NanoLund

IMAGINE THAT ...

– your roof has invisible solar cells that are super-efficient at converting the sun's energy

– our communications tools are smarter and much more energy efficient

– everyone has access to clean water

– you use modern modes of transportation, without negative environmental impacts

– industry provides us with quality products while reducing the use of natural resources

– we receive diagnoses more quickly, and more personalised treatment when we get ill.

NANOLUND FOR A BETTER WORLD – IN THE MIDDLE OF SCIENCE VILLAGE

NanoLund at Lund University is building a new modern laboratory in Science Village, a unique international, innovative research and entrepreneurial environment connected to the world-leading research facilities ESS and MAX IV.

Nanolab Science Village and its close proximity to these new, unique research facilities will endow researchers with unparalleled opportunities to provide humanity with new knowledge. For the survival of civilisation, for quality life on Earth, for sustainable lives.

Imagine this being possible thanks to you!

Imagine!

Humankind is fantastic. Creative. With nanotechnology we have the key to revolutionary solutions for the planet and for man. For a better world.

Imagine that we save the climate and the environment while continuing to fly and live a modern life.

Imagine that we solve energy and environmental problems in a sustainable way.

Imagine that everyone on the planet has access to clean water. And light! That no child is forced to leave school because he or she doesn't have lighting at home and cannot read after dusk.

Imagine new and smarter diagnostic methods that enable us to identify serious illnesses quickly and simply, in time to cure them. Methods that everyone can afford. And that this leads to better treatments for each individual patient.

We have some of the solutions already. Others are well on their way to being found with nanotechnology. For a sustainable world without sacrificing the benefits of a modern lifestyle.

With nanotechnology, humankind can literally improve our world, nature's own resources, through enhancing and adding new, desirable characteristics. Nanotechnology adds new innovative possibilities to traditional engineering that affects everyone.

With nanotechnology we can create better conditions for humanity and the planet! And better conditions for communicating between people.

With nanotechnology we can use knowledge about how the human brain functions when designing computers. The next generation of computers will be intelligent. We can build bio-computers with nature's own technology. They will be faster, smaller, more energy efficient and more environmentally friendly.

More powerful solar cells, lighting that requires less energy, and new methods for purifying water are examples of the possibilities of nanotechnology.

NanoLund's new lab in Science Village will provide industry with the opportunity to establish its development efforts and experimental production units in close proximity to the laboratory research of nanotechnology experts. A new, dynamic, world-class centre of excellence for research and industrial applications is emerging.

Nanotechnology offers groundbreaking methods for addressing many of humankind's greatest challenges in a sustainable way. Now we can get it right from the beginning! This time, technological progress will not create new challenges. Sustainability and safety form a common thread through NanoLund's new lab in Science Village, Sweden, Europe, the world!

Nanotechnology gives us sustainable civilisation!

Imagine that we have the possibility to create a better world for our children. We can find new solutions that integrate sustainability from the outset. And that Nanolab Science Village, with your help, plays a decisive role in this.

Invitation to collaborate with Lund University in establishing NanoLund's new laboratory Nanolab Science Village

NanoLund at Lund University is a strong, internationally leading, interdisciplinary research environment. Over 300 world-renowned researchers in technology, natural science, the social sciences and medicine collaborate in studies of nature's absolutely smallest components. Through a deep understanding of how nature is structured, researchers seek knowledge to contribute to improved conditions for humankind and the planet. The Swedish government has given NanoLund the status of a Strategic Research Area and provides long-term support.

Lund University is inviting external stakeholders to collaborate and co-finance the establishment of NanoLund's new cleanroom laboratory for nanoscience in Science Village.

The desired external capital is 200 million Swedish crowns.

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