

**Facesheet**

(Tick ✓ one)  **Project seeking APEC funding**       **Progress Report**       **Evaluation Report**  
 (Tick ✓ one)    (✓) **Operational Account**      ( ) **TILF Special Account**      ( ) **Self-funded Project**

|   |  |  |  |
|---|--|--|--|
| Project number:<br><i>(To be filled in by Secretariat)</i>  |  | Date received by Secretariat:  | Late / Not late<br><input type="checkbox"/> <input type="checkbox"/> |
| <b>Name of Committee/Working Group:</b><br>Expert Group on Energy Efficiency and Conservation / Energy Working Group  |  |  |  |
| <b>Title of Project:</b><br>Cooperation on Energy Labelling   |  |  |  |
| <b>Proposing APEC Member:</b> Chinese Taipei  |  |  |  |
| Co-sponsoring APEC Member(s): (Australia, Japan, New Zealand, Thailand, USA)  |  |  |  |
| Project Overseer: Name, Title and Organization<br>Liang-Jyi Fang, Ph.D.<br>Secretary General<br>Energy Commission, Ministry of Economic Affairs   |  | (M)  |  |
| Postal address:<br>13 Fl., 2, Fu-Hsing N. Road<br>Taipei, Taiwan 104  |  | Tel: +886-2-2775-7710<br>Fax: +886-2-2776-2709<br>Email: ljfang@moeaec.gov.tw                                  |  |
| <b>Financial Information</b>  | Total cost of proposal (US\$):<br>\$50,000 | <b>Amount being sought from APEC Central Fund (US\$):</b><br>\$30,000 (\$20,000 self-funded by Chinese Taipei) |  |
| Type of Project: <input checked="checked" type="checkbox"/> seminar/symposium <input type="checkbox"/> short-term training course <input checked="checked" type="checkbox"/> survey or analysis and research<br><input type="checkbox"/> database/web site <input type="checkbox"/> others <i>(Please specify)</i>  |  |  |  |
| Project start date: 1 January 2003  |  | Project end date: 31 December 2003   |  |
| <b>Project Purpose:</b><br>Several APEC member economies have established energy labelling programs as a part of their measures to increase energy efficiency and promote energy conservation. This project seeks to:<br>1. Facilitate the exchange of information, knowledge, and experience on energy labelling.<br>2. Compile and analyze standards and regulations on energy labelling of member economies.<br>3. Compile and analyze energy saving results from implementing energy labelling by member economies.<br>4. Promote successful implementation of energy labelling by member economies and the role of energy labelling as a policy instrument to increase the energy efficiency of energy-using products. |  |  |  |
| Signature of Project Overseer:<br><br><i>(Separate written confirmation acceptable for email submission)</i> Date:  |  |  |  |
| Signature of Committee Chair/WG Lead Shepherd:<br><br><i>(Separate written confirmation acceptable for email submission)</i> Date:  |  |  |  |

**ECOTECH Weightings Matrix**

**[Cooperation on Energy Labelling]**

| <b>Criteria</b>  | <b>Supporting Information</b><br><i>(indicate paragraph number if details are in the project proposal)</i>   | <b>Linkage</b><br><b>(1 point for each)</b> |
|--|--|---|
| Responds to a <u>specific</u> instruction from Leaders/Ministers <sup>1</sup>  | Refer to proposal item 4(a)  | 1   |
| Meets a core ECOTECH theme under the <i>Manila Declaration</i> <sup>1</sup>  | Refer to proposal item 4(b)  | 1   |
| Responds to the Common Policy Concepts, Activities and Dialogues identified in Part II of the <i>Osaka Action Agenda</i> <sup>1</sup>  | Refer to proposal item 4(c)  | 1   |
| Responds to a <u>specific</u> ECOTECH Initiative <sup>2</sup>  | Refer to proposal item 4(d)  | 1   |
| Improves skills, including in new technologies   | Refer to proposal item 10  | 1   |
| Builds capacity and strengthens institutions   | Refer to proposal item 6   | 1   |
| <u>Measurably</u> improves economic efficiency/performance <sup>3</sup>  | The project will share information on energy labelling programs and evaluate their effectiveness in improving energy efficiency, which is measurable.                          | 1   |
| Is of <u>practical</u> benefit to the private/business sector; has private/business sector <u>participation</u> ; and/or <u>funding</u> <sup>4</sup>                         | The project is of practical benefit to the private sector and has private sector participation.  | 3   |
| Assists economies attain sustainable growth and equitable development, while reducing economic disparities among APEC economies and improving economic and social well-being | These attributes are inherent in energy efficiency measures  | 1   |
| Supports a TILF objective, as laid down in Part I of the <i>Osaka Action Agenda</i> <sup>1</sup>   | The project supports the Osaka Action Agenda Part I Item C3 Energy objective of increased harmonization of energy standards, especially on industrial and commercial equipment | 1   |
| Disseminates information including through seminars/websites/databases <sup>5</sup>  | The project will hold a seminar and publish its report on a website.   | 0   |
| Outline the <u>outcome</u> and how members will benefit <sup>5</sup>   | The project will assist members in understanding the benefits of energy labelling programs and their development.  | 0   |
|  | <b>Net Score</b>   | <b>12</b>                                   |

