

## Pure Water Nutritious Food Sustainable Energy Modern Medicine

“Support innovative science-based start-ups that will make a difference for presently marginalized people”

Modern science has created an astounding possibility to improve human life. But we don't use its full potential.

More people than ever go to bed hungry. More people drink unsafe water. More people lack basic sanitation. More people suffer from malnutrition and illness.

The Swedish Sustainability Foundation (SSF) believes that this suffering can be brought to an end.

SSF supports young innovative scientists to start projects and enterprises that use modern science for sustainable improvement of human life.



Mobile clinic to treat arsenic victims

”PUT THE LATEST SCIENCE IN THE SERVICE OF THE POOR”

## PRESENT PROJECTS

### MOBILE CLINICS FOR TREATMENT OF ARSENIC POISONING



Millions of people suffer from serious arsenic poisoning in Bangladesh and in many other countries. According to the WHO it is the largest mass poisoning catastrophe in history. Arsenic poisoning has until now been regarded incurable. Now a young scientist has opened a clinic. A cost effective treatment, will completely cure the poisoning after only three months of treatment. SSF will help him expand activities.

**ABDUL KADER**, M.Sc. Microbiology, MBA in Marketing, Ph.D.  
Molecular Microbiology



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### SMALL-SCALE RENEWABLE POLYGENERATION IN BANGLADESH FOR ELECTRIC POWER GENERATION AND ARSENIC-FREE WATER PRODUCTION



The Royal Institute of Technology and the Nobel Price winner Grameen cooperate in a project that uses biogas from local dairies, to run a generator, from which waste heat will be used to purify water. Dairy products, electricity and clean water in rural areas would make it possible for the rural people to make a living instead of moving to the slum of the cities on the hunt for a job. SSF will spread this technology in many countries.

**ERSHAD ULLAH KHAN**, M.Sc. Mechanical Engineering



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### THE PROVISION OF SPIRULINA. ONE ANSWER TO ERADICATE MALNUTRITION AND POVERTY BY EMPOWERING WOMEN



The number of starving people in the world has increased during the last decade. The algae Spirulina is known as an expensive dietary supplement in the health food industry. In a tropical climate it is inexpensive to produce because it only requires sunlight and water. The project teaches production methods that can be used in every household. Only two grams of these dried algae – two dessert spoons – give the daily need of proteins for a child. SSF will spread this technology.

**SHILPA KATTI**, M.Sc. Biotechnology



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# THE BOARD



## Vinay Chand

Vinay Chand, 1945, Senior international marketing consultant, B.Sc. Economics and M.Sc. London School of Economics. Advisor in market strategic questions for international organisations such as EU, UN, World Bank and Asian Development Bank.



## Roland Möllby

Roland Möllby, 1944, Professor in Medical Bacteriology at the Department of Microbiology, tumour and cell biology at Karolinska Institutet. He has run scientific projects in Bangladesh, Mozambique, Nicaragua and Iran. Founder of the PhPlate Microplate Technologies AB.



## Lennart Nilsson

Lennart Nilsson, 1941, Senior Research Engineer in chemical Engineering and Industrial Ecology at the Royal Institute of Technology, MSc, Chem. Engineer. He is also working with consultancy research and as expert for the African Development Bank, SIDA and the Swedish National Board of Universities and Colleges (HSV).

## DEPUTY MEMBERS



## Elisabeth Norin

Elisabeth Norin, 1944, Associate Professor in Medical Microbial Ecology at the Department of Microbiology, Tumour and Cell Biology at Karolinska Institutet. Her main field is Intestinal Ecology in man and animal.



## Björn Frostell

Björn Frostell, 1947, Associate Professor Research Sustainable Development at the Royal Institute of Technology. Main present focus is Industrial Ecology with emphasis on LCA of products, services and systems. Sustainable energy and water systems are also of interest. He has served 3 years as a President for the Swedish Research Association for Sustainable Development.



## Margareta Kucharczyk

Margareta Kucharczyk, 1983, is Project Officer at SSF and is working on an ongoing project in Bangladesh (cure for arsenic poisoning).

## LAWYERS

Thorelli & Associates, Chicago, USA

## ACCOUNTANTS

Öhrling PriceWaterhouse Coopers, Stockholm, Sweden

## SOCIAL START-UP INVESTING

Latest science enables a leap-frog approach to many business needs in developing countries. Mobile telecommunications, computer learning, solar power, distributed energy, nutritional health are some areas.

The Swedish Sustainability Foundation finances sustainable start-ups in the areas of energy, nutrition and health.

SSF grants seed capital to science based ventures for them to be able to reach break-even or get expansion finance from other sources.

To be selected for evaluation, the start-up must address a clearly seen need in a marketable way. It is then evaluated by scientific experts associated with SSF.

### *From the by-laws:*

The purpose of the foundation is to support innovative science-based projects in the area of environmental ecology and health. The projects must be sustainable in the long term perspective in technical, medical, ethical and ecological terms, have long term economical soundness and further long term social development, equality and welfare.

The board consists of scientists from Karolinska Institutet and the Royal Institute of Technology, (both Stockholm, Sweden) and business experts.



“I have worked for decades on international aid programs and in promoting and financing new science start-ups. The Swedish Sustainability Foundation is a way to create leverage to business innovations that promote welfare and sustainability.”

*Aapo Säask*  
Founder of SSF

## CONTRIBUTE TODAY!

Your contribution will make a difference for marginalized people in the world.

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You can also contribute through our website: [www.sustainablefuture.se](http://www.sustainablefuture.se)



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