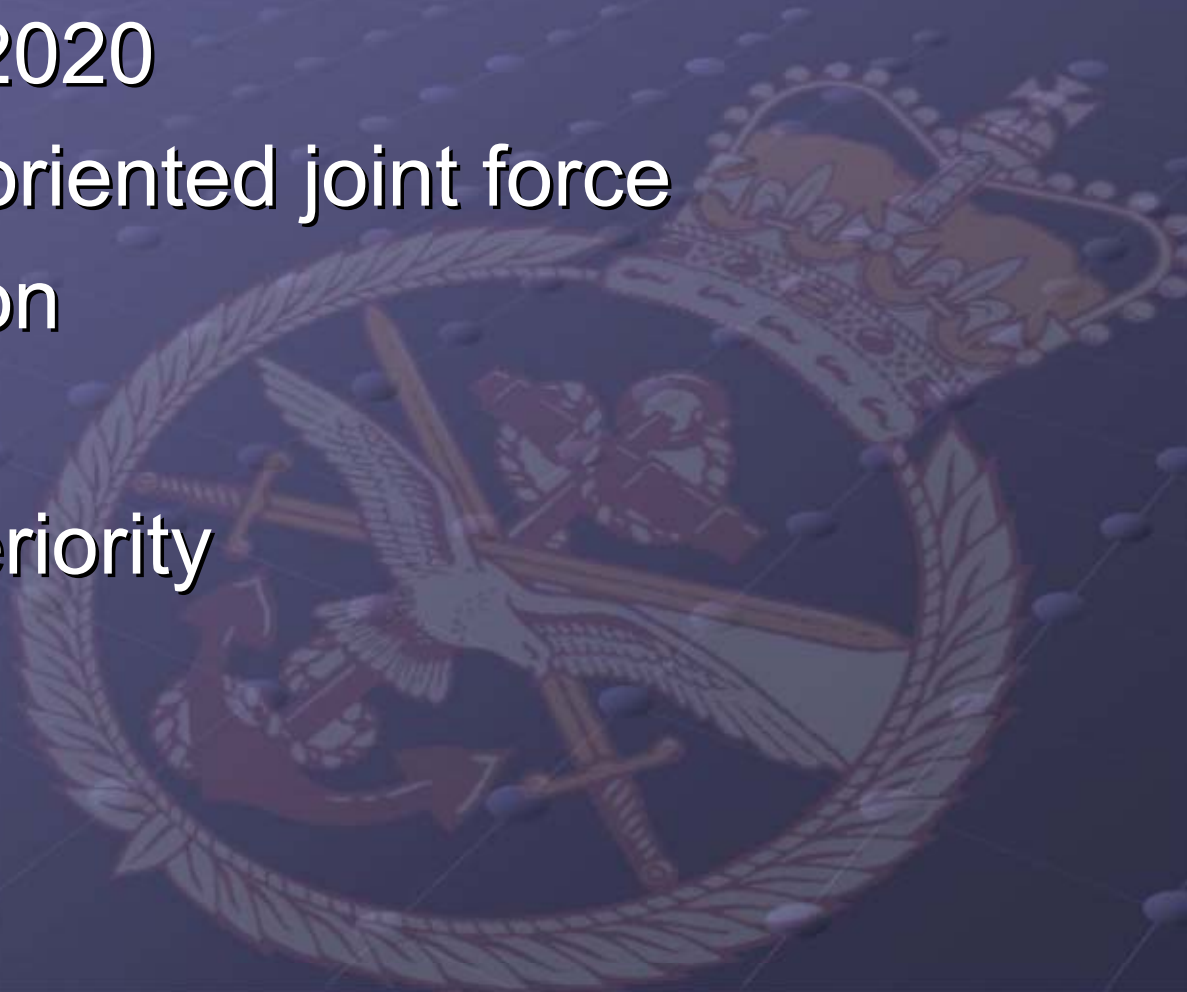


Defence Capability Framework

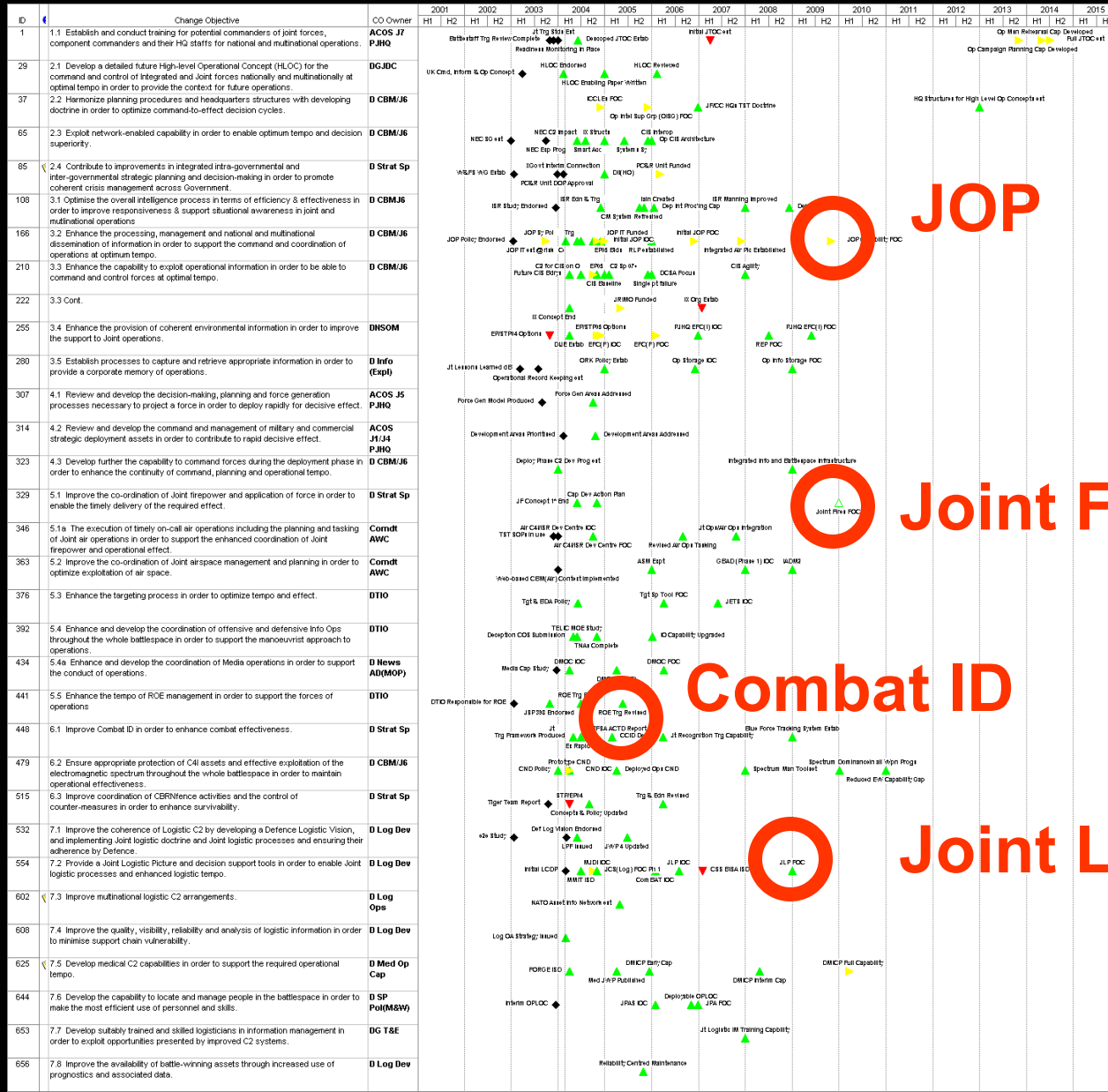


Higher Level Operational Concept

