

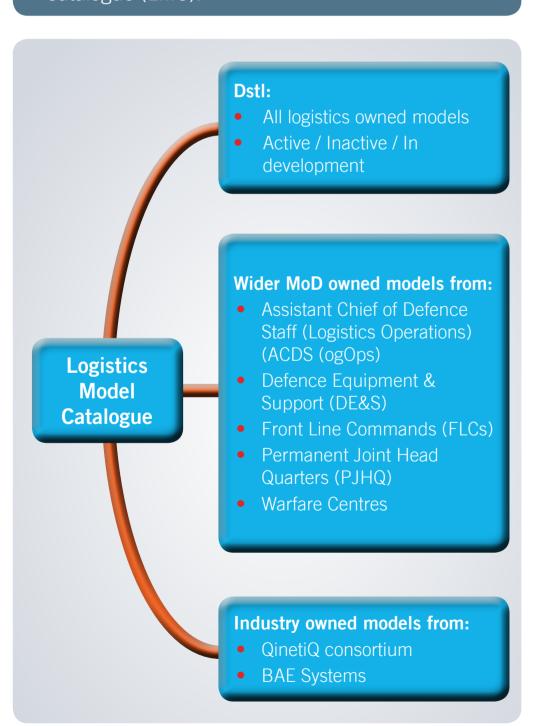
# Understanding A to B: MoD's logistics modelling capability

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## **Background**

- There are a large number of models across a range of logistics domain areas, employed within the UK MoD. This has led to a lack of clarity in the modelling capability available to undertake analysis to support decision makers.
- The Defence Logistics and Support research programme tasked Dstl to collate information on the MoD extant logistics modelling capability. This led to the development of the Logistics Model Catalogue (LMC).

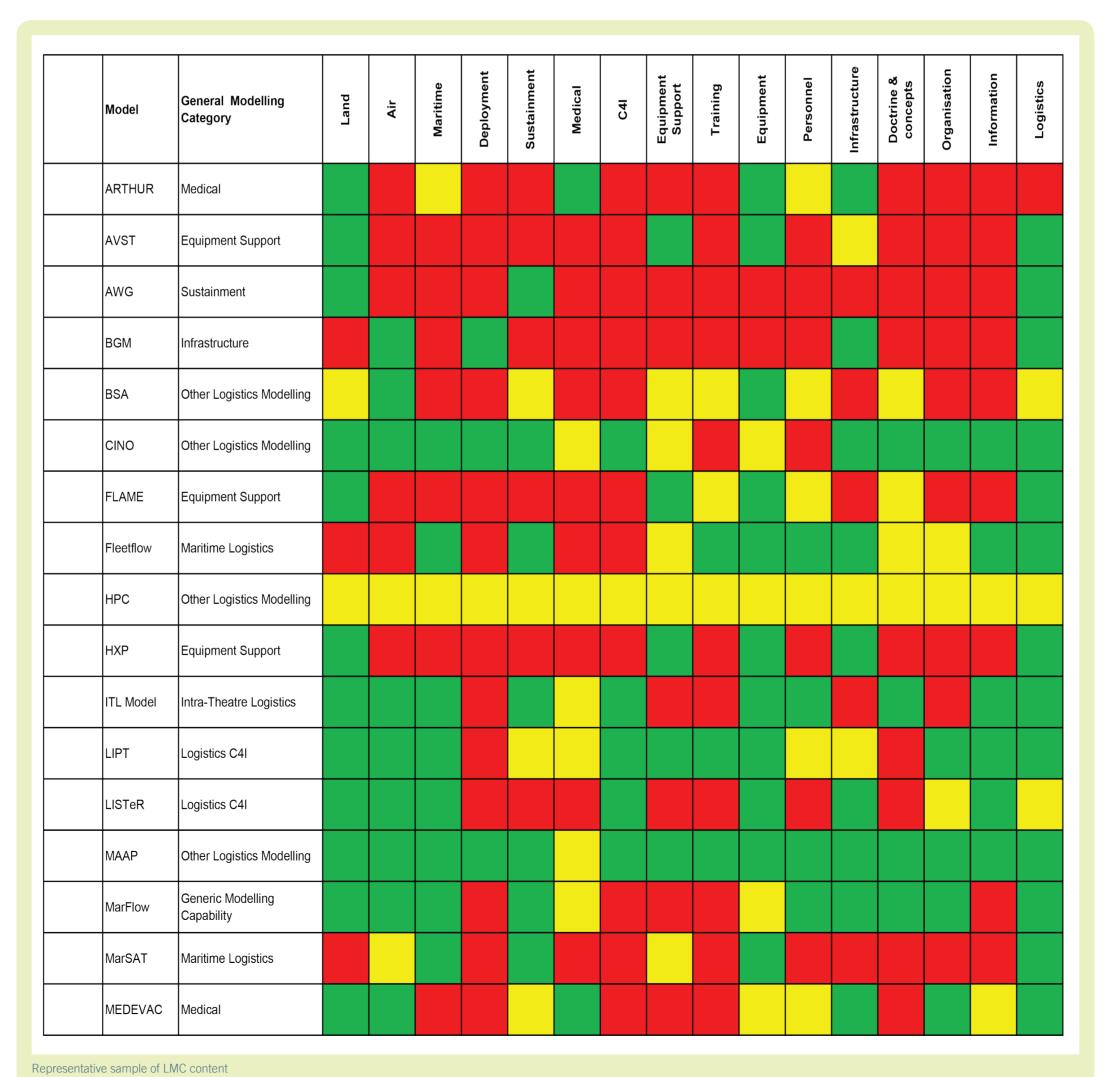


#### LMC coverage

- Model information providing an overview of the modelling capability; e.g. DLOD and type of logistics representation.
- Model status and requirements for potential use within logistics research.
- POC details for each model.

#### LMC aims

- To provide an authoritative source of information on the extant logistics models available to the MoD that will support research and procurement activities.
- To provide and set the context for future research and model development.





#### Model usage

- Version 3.1 finished and released.
- UK MoD available via Online Science Gateway (MoD Intranet).
- External to UK MoD (industry, academia, international parties) available upon request, via Dstl.

#### Next steps

- Exploitation of LMC:
- Within UK MoD (e.g. ACDS(LogOps), DE&S, FLCs, PJHQ, Warfare Centres)
- External to MoD
- Incorporation of other models from wider MoD, industry, academia and International parties.
- LMC updates to reflect changes to version 3.1, for future release.
- Making links with similar logistics model repositories:
- To share modelling capability
- To develop modelling capability to support future research.



## **Conclusions**

- LMC provides understanding of extant MoD modelling capability, with insight into potential logistics modelling overlaps and gaps.
- LMC can be shared within defence communities to improve research and development within the logistics domain.