



SUSTAINABLE ENERGY PROJECT SUPPORT (SEPS) Regional call in Southern and South East Asia 2014

SEPS Project Proposals – Application Form

Sustainable Energy Project Support, SEPS, aims to support innovative energy projects that are environmentally, economically and socially sound. SEPS defines the term "project" in a broad sense. It does not focus solely on technical solutions, but also addresses a broad spectrum of ideas that may help to foster renewable energy or the efficient use of energy and, therefore, contribute to sustainable development.

Regional Focus: Southern and South East Asia

The regional focus of this call is Southern and South East Asia. The countries considered for this call are those within Southern and South East Asia, according to the [UN definition](#).

Thematic Focus: Integrating Renewable Energy into Food Value Chains

This SEPS call is looking for project concepts that demonstrate how to apply (small-scale) renewable energy technologies to improve the productivity, environmental performance and social integration of food value chains.

This call is open to projects that demonstrate how renewable energy technologies can be integrated into food value chains in order to enhance productivity, reduce or avoid negative environmental impacts (e.g. GHG emissions, the contamination of soil and water etc.) and increase the social capital of the targeted region (e.g. by creating improved employment opportunities, better skills, greater autonomy, etc.). Issues surrounding the market potential and integration of the food products are also relevant for consideration.

We are particularly looking for projects that can influence public opinion and regional decision makers in the field of renewable energy. With its limited grant funding, WISIONS cannot offer support for the straightforward replication of common projects – the unique character of the project concept is an important criterion for selection. Projects concerned with promoting domestic appliances (e.g. cooking facilities for households) are excluded.

Background on sustainability aspects of renewable energy technologies can be found in our [Technology Radar](#). Examples of projects previously and currently supported under the SEPS scheme can be found at <http://wisions.net/projects>.

Background to Renewable Energy Potential in Food Value Chains

Energy is a key input in any kind of food value chain. Energy is required in different forms and quantities at all stages of the chain; from the production of raw materials (in agricultural and livestock activities), to their collection, transport, processing and the eventual marketing and sale of the final products. Renewable energy sources can be used to meet the diverse energy needs of food value chains. Furthermore, renewable resources (such as solar radiation, wind, water and biomass residues) are often already available – or easy to harness – at locations where food is produced, processed or sold.

Numerous initiatives make use of renewable energy technologies at all stages of food value chains. Wind or solar powered water pumping and irrigation systems, the solar drying of produce, gasification or anaerobic digestion of biomass residues and the further use of the gas produced for thermal processes, chilling processes powered by solar radiation, biogas or other biofuels and the use of hydro power for milling, grinding or pressing are just some notable examples.

Application Procedure

The projects must be **innovative** and demonstrate an **integrated and sound approach in their implementation**. Only projects that are ready to be implemented are eligible for SEPS support. Applicants are therefore required to submit the following:

- a **completed SEPS application form**
- a **project budget in Euros (EUR/€)**
- a preliminary **time schedule**
- a **calculation** demonstrating the potential avoidance of **fossil fuel use** and **CO₂ emissions**

Applicants may submit **detailed documentation** including a comprehensive description of the key aspects and arguments in favour of the project. The number of extra pages (including budget plan, time schedule and the calculations of the reduction in fossil fuel use and CO₂ emissions) must not exceed 10 pages.

Between 3 and 6 technical projects will be selected for support in a three-stage validation procedure based on internationally recognised [sustainability criteria](#). Partial funding of projects is possible.

Please note that SEPS financial support cannot be used for:

- product development
- product launches and product marketing
- research studies
- big dams

Please note: The following form is optimized for Adobe Acrobat Reader ([free download](#)). If you have problems completing it, please contact the WISIONS team (info@visions.net).



SUSTAINABLE ENERGY PROJECT SUPPORT (SEPS)
Regional call for project proposals in Southern and South East Asia 2014

SEPS Project Proposals – Application Form

Application Form

CONTACT DETAILS:

ORGANIZATION*
CONTACT PERSON (FIRST NAME, LAST NAME)
ADDRESS
CITY
POSTCODE
COUNTRY
TELEPHONE
FAX
E-MAIL
HOMEPAGE (IF APPLICABLE)

*Project partners are to be named in section 4.3

WORKING TITLE OF THE PROJECT:

