



San Diego Clean Tech Initiative Application Guidelines

Overview

The von Liebig Center and the City of San Diego are pleased to announce a request for innovative clean technologies from faculty and researchers for the 2008 San Diego Clean Tech Initiative. Clean technology is an emerging sector of a range of products, services and processes that harness renewable materials and energy sources, reducing the depletion of natural resources and reducing or eliminating pollution and waste to create sustainable and secure energy sources. The Initiative seeks to fund and provide business mentoring services to faculty and researchers with advancements in solar power, wind power, hybrid vehicles, fuel cell technology, tidal and wave power, bio-diesel, green building materials and water treatment systems to accelerate the commercialization of these technologies.

Below, please find the funding application guidelines with suggestions and recommendations on how to apply for funding. Several business advisors at the von Liebig Center are available to answer any questions or concerns and can help and advise you on the completion of your application. If you would like to consult with one of them before submitting a statement of intent (SOI) and we **strongly recommend** that you do so, please send an e-mail to vonliebigadvisors@soe.ucsd.edu, or contact Rosibel Ochoa, Commercialization Director, at rochoaf@soe.ucsd.edu to schedule an appointment with a von Liebig Center business advisor.

Eligibility

To be considered for funding:

- The project must be in the broad field of Clean Technology as described above.
- Technologies must come from faculty and researchers at research institutions in the San Diego region.
- All technologies must be protected by provisional or full patents filed with the inventor's respective institution prior to applying for the Initiative.

Schedule

- March 24th, 2008 Invitation to Apply
- June 27th, 2008 Statement of Intent Application Due
- August 1st, 2008 Full proposals Due to the von Liebig Center
- Sept. 10-11th, 2008 Presentations to Expert Panel (tentative dates)
- Sept. 24th, 2008 Funding Announcements

Statement of Intent Application Information

To be considered for the Cleantech Initiative, a Statement of Intent (SOI) to apply must be submitted via e-mail to VonliebigContact@soe.ucsd.edu **by 4:30p.m. on June 27th, 2008**. The Statement of Intent must contain the name of the Principal Investigator (PI), the project title and a brief outline of up to 500 words describing the project. SOI's that exhibit high potential will be invited to submit a full proposal.

Proposal Information

The full funding application must be submitted via e-mail to VonliebigContact@soe.ucsd.edu, **by 4:30p.m. on August 1st, 2008**. By that date please complete the application describing the project you propose. Answer the questions to the best of your ability. Below, please find a sample application which provides you with detailed instructions on how to complete each section of the funding application. Proposals that exhibit high potential will be invited to present to the Review Panel.

Judging Information

Carefully selected reviewers with both technical and business expertise will then review and evaluate the presentations and recommend candidates for funding to the Cleantech Initiative. You should not assume that all the reviewers will be experts in your underlying technology. Please provide the information in a manner that they will be able to judge the technical feasibility and the commercial value of your technology. To learn more about the von Liebig Center how Grant Awardees will be selected, please visit <http://www.vonliebig.ucsd.edu/about/faq.shtml>.

Business Mentoring Services

The von Liebig Center business mentoring services are provided by a team of consultants who possess senior-level product and corporate development experience in broad areas of high technology obtained within major corporations as well as startups. These individuals can assist you in analyzing the commercial potential of your research and can advise you on the alternative pathways toward commercialization. In addition, they can guide you through the application process and work with you to develop a presentation for the selection panel. To learn more about the von Liebig Center Commercialization Services please visit <http://www.vonliebig.ucsd.edu/about/faq.shtml>.

Awards

Projects that demonstrate high potential may be awarded a Seed Grant of up to \$50,000 for proof-of-concept studies or prototype construction.

Sample Funding Application

Below, please find a **sample funding application**. Please click on the following link for the application for you to complete and submit. ([Funding application](#))

Completed applications must be:

- Submitted via email to VonliebigContact@soe.ucsd.edu, by 4:30 pm on August 1st, 2008.
- No more than 10 pages in length, including any attachments, using Arial 11 font size,
- Submitted in **MS WORD ONLY**

Name(s) and e-mail(s) of Principal Investigator(s):

All official communications will be sent via e-mail to the PI and co-PI's listed in this proposal.

Project Title (150 characters max):

This title should concisely describe the technology you are proposing and its potential commercial application.

Specific Project Goals: (0.5 page max)

This section summarizes the expected project outcomes. Briefly describe the development goals and why reaching these goals will lead to the commercialization of this technology.

You should also briefly describe the market in which this technology could be commercialized and its potential significance.

Project Plan (2 - 4 pages):

State the overall objective of the project.

Describe here the background and your preliminary studies that lead to the development of this technology. Describe how this work has been funded and by whom. Reference key literature on the subject. If there is a further description of existing work or background information on the web, please list the URL.

Describe the development work you want to undertake with this funding and the methods you will use.

Include a timetable – or program plan - of the project and anticipated milestones. If possible, please also indicate how meeting each of these milestones will support the commercialization objective for the technology.

If this work is to be performed within an existing Research Group, include the URL for more information on that center or group, or describe where work will be done.

Commercialization Potential/Ideas (1 - 2 pages):

List potential commercial uses where you think this technology may be applied. For example, identify and describe a specific problem that you feel is in need of a significantly better solution.

How does your technology solve this problem? Is this the only area where the technology could be applied, or have you thought of others?

Identify existing products or processes that your technology may enhance or compete with.

Describe any discussions – formal or informal - with individuals in industry about your proposed project.

Outline plans for commercialization beyond support from the von Liebig Center.

Team Members and Biographical Sketches: (max of 2 pages)

List individuals who will be working on the project, collaborators and Advisors – add lines to the table as required. Include "to be named" positions (TBN). Provide level of effort of each individual as a % of their time.

Provide brief biographical sketches on the key participants and consultants/Advisors; specify their expertise, key references that are relevant to this project, and their proposed contribution to this project.

Describe who is responsible for the completion of key tasks.

If you have a large number of people involved in the project, an organization chart should be included in this section.

For more background information on various researchers you may add URL's to individual researchers' full curriculum vitae.

Intellectual Property (max of 1 page):

List any existing intellectual property and ownership related to the technology for development.

Is your institution's technology transfer department aware of the work you are doing in this field and have you already discussed with them your development? If so, with whom?

Do you have any provisional patents filed that will require additional funding for the full patent filing?

If no work has begun on legal protection of the technology, describe how the idea or invention has been documented to date (for example, is the idea outlined in a signed and dated lab note books). Also list to whom the invention has been disclosed and in what form.

What intellectual property do you think may be developed with this funding? To achieve your objective is there intellectual property from elsewhere that will have to be licensed?

If relevant, list all proprietary materials and tissues (including material transfer agreements) that will be used in this project.

If relevant, list any research partnerships or collaborations with entities outside your research institution and describe your relationship with them.

Has this technology been disclosed in a public forum? (Publications, Conferences) If so, list the disclosures and the dates they occurred.

Project Budget Summary:

Include only direct project expenses – including all fringe benefits. It should not include overhead costs.

Requests up to \$50,000 will be considered.

Funded recipients will be required to develop a more detailed, mutually acceptable budget with von Liebig center business advisors before funding will commence.