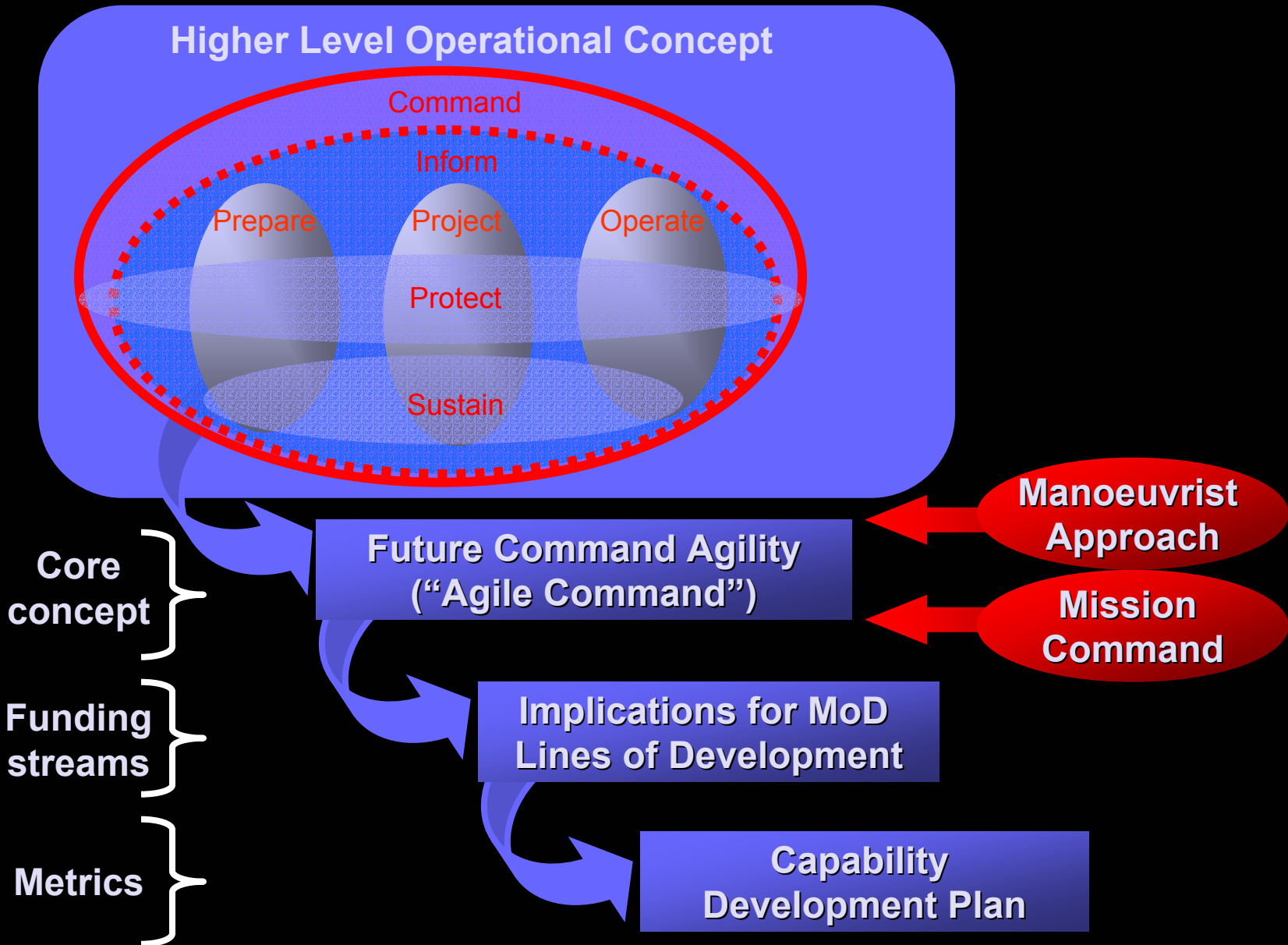
- Transformation Headmark for UK operations in 2020
- An agile task-oriented joint force
- Synchronisation
- Adaptive C2
- Decision Superiority

