

**Project 4/2005 – Capacity building – identifying the missing links:  
developing the Model for future community- operated  
renewable energy (BIPV) projects**

**Purpose**

This paper seeks Members' advice on funding the captioned application for ECF submitted by the University of Hong Kong.

**Background**

2. The proposed project has the following purposes:
  - (i) to identify the learning curve and areas of necessary capacity building to ensure the successful take-up (operation) by the community of renewable energy applications beyond research or demonstration projects in order to create the Model for future projects; and
  - (ii) to design and specify an appropriate low-cost BIPV monitoring system for general applications.
  
3. The proposal has been discussed by the ECF Research Projects Vetting Subcommittee (RPVSC) at the meeting held on 9.12.2005. Having considered the comments by EMSD and two expert assessors, Members concluded that the proposal was worthy of support in terms of its educational value but provisions for long-term monitoring on maintenance issues and components' performance should not be supported.
  
4. The PI has subsequently revised the proposal with focus on developing the model and to exclude the long-term monitoring work. The PI also proposed to include two workshops to bring together participants from wide-ranging backgrounds in face-to-face exchanges that would result in better understanding of the different viewpoints, concerns and objectives to general benefit. The budget has also been revised to allow for the preparation, support and facilitation of the workshops.
  
5. The funding requested by this project has been amended to \$646,000.00 for the staff cost of employing Research Assistants for the modeling work (\$300,000.00), for the preparation and facilitation of workshops

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(\$70,000.00), and for the generic monitoring system (\$225,000.00); for purchasing the generic monitoring system hardware (\$12,000.00); and for organizing the workshops (\$17,000.00), local traveling allowance, setting-up of the website and purchase of CD-R and monograms (\$22,000.00). The project period has also been adjusted from 24 months to 12 months.

6. After reviewing the revised proposal, EMSD advises that organizing one workshop would be appropriate taking into account the duration of the project period being 12 months.

**Advice sought**

7. Members are invited to advise whether the application for ECF should be supported as detailed in paragraphs 2 to 5 above and if supported, the exact amount of fund to be recommended to the ECF Committee for approval.

Secretariat, ECF Research Projects Vetting Subcommittee  
January 2006