



## E-ELT – Munich – 16-17 October 2012 Presentation of ERA Technology

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## Summary introduction

ERA

- Founded in 1920
- Providing technical engineering consultancy to critical infrastructure

Risk reduction

Regulatory compliance

Early involvement in projects to ensure strategies and plans are appropriate. In-depth experience with directives, standards, legislation, etc.

Leatherhead, UK Abu Dhabi

Rennes, France

Resilient infrastructures Compliant systems

Protection against litigation

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## What services ERA can bring to the E-ELT project



- EMC
  - Study and suppression of electrical interference between systems in the telescope
  - Advice on mitigation and shielding
  - Advice on legislation and standards
  - Guidance on best practices
  - EMC risk analyses

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## What services ERA can bring to the E-ELT project



- Power systems design and assessments
  - Surge protection system
  - Lightning protection system
  - Earthing and bonding
- Asset management
  - Third party verification
  - Cable performance

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