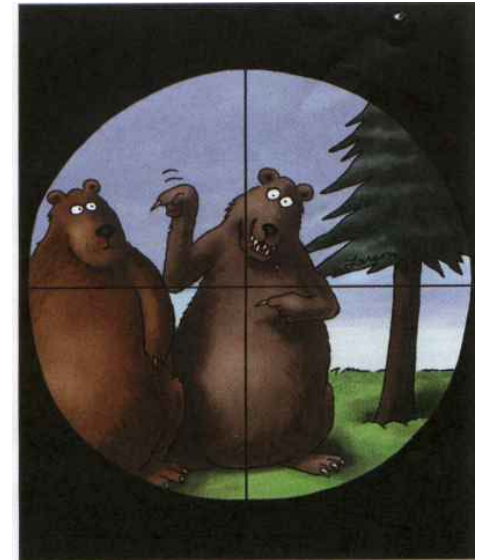
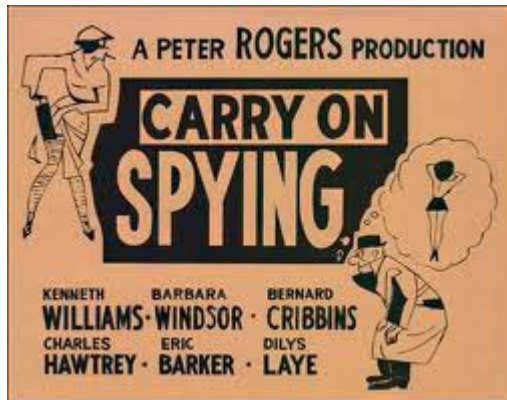


Realising the Benefit from an EA Approach in ISTAR

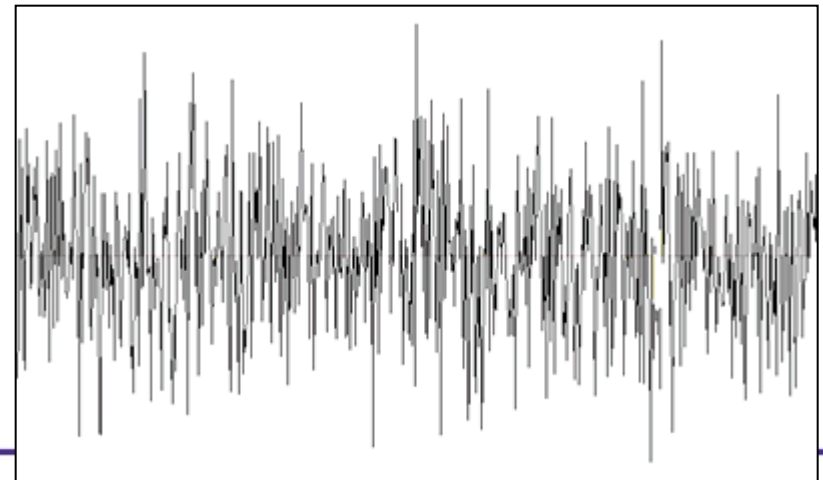
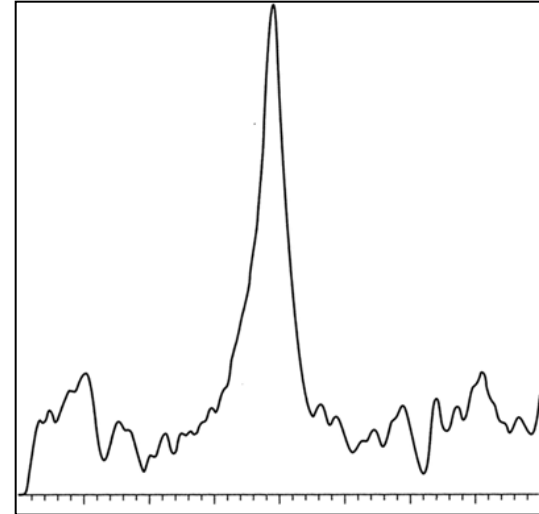
**Mr Alex Mitchell BEng MSc
DES ISTAR Principal Engineer**