**Footnote**

- <sup>1</sup> Identify which instruction/ECOTECH theme/OAA element.  
<sup>2</sup> See <http://www.apecsec.org.sg/ecotech/index.html>  
<sup>3</sup> Policy outcomes that include development of energy efficiency guidelines, food safety standards etc  
<sup>4</sup> One point for each element up to a maximum of 3 points.  
<sup>5</sup> Not scored

**Remarks** (Please indicate if not applicable e.g., for TILF projects. Additional information in support of projects which do not score highly may also be provided here by the Lead Shepherd/Chair).

**A. Project Design****Project**

01. *Name of project.*

Cooperation on Energy Labelling

02. *Name of the working group or committee taking responsibility for the project and the dissemination of its results.*

Expert Group on Energy Efficiency and Conservation / Energy Working Group

**Objectives**

03. *Describe briefly how you will measure your results (in the short and longer term) to know if your project has been successful. (You must provide detailed assessment measures in paragraph 19)*

The results of the project will be measured by the responses of the participants of the seminar and recipients of the published reports, as well as the number of APEC member economies that participate in the seminar.

04. *How, briefly, this project responds to the priorities set by APEC Leaders and Ministers, as evidenced by parts of the APEC Action Agenda including Action Program, work plan, vision statement, and policy statement that relate to this project.*

- a) This proposal responds to the agreement of the Energy Ministers at their first meeting to develop for energy standards “a general policy framework that would allow for [their] progressive development and implementation on a bilateral or multilateral basis, and product by product, as technical details are established and mutually agreed.” This proposal is also in pursuance of Energy Policy Principles numbers 2 (... efficient ... consumption of energy), 3 (... achieving rational energy consumption...), 10 (Enhance energy information and management programs...), and 13 (Promote cost effective measures which improve the efficiency in which energy is used but reduce greenhouse gases...).
- b) The project supports four core ECOTECH themes from the Manila Declaration, namely 1: develop human capital; 3: strengthen economic infrastructure; 4: harness technologies for the future; 5: safeguard the quality of life through environmentally sound growth.
- c) This proposal responds to the Common Policy Concepts of (a) fostering a common understanding on regional energy issues; and (c) reducing the environmental impact of the energy sector. It also responds to the joint activity of (e) improving environmental performance through expanded programs in the fields of ... end-use energy conservation measures.
- d) Energy efficiency is a key component of the specific ECOTECH initiative on Cleaner Production.

05. *For applications under the TILF Special Account: How briefly this project contributes to APEC Trade and Investment Liberalisation and Facilitation (e.g. relevance to specific parts of the Osaka Action Agenda).*

Not applicable.

### Linkages

06. *The kinds of institutions in member economies intended to benefit from the results of the project. Highlight the direct benefits to the institutions, the types of business in member economies which will benefit from the results of the project and what the direct benefits are.*

Through information exchange, the project will provide regulatory institutions with mutual references in establishing policies and programs related to energy standards and labelling. It will also benefit manufacturers of electrical and electronic appliances that are affected by regulatory energy standards requirements and their consumers who will gain additional product information in making better product choices.

07. *How the participation of the business/private sector and non-governmental institutions has been sought or will be sought. Illustrate how the business/private sector has been involved in the planning and delivery of the project and whether any other APEC fora have been consulted. (\*)*

Since the use of energy labelling significantly involve the private sector, the project will actively encourage and promote participation of the private sector and non-governmental organizations in its planning and the holding of the seminar.

08. *How this project will add "APEC value" (as to the potential benefits of implementing projects) in the context of other work that might have been done elsewhere in the same field. (\*)*

To date much of the effort to coordinate energy efficiency initiatives within APEC has been made through public sector and government. This project will extend that effort into the private sector and also identify ways in which the private sector can be involved in developing energy standards and labelling systems. In promoting the use of energy efficient products through labelling, the project will also have additional benefits of reducing energy demands as well as reducing greenhouse gas emissions.

09. *An indication of how the project might contribute to related projects or activities in APEC or elsewhere.*

This project is consistent with the objectives of the Framework for Cooperation on Energy Efficiency Testing Standards Initiative and the Energy Security Initiative. This project will also help evaluate the role of energy labelling in the overall energy efficiency initiatives and programs being implemented by member economies.

