

## 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 - Except 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/Resilient
  - 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

Tom Bennington

[thomas.bennington@eda.europa.eu](mailto:thomas.bennington@eda.europa.eu)

Programme Manager Energy & Environment

Tel: +32 2504 2919