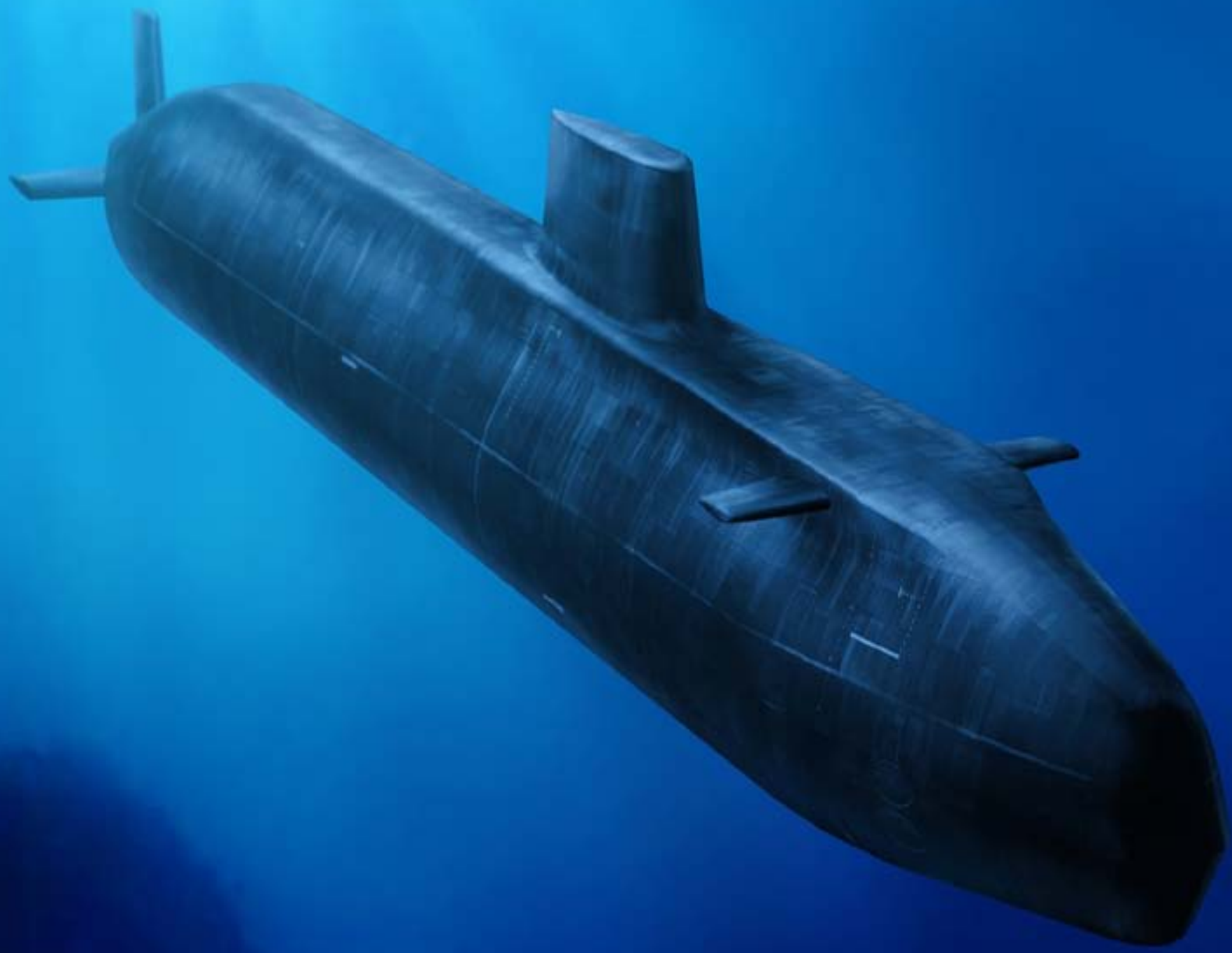


ISTAR



Understanding





ISTAR Approach

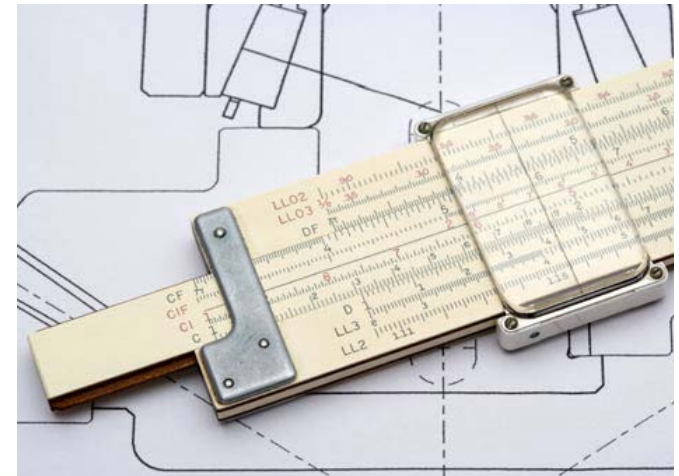
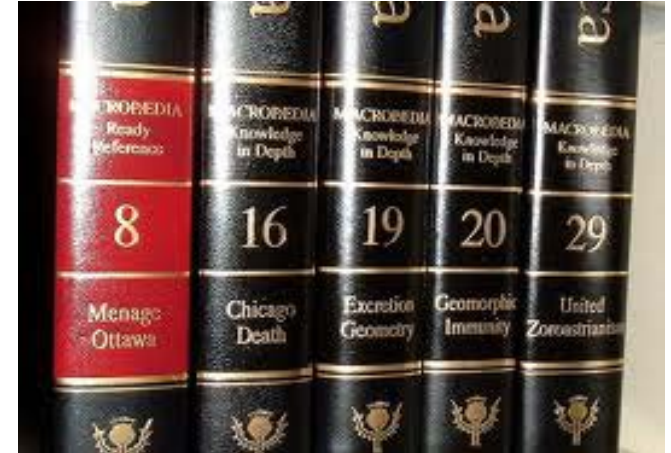
The Approach – The Things we did

Looking back over the last 18 months, these are things we found very useful.



Decide what kind of architecture you want to generate

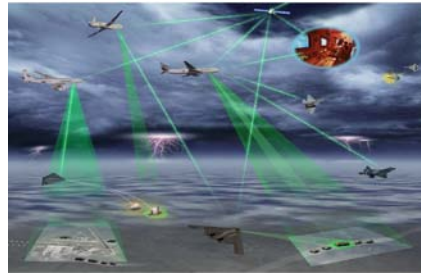
- The temptation is to go for an encyclopaedic style architecture.
- Start off this way to get structure, but move onto solving peoples problems.



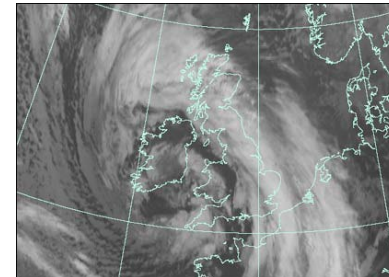