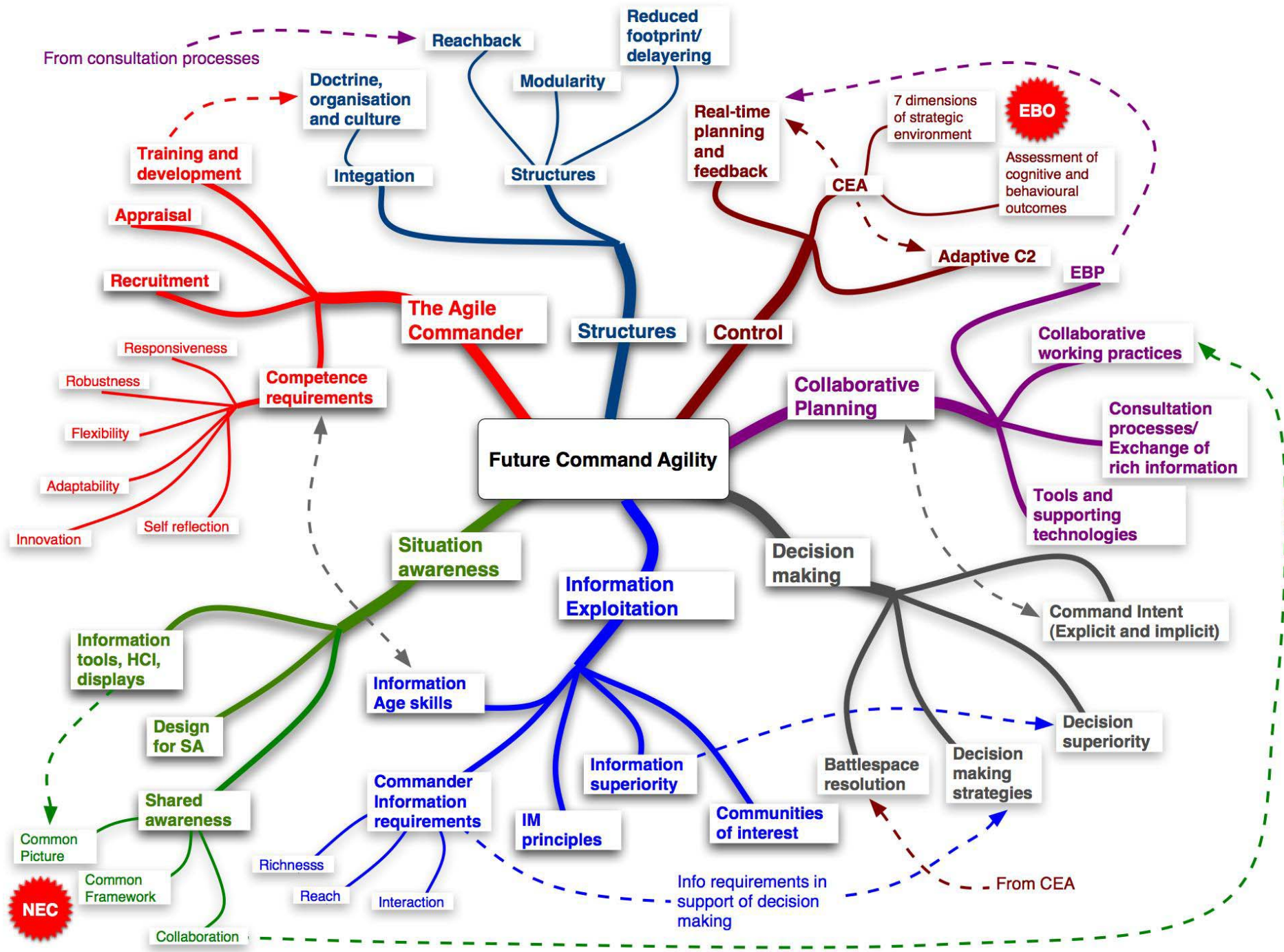


MOD CBM Programme

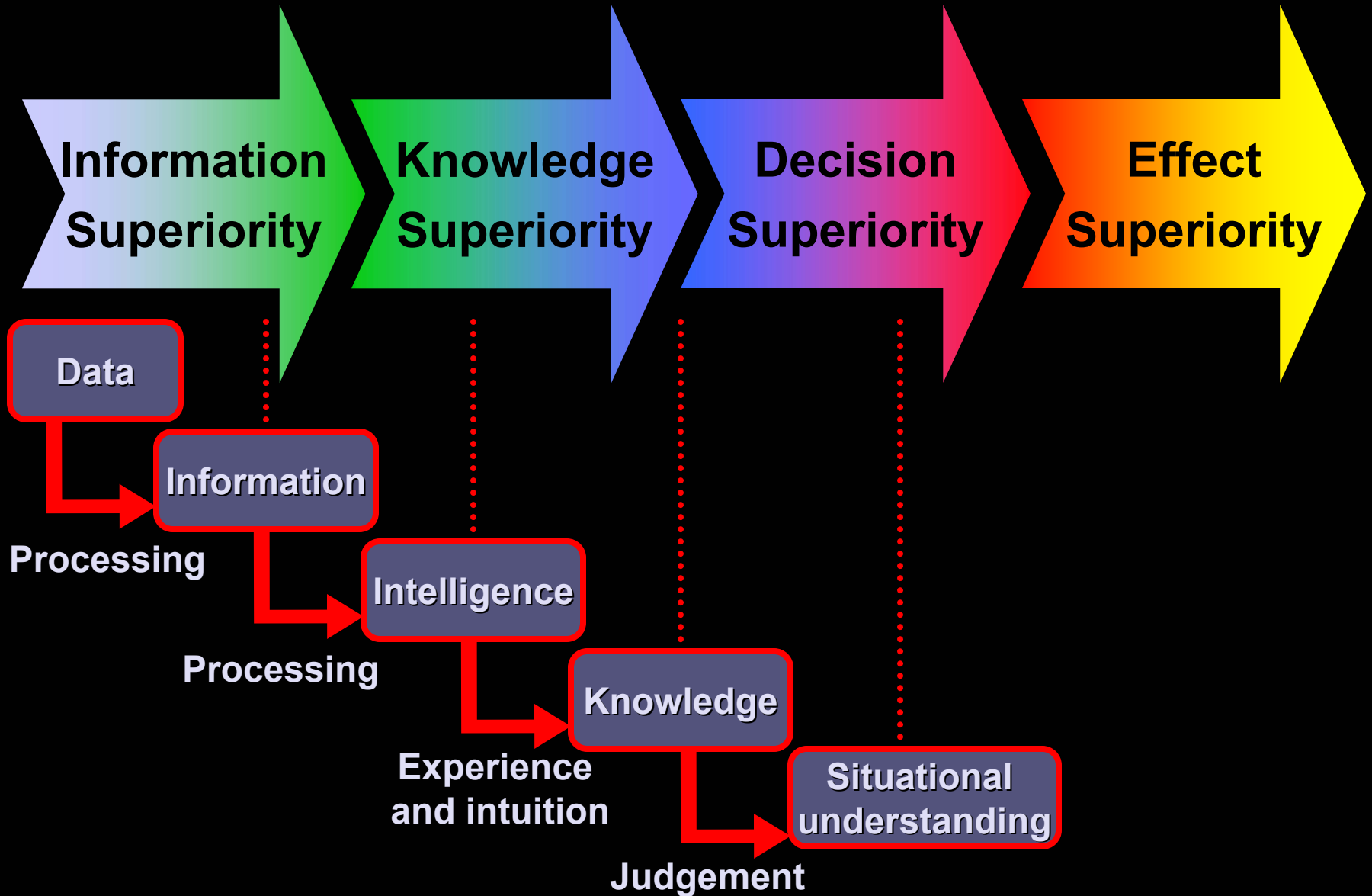


Framework for Future Command Concept

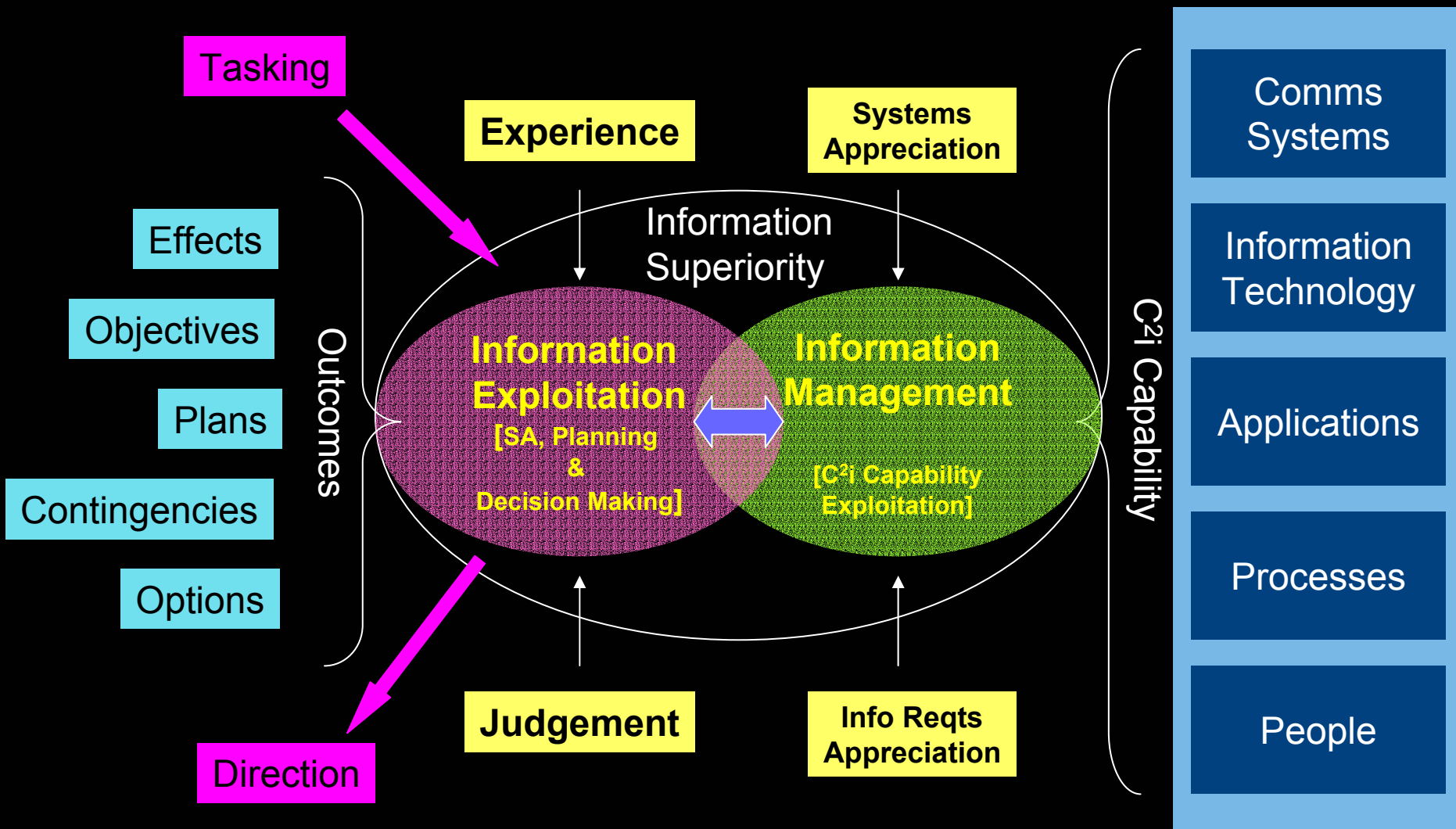




Command concept



IX/IM in Support of Command



Agile Command Pillars

**Awareness/
Understanding**

Procedures and
Training to optimise
Combat ID

Devices that
support exchange
of 'know how'

Procedures and
protocols for
Collaborative
Planning

Structures and
procedures for
Joint Fires

Selection,
appraisal and
careers

**Agile
commander**

Behavioural effects
within CEA

Agile command
concepts,
doctrine in CT

IX

Co-ord of ISR
assets

Agile Commander
and Staff
competences

Dynamic Joint
Ops Picture

C2

**Decision
making**

Alignment of DM
at strategic levels
-legal, military,
political

Synergy of coalition
structures and
processes

Integration

Processing,
management,
dissemination of info
for Decision Superiority

Structures and
processes to
optimise
operational tempo

Compatibility of
EBP with strategic
planning and
decision making

Mission
rehearsal for JC,
JTFCs, JFCCs

Velocity of E2E
Logistic
mechanisms

Training of
doctrinal,
organisational and
cultural issues

CIE for negotiation and
joint problem solving

Reflections on MNE03

- Effects Based Operations
 - Understanding of overarching concept
 - Need for a coherent Pol/Mil, Joint Framework
- Distributed Planning
 - Potential for horizontal and vertical planning collaboratively and simultaneously
 - “Collaborative Information Environment” a good idea (IWS good)
- *But...*
 - Emerging facility to store and manage ‘infinite’ amounts of data can confuse
 - Planning process can become a production line - impact on operational tempo
 - Need to visualise information in a commander-friendly way (currently view through a “drinking straw”)
 - New skills and abilities - conveying Intent, score-back, trust

