



THE UNIVERSITY *of* EDINBURGH
School of Mathematics

**The
Alan Turing
Institute**

Across Scales in Energy Decision Making (ASCEND) Workshop

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Workshop on modeling for policy

- Attendees from government, industry, academia
 - Report available in ~ 1 week
- Key outputs – clear demand for R+D
 - Management of uncertainty in energy systems modelling
 - Communication of modelling results (inc uncertainty) beyond technical modellers
 - The role of modelling within policy processes
 - Approaches to quality assurance
- Not a shopping list for specific technical work



HM Treasury

The Aqua Book:

guidance on producing quality
analysis for government

Key requirements of an applied modelling study

- Background – getting away from specific methodology for UQ etc
 1. There should be a clear statement of what the study is claiming to say about the real world...
 2. ... along with a logical argument to back this up
- What % of studies satisfy (1) and what % satisfy (2)?