Levels of Architecture



High Level MoD Arch



ISTAR Domain



Project Teams

Think about how you want to do this

- Is this core “In house” business or to be outsourced.
- Skills and Priorities.
- How to work with Industry



Improve System Thinking about the business

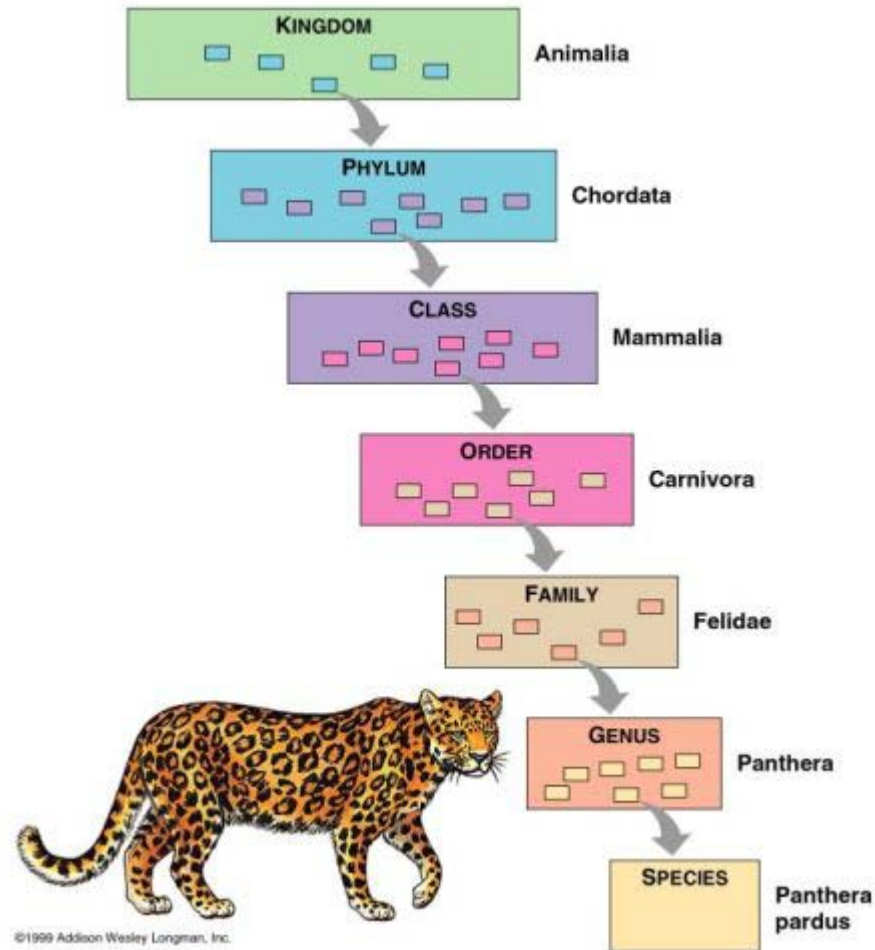
- Communicate the benefits and get customer buy in.
- Establish ownership through governance and personal commitment.
- Get the community to think, define and own their business.
- Link to TLCM through CMG/CMS and Programme Boards/PSFs.