Reflections on MNE03 *(cont'd)*

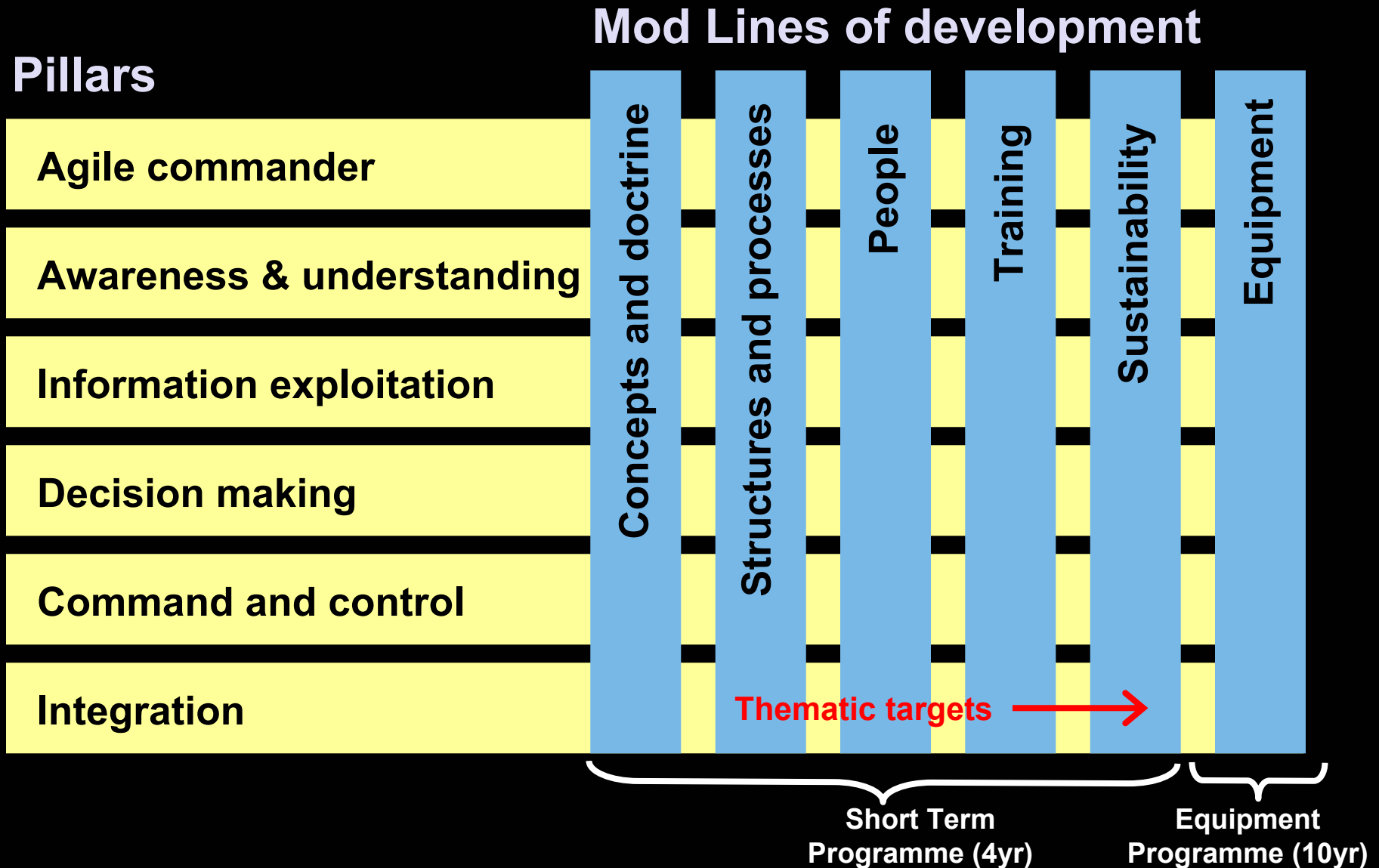
- Structures

- New Staff Structure: from Napoleonic J1-9 to 4 (Ops, plans, knowledge management and Information Superiority) - Boards/Centres/Cells approach?
