

Natural Energy Efficiency and Sustainability (NEES)

Evaluation Criteria for Expert Panels

| |
|--------------------------------|
| Product / service name: |
| Company / organisation: |
| Names of Expert Panel: |
| Date: |

| Score | Meaning |
|-------|--|
| 10 | Excellent - The proposal successfully addresses all relevant aspects of the criterion in question. |
| 8-9 | Very good - The proposal addresses the criterion very well, although certain improvements are still possible. |
| 7 | Good - The proposal addresses the criterion well, although improvements would be necessary. |
| 6 | Fair - The proposal broadly addresses the criterion, but important improvements would be necessary |
| 4-5 | Not sufficient - while the criterion is broadly addressed, there are significant weaknesses. |
| 2-3 | Poor - The criterion is addressed in an inadequate manner or there are serious inherent weaknesses. |
| 1 | Very poor - The criterion is addressed in a cursory and unsatisfactory manner. |
| 0 | The proposal fails to address the criterion under examination or cannot be judged due to missing or incomplete information |

All fields marked in green are mandatory and need to be completed.

Please note

Experts should declare any financial or commercial interests with the applicants at the outset of the meeting and excuse themselves from the relevant discussion(s).

Only one overall score is required under each category however this should be justified by notes against each criterion.

The NEES Project does not expect applicants to have answered all the survey questions (not all of which will be relevant to every product / service) and allowances should be made with respect to their ability to do provide this information. Where details are not provided experts are asked to draw on their own knowledge, however this should be made clear in the comments.



Natural Energy Efficiency and Sustainability (NEES)

Evaluation Criteria for Expert Panels

| | Score | Expert Panel's Remarks |
|--|--------|------------------------|
| 1. Resource efficiency - Including energy efficiency and waste issues, with reference to the following sub-criteria: | (0-10) | |
| <ul style="list-style-type: none"> Lifespan of product | | |
| <ul style="list-style-type: none"> How often does the product require maintenance? | | |
| <ul style="list-style-type: none"> What percentage of the product is sourced from recycled material? | | |
| <ul style="list-style-type: none"> What percentage of the product is recyclable? | | |
| <ul style="list-style-type: none"> How many phases of processing / manufacturing does the product go through from sourcing to installation? | | |
| <ul style="list-style-type: none"> What is the type of disruption caused by installing the product (e.g. stripping walls)? | | |
| <ul style="list-style-type: none"> What percentage of the product is biodegradable? | | |
| <ul style="list-style-type: none"> How would you dispose of the product? | | |

Natural Energy Efficiency and Sustainability (NEES)

Evaluation Criteria for Expert Panels

| | Score | Expert Panel's Remarks |
|--|--------|------------------------|
| 2. Environment and health - Including climate change, bioregionalism, environment and human health issues, with reference to the following sub-criteria: | (0-10) | |
| <ul style="list-style-type: none"> What percentage of the product is sourced from 'natural' material(s) sourced from within the NPP region? | | |
| <ul style="list-style-type: none"> Carbon / GHG footprint (or likely relative footprint)? | | |
| <ul style="list-style-type: none"> Details of how the product complies with any relevant building regulations, standards or other compliance schemes. | | |
| <ul style="list-style-type: none"> Are there any human or environmental hazards during installation? | | |
| <ul style="list-style-type: none"> Are there any risks to the building caused by installation? | | |
| <ul style="list-style-type: none"> Details of any hazardous chemicals used in processing or manufacture. | | |
| <ul style="list-style-type: none"> Details of the greenhouse gas emissions and any forms of pollution attributable to the use of the product, e.g. through degradation. | | |
| <ul style="list-style-type: none"> Are there any known health benefits from using the product? | | |

Natural Energy Efficiency and Sustainability (NEES)