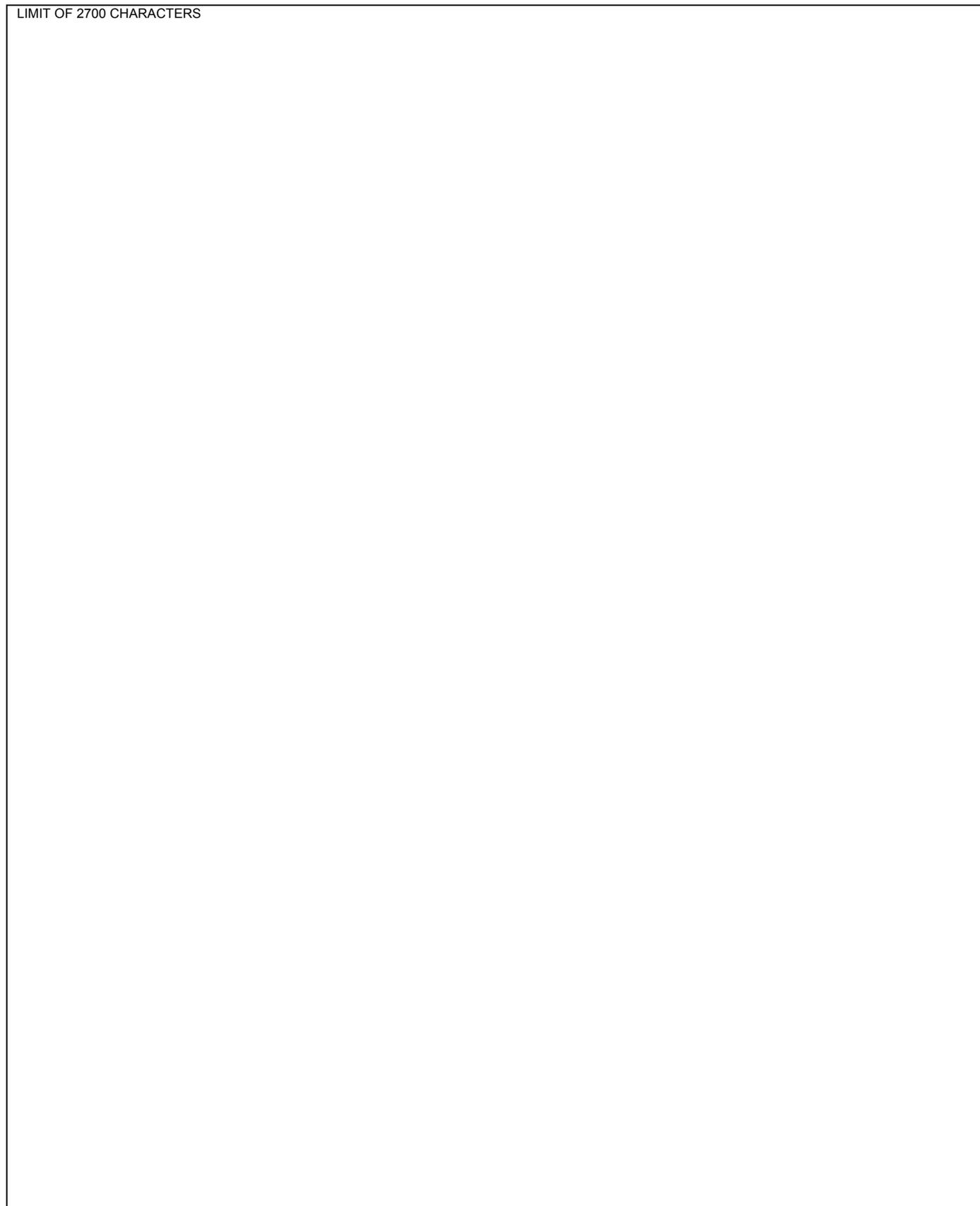
TITLE

Please complete the following sections, bearing in mind the maximum number of words per section.

1. PROJECT OBJECTIVES AND SUMMARY

Please outline the objectives and give a short description of the proposed project:

LIMIT OF 2700 CHARACTERS



Aspects to consider: objectives, location, unique or innovative factors, project activities/steps, technology and/or method, partners involved, anticipated outcomes and overall duration and costs.

2. CRITERIA

2.1 TECHNICAL VIABILITY:

The project must be technically feasible to implement. Technological know-how within the project team (or from experts involved as project partners) is essential, as well as proven availability of resources (e.g. adequate water flows, seasonality, etc.). Appropriate local expertise to maintain the appliances and provide sound operational management is crucial and may need to be developed to ensure that the appliances installed can be operated independently in the long-term.