- Need to accommodate IM and IX functions - Information Superiority
- Knowledge Management within an HQ is increasingly critical for networked ops

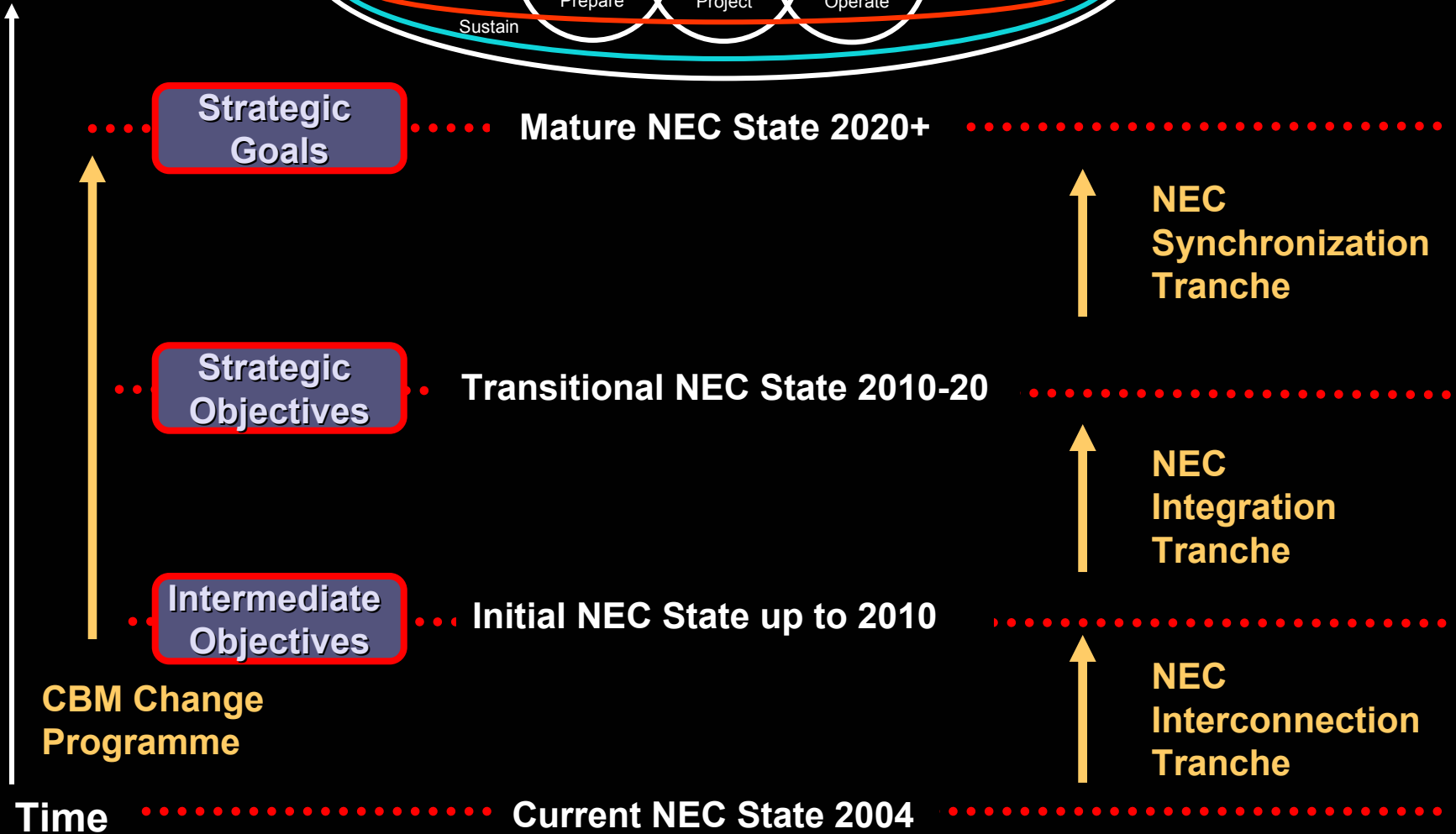
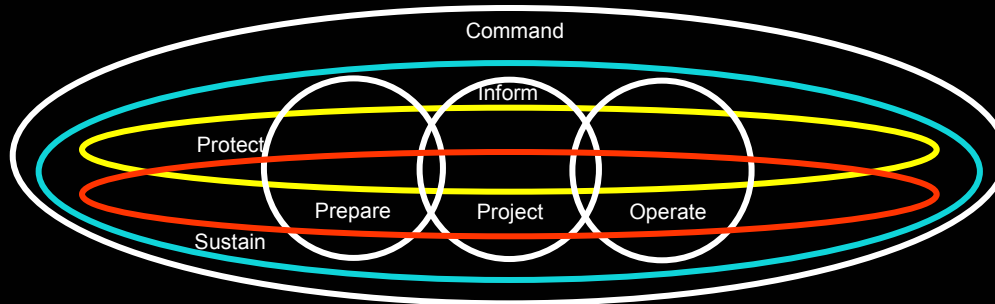
- ONA

