

Technology Assessments

MTMC Ltd has conducted a number of desk-based technical assessments for early stage wave and tidal stream energy generators. These assessments fit the criteria set out by the Technology Strategy Board for assessment of novel wave and tidal stream generator designs, prior to submission of a proposal for funding under the April 2010 call. MTMC Ltd understands that most early-stage device developers have limited access to funds and our costs are commensurate with the level of reimbursement from the TSB for successful proposals.

The output from an assessment is a short report (8-10 pages of text), analysing the theoretical performance of the device and its components. The report highlights those aspects of the device (if any) that:

- Are particularly innovative and distinguish it from other device proposals
- Merit further development
- Require further research
- Are not deemed to be viable

Recommendations for the next steps are made, such as:

1. Proceed to seek funding for further development, with endorsement by the independent technical assessment
2. Conduct research into questionable or problematical aspects, either self-funded or with benevolent private funding
3. Abandon the concept and focus future efforts and resources on a new project

A staged schedule for further assessment and optimisation of the design is also presented.

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