LIMIT OF 2000 CHARACTERS

Aspects to consider (if applicable): technology used, local environmental conditions of project site (pre-feasibility study), practicability, structure of the project team, local experts/capacity and relevant technical expertise, maintenance, dependency on imported technology and duration of implementation (should be possible within 1 to 2 years). Concrete data on relevant technological and environmental parameters (e.g. water flow characteristics, head) can be determined in a feasibility study at the beginning of the project (if accepted for funding).

→ *If possible, please attach a technical image or description of the technology to be implemented.*

→ *Please note that WISIONS does not dispatch experts to provide on-site technical support.*

2.2 MANAGEMENT MODEL AND ECONOMIC SUSTAINABILITY:

What type of management model is proposed for your project? How will responsibilities (e.g. supply of inputs, ownership, O&M duties, payments etc.) be distributed and regulated among the actors involved? Can the project build on existing local institutions or structures?

SEPS can help to fund the up-front cost of renewable energy projects, but is unable to offer long-term support. Please describe your strategy for securing the operation of the supported technologies in the long-term. Information on the current local economic situation, as well as the willingness of the local population to pay for energy services, may be of interest in order to demonstrate the economic feasibility of your project concept.

We welcome additional funding sources for the project implementation.

LIMIT OF 2000 CHARACTERS

Aspects to consider: income level of households, existing/expected economic activities, possible barriers to the project, long-term economic sustainability, funding and capacity-building for maintenance, retrofitting and management, securing the involvement of local stakeholders/authorities and regular visits by the implementing organization beyond the project period. Concrete data on relevant economic parameters (e.g. energy expenditure of households, current energy use) can be determined in a baseline study at the beginning of the project (if accepted for funding).

2.3 ENVIRONMENTAL BENEFITS (local and global)

SEPS supports renewable energy and energy efficiency projects. Consequently, global aspects to be considered are the avoidance of fossil fuel use and CO₂ emissions. Please apply the Environmental Performance Calculation Procedure to work out these figures. We consider that the CO₂ reduction potential is low in regions with no or low use of fossil fuels. In these cases, we will consider the comparison with the introduction of fossil fuel appliances rather than the technology to be implemented.

Local environmental conditions are of particular importance for the welfare of the population in the project area. Therefore, we take local and environmental benefits into account, together with any negative environmental side effects caused by the project. Please describe the local and global impacts of the project.

LIMIT OF 2000 CHARACTERS

Aspects to consider: reduction of primary fossil energy use or nuclear energy use, energy efficiency potential, use of resources, risks of negative ecological side effects, land consumption, water consumption and water pollution, interference with food supply, intervention in nature and landscape and health impacts.

Concrete data on relevant environmental parameters (e.g. erosion, deforestation, water purity) can be determined in a baseline study at the beginning of the project (if accepted for funding).

→ Please calculate the potential avoidance of CO₂ emissions and fossil fuel use of the project and attach it to the application (see [☒ emission performance calculation](#)).

2.4 SOCIAL CONTEXT AND IMPACT

The implementation of an energy project can be a significant intervention in the social context. The social setting influences the adequate functioning of the technology and its management and both have an impact on social relations and vice versa. Because of these interdependent relations the complexity of the technology and the applied management model must be appropriate for the local context.

Please give details on relevant aspects of the social context (e.g. the involvement of the local population, existing local organizational structures, cultural habits, the role of the local authorities) and describe the anticipated social impact of the project (e.g. poverty reduction, employment, gender issues).

LIMIT OF 2000 CHARACTERS

Aspects to consider: inclusion of local population/structures, poverty reduction, capacity-building, employment creation, co-operation with other stakeholders, health impacts.
Concrete data on relevant social parameters (e.g. literacy, health, employment) can be determined in a baseline study at the beginning of the project (if accepted for funding)

2.5 INNOVATIVE ASPECTS OF THE PROJECT

WISIONS aim is to support the implementation and testing of innovative ideas that address energy needs in sustainable ways. Having said that, WISIONS interprets innovation in a broad sense. Consequently, as well as (or instead of) demonstrating technological innovation, projects may comprise other innovative aspects, for example related to organization, finance, management or political aspects. Please note: SEPS does not support the straightforward replication of projects that are already in mainstream use.