Evaluation Criteria for Expert Panels

| | Score | Expert Panel's Remarks |
|---|--------|------------------------|
| 3. Sustainability - Bioregionalism, sustainability of supply and distribution networks, culture, etc, with reference to the following sub-criteria: | (0-10) | |
| <ul style="list-style-type: none"> How does this material relate to the natural environment and traditions of where it is sourced from? | | |
| <ul style="list-style-type: none"> Where is the product processed / manufactured? | | |
| <ul style="list-style-type: none"> How far do the materials travel from where they are sourced to where they are processed and / or manufactured? | | |
| <ul style="list-style-type: none"> How are they transported? | | |
| <ul style="list-style-type: none"> How far do the materials travel from where they are processed and / or manufactured to where they are sold? | | |
| <ul style="list-style-type: none"> How are they transported to where they are used or sold? | | |
| <ul style="list-style-type: none"> How does the use of the product reflect the architecture of the region(s) it is used in? | | |
| <ul style="list-style-type: none"> Details of compliance with any relevant conservation legislation. | | |
| <ul style="list-style-type: none"> Details of the availability of supply of the natural material(s) used in the product. If the resource is currently limited please explain why or how it should be classed as sustainable. | | |

| | Score | Expert Panel's Remarks |
|--|-------|------------------------|
|--|-------|------------------------|

Natural Energy Efficiency and Sustainability (NEES)

Evaluation Criteria for Expert Panels

| | | |
|--|--------|--|
| 4. Enterprise - Including financial issues, current status, achievements, etc - note here that being small is not a negative attribute | (0-10) | |
| • Which countries is the product / service currently available in? | | |
| • What percentage of the product is processed and / or manufactured in the NPP region? | | |
| • Cost of product | | |
| • What is the average cost of maintenance? | | |
| • How many employees does the company / organisation have? | | |
| • If the product is part of a range please how representative is it? | | |
| • Turnover of company / organisation* | | |
| • Percentage of turnover represented by product / range* | | |
| • Market share (product / company / organisation)* | | |
| • Main competitors* | | |
| • Level of competition, including with conventional products / services* | | |

*These questions are not included in the current questionnaire due to the technical issues of ensuring commercial confidentiality in an online survey, but may be included in later rounds. However experts are asked to consider these from their own knowledge and experience.

| | Score | Expert Panel's Remarks |
|--|-------|------------------------|
|--|-------|------------------------|

Natural Energy Efficiency and Sustainability (NEES)

Evaluation Criteria for Expert Panels

| | | |
|---|--------|--|
| 5. Scalability - including market potential in light of current barriers / opportunities, and what benefits being selected could bring, with reference to the following sub-criteria: | (0-10) | |
| • Current ability to meet demand for the product | | |
| • Would the availability of the natural material(s) be enough to meet demand if the demand was to increase significantly? (i.e. any limits to the growth of the company / organisation?) | | |
| • Could significant additional demand be met from currently available local sources? | | |
| • Could additional sources of natural material be available locally and / or in the NPP region, e.g. by reopening traditional industries? | | |
| • Are any subsidies available to produce the product? | | |
| • Are any subsidies available to install the product? | | |
| • Are there difficulties recruiting skilled employees? | | |
| • Is there sufficient training available to supply new skilled employees? | | |
| • Would the availability of skilled employees become a problem if demand for the product was to increase significantly? | | |
| • Current potential for company / organisation growth* | | |
| • Job creation potential (based on a tenfold increase in demand)* | | |

*These questions are not included in the current questionnaire due to the technical issues of ensuring commercial confidentiality in an online survey, but

Natural Energy Efficiency and Sustainability (NEES)

Evaluation Criteria for Expert Panels

may be included in later rounds. However experts are asked to consider these from their own knowledge and experience.

Natural Energy Efficiency and Sustainability (NEES)

Evaluation Criteria for Expert Panels

Overall remarks on evaluation of the product / service:

Total scores:

| Criteria (Threshold) | 1 (7) | 2 (7) | 3 (7) | 4 (7) | 5 (7) | Total (35) |
|-------------------------|----------|----------|----------|----------|----------|---------------|
| | | | | | | |

Overall recommendation:

| | |
|--|--|
| <p>Product / service to be considered for demonstration by the NEES Project? (≥ 35 points and all thresholds passed):</p> <p>Yes / No</p> <p>Product / service is relevant to currently proposed demonstration projects?</p> <p>Yes / No</p> <p>If yes give details:</p> | <p>Expert evaluator initials:</p> <p>Date:</p> <p>Signature:</p> |
|--|--|