10. *Describe the deliverables of the project and demonstrate how they will meet the needs of the targeted beneficiaries.*

The primary deliverable of the project will be the Seminar on Energy Labelling in the APEC region, in which participants from member economies will share experiences in promoting energy labelling, including related regulations, standards, and their effectiveness. The proceedings of the seminar will be published as a report on the Evaluation of Energy Labelling in the APEC Region and will be widely distributed within the APEC region. Regulators and the private sector will benefit from the information shared and produced by the seminar.

### Methodology

11. *A concise description of the project's methodology by components, with its associated outputs clearly specified.*

The project overseer, with input from the project steering group consisting of the co-sponsoring member economies, will organize the Seminar on Energy Labelling in the APEC region. Appropriate representatives from the private and public sectors of APEC members will be identified and invited to the seminar. The specific location and date of the seminar will be determined by the steering group.

The stages of the project will consist of:

- (a) Identify and confirm a venue and date for the seminar (if possible, the seminar will be held prior to a regular meeting of the EGEEC to enable evaluation of the seminar outcomes);
- (b) Identify seminar participants and coordinator;
- (c) Collect information on energy labelling from participating member economies as a part of formal input material for the seminar; the information will include related regulations, standards and their effectiveness;
- (d) Hold the seminar;
- (e) Compile seminar proceedings and draft a report on Evaluation of Energy Labelling in the APEC region.
- (f) Complete and distribute seminar report.

12. *A timeline for circulation and submission of this project proposal with drafts circulated well in advance to fora to allow careful consideration.*

This proposal will follow the routine EWG timetables, with the proposal circulated before the EGEEC meeting and the finalized proposal completed and submitted to the EWG Secretariat by 15 March 2002.

13. *A timetable for the accomplishment of each component in (11).*

| Event   | Date             |
|---|------------------|
| (a) Identify and confirm seminar venue and date   | March 2003       |
| (b) Identify seminar participants and coordinator | June 2003        |
| (c) Collect input materials from participants     | June-August 2003 |
| (d) Hold seminar                                  | September 2003   |
| (e) Compile seminar proceedings                   | October 2003     |
| (f) Complete and distribute report                | December 2003    |

14. *The number of APEC member economies that will participate in this project. Please indicate the names of member economies participating in each component of the project as set out in (11). (\*)*

The project steering group, consisting of representatives from the co-sponsoring economies including Australia, Japan, New Zealand, and the United States, will organize the seminar together with the host economy. All APEC member economies will be invited to participate in the seminar.

### **Budget**

15. *An itemized budget for the project, including provision for any publication and dissemination of project results, in the prescribed format. Applications under the Operational Account should use the format at Annex A1. Applications under the TILF Special Account should use the format at Annex A2. The budget should illustrate the assumptions adopted (e.g. unit costs) for the computations.*

The total budget of this project is estimated at USD50,000, of which USD30,000 will be sought from APEC funding and USD20,000 will be provided by Chinese Taipei (please refer to the attached itemized budget sheet for details).

16. *A timetable for the drawdown of APEC funding requested for the project, including details of any advance payment or instalment payment requested and justifications for such requests.*

|                |  |           |
|----------------|--|-----------|
| June 2003      | To coordinator upon signing of contract                | USD 4,000 |
| September 2003 | Payment of speakers' travel and accommodation expenses | USD10,000 |
| September 2003 | To coordinator upon completion of seminar              | USD 8,000 |
| December 2003  | To coordinator upon distribution of proceedings        | USD 8,000 |

17. *Details of any request for waiver or exception from the normal APEC financial rules with justifications.*

No waiver or exception from the normal APEC financial rules will be requested.

### **Dissemination of Project Output**

18. *A plan for the publication and dissemination of the results of the project, including:*

- a. *the nature of the target audience, and, based on that audience;*

The primary target audience of this project will be representatives from the public and private sector of APEC member economies involved in the planning, development and implementation of energy efficiency policies and programs.

- b. *the form and content;*

The text of the presentations will be distributed to participants immediately prior to the seminar. A report will be published after the seminar.

- c. *format (e.g. hard copies, floppy discs, internet uploading);*

The project reports will be produced as CD-rom's and will also be distributed in electronic format through the EWG web-site or an alternative site that conforms to published APEC requirements.

*d. number of copies for the publication;*

Two hundred CD-rom's of the project report will be produced.

*e. accessibility of results for the targeted audience;*

There will be no restrictions on accessibility of results. The CD-rom's will be delivered to individuals and institutions upon request. In particular, copies will be distributed to seminar participants, one copy for a representative from each APEC member economy, and copies for the APEC and EWG Secretariats. All electronic versions will be made available in a "read-only" format to reduce the possibility of unauthorized alteration of the material.

*f. a publicity plan for:*

*i) briefing the general or specialist media about key components of the project;*

The seminar announcement and the availability of the report will be made at the EWG website.