Please describe the innovative aspects of your proposal.

LIMIT OF 2000 CHARACTERS

3. IMPLEMENTATION AND SUPPORT

3.1 IMPLEMENTATION STRATEGY AND PROJECT STEPS/ACTIVITIES

The project must have a sound and comprehensive concept, be in an advanced phase of development and be ready for implementation.

Please outline your implementation strategy and give details about project activities/steps. Take into consideration a baseline and feasibility study at the beginning of the project.

LIMIT OF 2000 CHARACTERS

Aspects to consider: planned course of action, project activities or steps and time schedule, obstacles to overcome and actions to facilitate implementation.

- *It must be possible to implement the project within a short time period (around one to two years).*
- *Please include a **detailed time schedule** for the duration of the individual working steps as part of the detailed documentation.*

3.2 REPLICABILITY AND DISSEMINATION CONCEPT

The project should be replicable or have clear potential benefits for projects in other areas. Existing production or supply structures, a high level of interest among the local population and the general public, and well-established links to potential users of the technology and to local and national politicians are advantageous.

It is crucial to inform and include the local population and politicians about the project if new energy services are to be accepted and supported locally. Thorough dissemination of information is necessary in order to convince local stakeholders, such as authorities, funding institutions or project developers. This can help to increase not only the acceptance but also the replication of the project.

Please outline the replication potential and dissemination programme that you are aiming to implement:

LIMIT OF 1000 CHARACTERS

Aspects to consider: similar projects in the region, replication potential (both locally and in other regions), interest of the general public and local users, existing production structure or supply structure, written project information, workshops or information events, media contacts and site visits with local or regional politicians.

3.3 FINANCIAL SUPPORT

Please provide the following key financial information. Please submit a separate supporting **detailed budget plan (in Euros)** together with this application form (see section 5.1).

TOTAL PROJECT BUDGET (in EUR):
BUDGET REQUESTED FROM WISIONS (in EUR):
POTENTIAL ADDITIONAL FUNDING (own resources, other funding organizations) (in EUR):

→ *The SEPS grant fund is given in Euros. We therefore have to ask for your budget calculations to be in Euros. Please take average currency fluctuations into consideration, as it is not possible to adjust the grants later.*

4. ORGANIZATIONAL ISSUES

→ You can give additional details on all organizational issues in the detailed supporting documentation (see section 5.1).

4.1 DESCRIPTION OF APPLICANT/ORGANIZATION

Please give a short description of your organization and the project team involved:

LIMIT OF 300 CHARACTERS

4.2 EXPERIENCE AND PROJECT REFERENCES

Please provide information about relevant experience acquired by your organization and projects already implemented:

LIMIT OF 500 CHARACTERS

Aspects to consider: projects already implemented and contacts in the region.

4.3 PROJECT PARTNERS (if applicable)

If you are planning to co-operate with other organizations or experts, please list them here and briefly describe their role in the project. Additional data about your partners and their role can be given in the detailed supporting documentation (see section 5):

LIMIT OF 300 CHARACTERS

5. DOCUMENTATION

5.1. DETAILED SUPPORTING DOCUMENTATION

Applicants can submit **detailed supporting documentation** including a comprehensive description of the key aspects and arguments in favour of the project.

The length **must not exceed 10 pages, including:**

- a **project budget in Euros**
- a preliminary **time schedule**
- a **calculation** demonstrating the potential avoidance in **fossil fuel use** and **CO₂ emissions** (if possible)

6.2 DATA ACCEPTED AND DATA SECURITY

Only documents in the following formats will be accepted: printed paper documents, fax, electronic text documents and photos or drawings as supplementary material. CDs, video tapes and DVDs will not be accepted. Please do not submit any original documents. All documentation will be destroyed after the application process has been completed.

WISIONS cannot accept any liability or responsibility for any documents submitted, or for the loss of such documents. All data will be treated confidentially and will only be used for assessing the eligibility of your project for SEPS support.

5.3 AFFIRMATION

□ I _____ hereby state that the information provided is true and that false information can lead to expulsion from the application procedure. I agree that the information I send may be used for publication and/or further publication by **WISIONS**.

5.4 ADDRESS

To submit your application, please send this form via e-mail to **info@wisions.net** or as a printed document to:

WISIONS

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Doeppersberg 19
42103 Wuppertal
Germany
Fax: + 49 202 2492 – 198