- Each MNE country developing different ONA's: *should* give same end product, but fusion lengthy and expensive.
- Problems with reliability of information: Comd will want to know provenance. How does it fit with intelligence protocols? Trusted source?
- Probably when it can make links and relationships available which would not otherwise be obvious.

Framework for Capability Plan



Agile Command Capability Routemap



Main Effort

- Selection and Training
- Collaborative Working
- EBO and metrics
- Joint Operations Picture (JOP)
- HQ structures

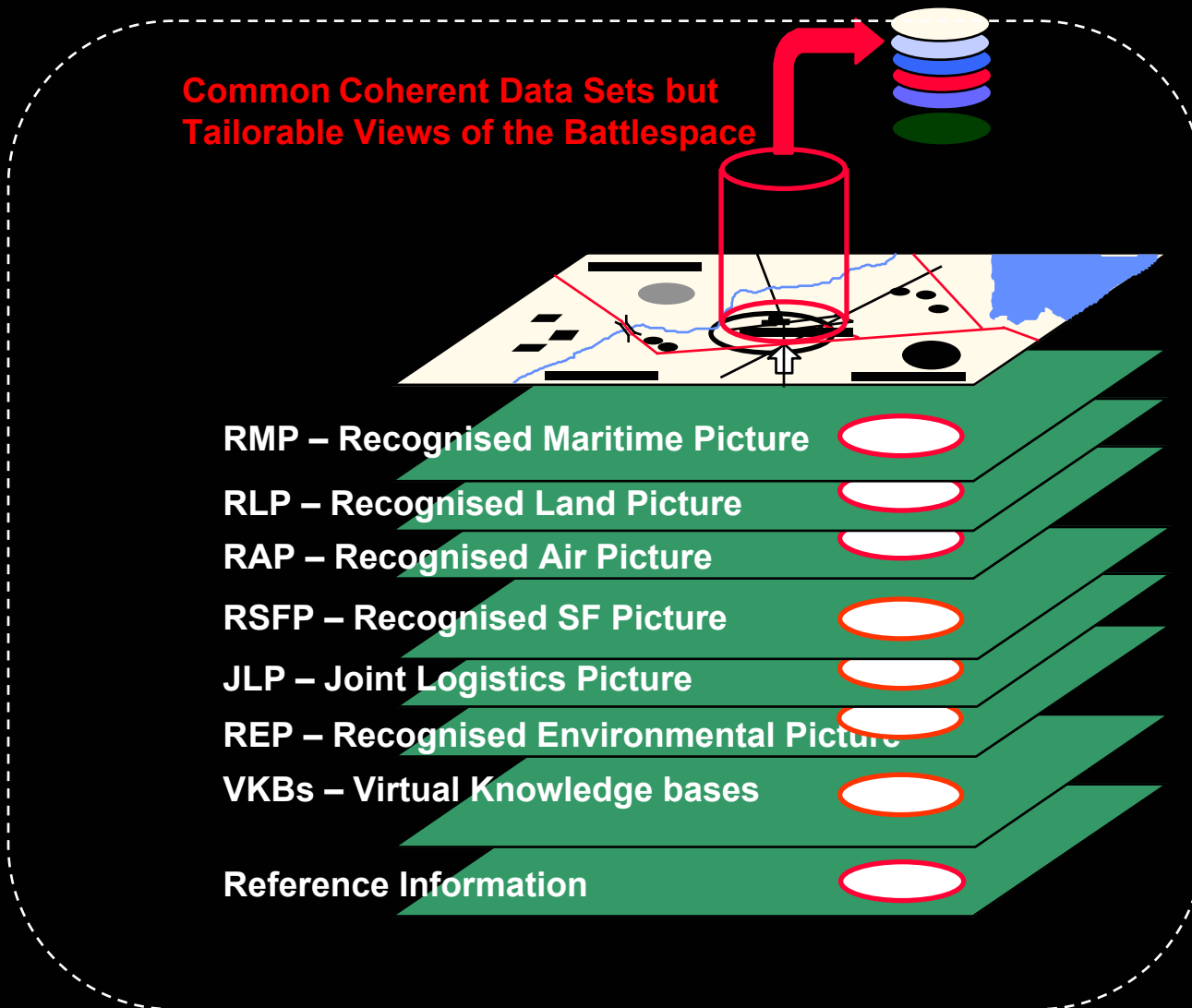


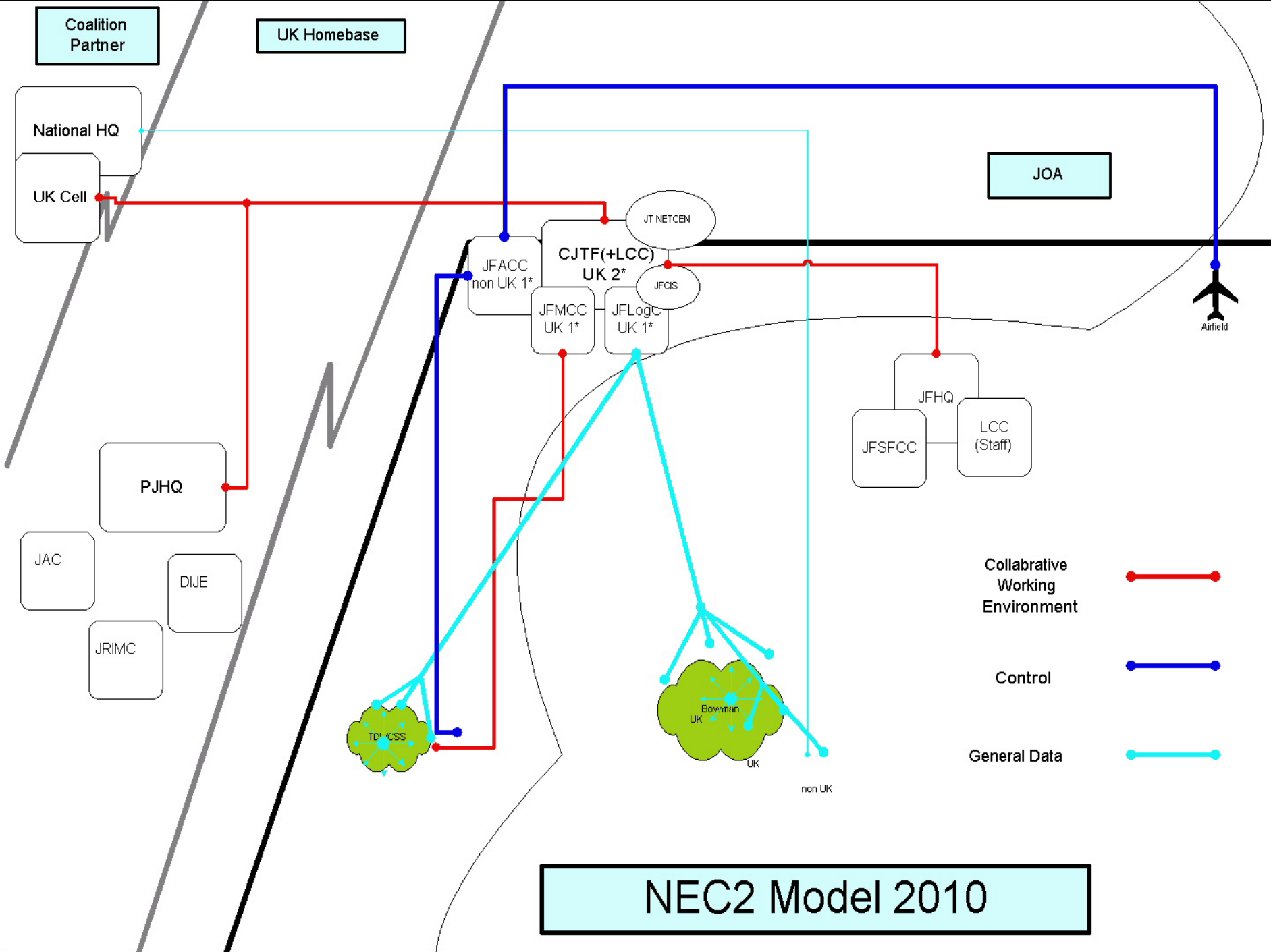
Joint Experimentation Framework

DCF Component	JFDA Expt Priority	JFDA Priority	Question ID	Questions for Experimentation	Status	Source	Remarks	Urgency	Expt Opportunity	
command	Evolve the organisation and structure of HQs within the battlespace in accordance with emerging operational needs and concepts in order to deliver optimal effect.	Very High (2)	2	1086	How must UK structures and processes for EBO develop to ensure the necessary synergy with US (and other coalition partners) planning and execution of future operations?	C	JDCC	Q is linked to 1067, 1027, 1074 & 1120. CBM to seek more Qs from Comd Dev.	H	MNE03
			2	1074	What new structures, processes and layers of command are required to optimise the tempo of EBO?	C	JDCC	Q is linked to 1067, 1027, 1074 & 1120. CBM to seek more Qs from Comd Dev.	H	MNE03
			2	1059	How can EBP processes be integrated into future operations from 2005, in order to maximise its exploitation? In particular relation to future HQ structures and processes, coalition operations, future network capability, supporting tools and equipment.	C	JDCC	Note change from DAES to JDCC	M	MNE03/ NW
			2	1068	What structures are appropriate to the needs of EBO, optimum tempo and adaptive C2? What is the optimum balance between distributed and co-located components of command and what are the key factors that determine that balance?	C	CBM	Q to be reviewed with CCII. Linked to Q1169 - 1172.	H	

Example JFDA Priority

Joint Operations Picture





NEC2 Model 2010

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