It's about the business (the enterprise) and not about the systems and technology.

‘Systems thinking is a framework for seeing interrelationships rather than things, for seeing patterns rather than static snapshots. It is a set of general principles spanning fields as diverse as physical and social sciences, engineering and management.’

Peter Senge , The Fifth Discipline

Use of Taxonomy



Use of Common Frameworks

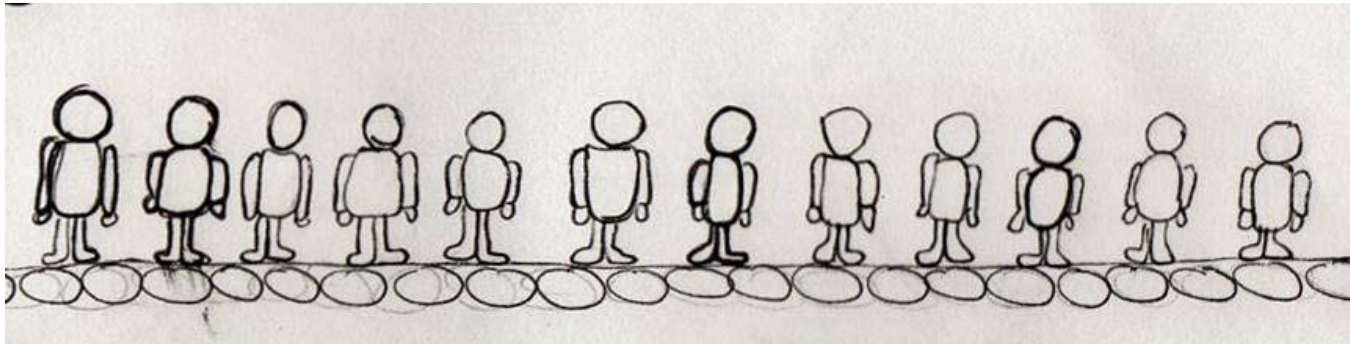
- Explain the benefit of common frameworks to describe and flow down the business.
- Introduce structure to help simplify the business with the benefit of using a common approach (ie MoD Architectural Framework or MODAF)



**How do you weave the golden thread?
Use a loom not knitting needles.**

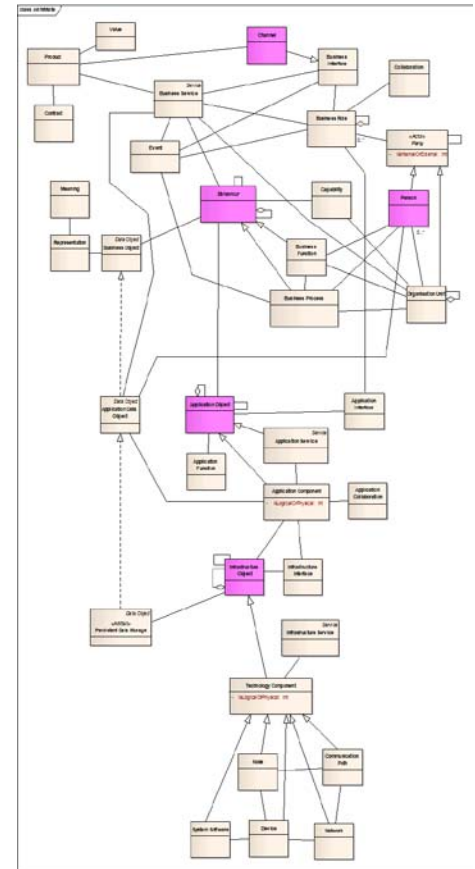
Become Tangible

- Focus on End to End business and show the value to customers by solving a specific problem.