*ii) the promotion of sales or other dissemination of the final product; and*

No sales are envisaged in this project. Participants will be encouraged to disseminate the results of the seminar widely. Copies of the report will be freely available on the web site.

*g. a budget for publication and dissemination, to form part of the itemized budget.*

The budget for publication and dissemination will cover the report on *Evaluation of Energy Labelling in the APEC Region*.

### **Assessment of Project**

19. *With reference to your objectives stated in paragraph 3, provide detailed criteria (quantitative and qualitative) for how you will measure your results in the short and long term to know if your project has been successful. State your current benchmarks for measurement, your target results from the project for each measurement criterion and the range of acceptable results both in numerical and percentage terms, where possible.*

- (a) The number of APEC economies participating in the activities of the project.
- (b) Number of participants of the seminar and their responses. Participants will be required to complete an evaluation form at the completion of the seminar.
- (c) The final opinion of the project steering group and the EGEEC.

## Gender Criteria for Formulation and Evaluation of Projects

### *Objectives*

1. *Show how the objectives of the project provide benefits for women, where appropriate. APEC Ministers have indicated (Framework for the Integration of Women in APEC) that benefits might include: increased involvement of women; taking account of the differences in women's and men's lives (gender analysis); and collection/use of sex-disaggregated data.*

The objectives of the project are inherently aimed at whole community level and are thus automatically gender inclusive.

### **Linkages**

2. *Show how the participation of women has been/will be sought. Show how women are involved in the planning, management, allocation of resources, and implementation of the project.*

In the selection of participants, where other attributes and qualifications are equal, priority will be given to female applicants.

### **Methodology**

3. *Provide a brief description of the way women will be able to participate equitably in the development and implementation of the project.*

The organizations forming the project steering committee all have equal opportunity employment policies.

4. *Provide a brief description to show that the project will collect and use sex-disaggregated data (if available) to measure the project's effects on women.*

Energy labelling initiatives are inherently gender neutral, and therefore sex-disaggregated data will not be available.

### *Dissemination of project output*

5. *Does the plan for the publication and dissemination of the project's results include communication methods that are appropriate for women?*

- *Questions that may be relevant include: Are women one of the target audiences? Does the plan take account of women with low literacy and women with low access to electronic media? Will the results be disseminated to women's organizations?*

Women will be encouraged to participate in the seminar; however, the seminar is unsuitable for unqualified persons. The seminar proceedings will be distributed to women's organizations upon request.



**Budget**

6. *Are women involved in making decisions on the allocation of resources?*

The organizations forming the project steering group all have equal opportunity employment policies.

7. *Where appropriate, provide details of the project's budget that are allocated to activities that address the specific needs of women.*

This item is not applicable to this project.

**Assessment of project**

8. *Provide details of how the project proponent will assess whether he/she has met the gender criteria for APEC projects and how he/she will measure the impact of the project on women.*

As the objectives of the project are inherently aimed at whole community level, they are automatically gender inclusive and no separate measurement of the impact on women will be undertaken.

\* \* \* \* \*

**APEC Operational Account  
Itemized Budget for Financial Year 2003<sup>1</sup>**

| <b>Items</b>  |  |               | <b>APEC<br/>Funding (USD)</b> | <b>Self Financing<br/>(USD)</b> |
|---|--|---------------|-------------------------------|---------------------------------|
| <i>Direct Labour</i>  | No. of Hours                           | Rate          |                               |                                 |
| - Speaker's Honorarium  |  |               |                               |                                 |
| - Consultant (including<br>Researcher) Fees                         | 180                                    | 50            | 9,000                         |                                 |
| - Consultant's Secretary<br>Cost                                    | 320                                    | 25            | 8,000                         |                                 |
| - Hosting(Seminar room<br>rental)                                   | 2 days                                 | 2,000 per day |                               | 4,000                           |
| <i>Travel</i>   |  |               |                               |                                 |
| - Per Diem (including<br>accommodation and<br>"additional payment") | 48 days (12<br>speakers for 4<br>days) | 250 per day   | 5,000                         | 7,000                           |
| - Airfare   | 12 persons                             | 1,000         | 5,000                         | 7,000                           |
|   | No. of Copies                          | Unit cost     |                               |                                 |
| <i>Publication of report<br/>(including distribution)</i>           | 200 CD-rom's                           | 10            |                               | 2,000                           |
| <i>Photocopying</i>   |  |               | 1,500                         |                                 |
| <i>Communications (Phone/<br/>Fax/ Mail/ Courier)</i>               |  |               | 1,500                         |                                 |
| <i>Total</i>  |  |               | 30,000                        | 20,000                          |

<sup>1</sup> If project straddles more than one year, please indicate only the amount of funds required for the financial year in question.