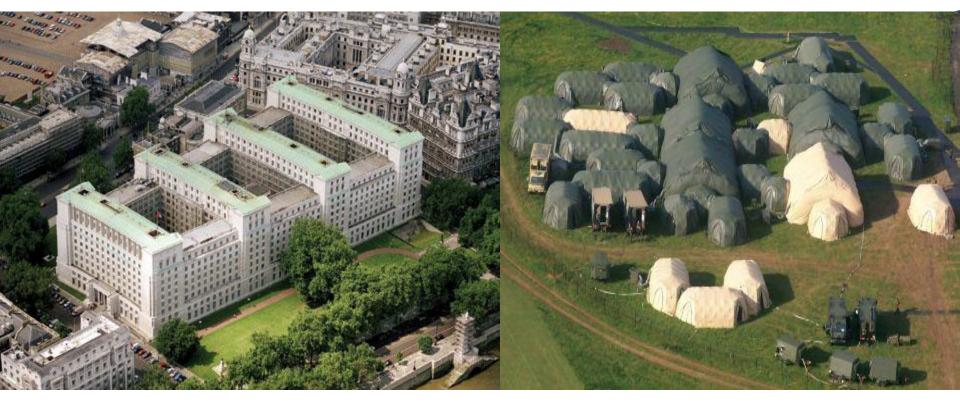


# CA EED – Special Exempted Areas of EED Implementation in the Public Sector



WG 2.4 - 'Defence Buildings – Some Unique Challenges'

**Tom Bennington – Programme Manager Energy and Environment** 

# **Defence and European EE Policy?**

- EED Art 5 Defence must comply with 3%/Yr Target for Renovation in offices and SLA only.
- EED Art 6 Public Purchasing contracts must be High Energy Efficiency - <u>Except</u> when Military Capability is adversely affected.
- Why?:
  - Sovereignty!
  - Capability compromise
  - Defence is excluded from ESIF
  - Cost Departmental Expenditure only
  - Limited PPP opportunities





#### **Defence Buildings - Observations**

- Wide diversity of defence buildings operational focus prevails
- Fixed Defence Infra is low-end priority (irregular refurb ~ 50 yrs+)
- Unique Facilities/Continuity of Service mandatory
- Sensitive Information Networks Certified Contractors only
- Buildings can be Defence operated and:
  - Historic
  - Unique/Esoteric
  - Of Bespoke Design
  - Contain Multiple Redundancies ~ Robust/Resililant
  - Be Large/Remote/Mobile (and all three!)
  - Resource Hungry (cooling/heating)





### **Areas for Improvement**

- More nuanced debate between EC/EU MODs on EED Implementation
- Improved access for Defence to ESIF Very difficult, but Lisbon Treaty?
- Education of MOD's on EE 'Best Practice'
- PPP/Defence Outsourcing
- Facility Energy Usage Measuring for Business Cases/Benefit Planning.
- District Heating Schemes and Smarter control systems
- Capitalise on high tech deployed EE technology for 'home' use.
- Maximise dual use EE R&T and H2020 Funding Schemes



## **Working Group Questions**

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