Learn to Love the Meta Model

- However unsexy, get people to understand the value of us all having a common (and documented) mental model of how to do business.



Fringe Benefits and Repository Management

- Start to manage data entities not just diagrams through the use of tools and common data repositories.
- Publish whenever you can, but with providence.
- Link to other data sources and gain value in common products eg Programme Board reports.



Govern the Enterprise

- Decide how to govern the enterprise from the perspectives of capability, technical and operations.
- By understanding the business, have the confidence to create the rules you need.

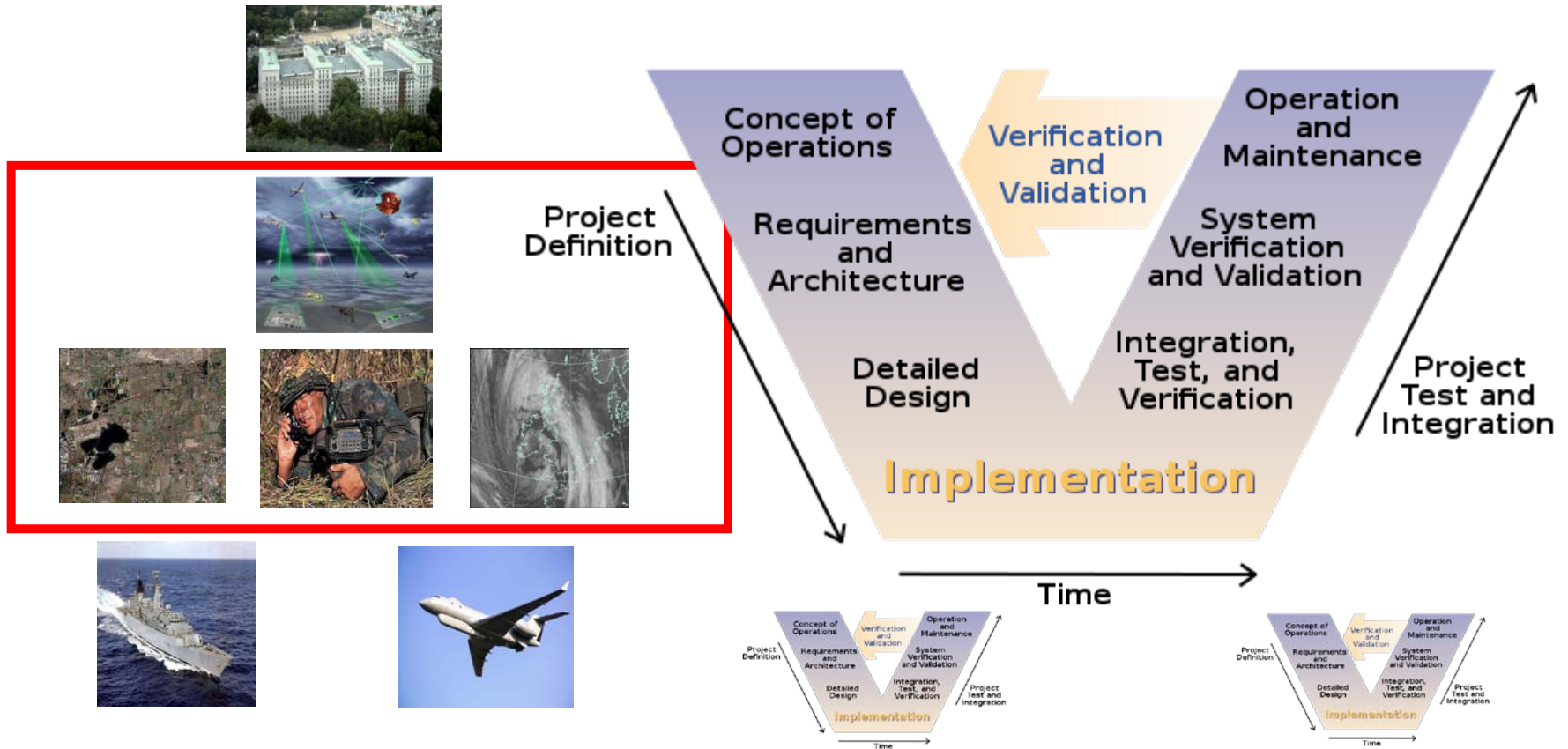


Don't forget the basics

- At the end of the day projects change the world not architectures.
- Cascade benefit to projects.
- ..but get the balance right - too much work at project level can just reaffirm the status quo and you end up with a pile of bricks.



Where next



Questions