

# Solarus

## Renewables AB

(Publ) Teaser



Solarus works with solar energy. The Solarus companies have developed, manufactured and sold highly efficient hybrid solar collectors that provide both hot water and electricity. Solarus is established with six companies in four countries Sweden, the Netherlands, the USA and South Africa and a seventh under formation in Cyprus. Solarus Renewables AB is a world leader in research and development of hybrid solar collectors and a direct or indirect shareholder in other Solarus companies. Solarus solar collectors have so far been installed in over 100 locations in 28 countries on 4 continents.

The need for change has never been more urgent than now. However, we have no shortage of energy on Earth, approximately one and a half hours of solar radiation on Earth is enough to cover the world's annual need for energy. It is only a matter of harnessing the solar energy and that is Solarus Renewables AB's area of expertise. Approximately 23% of solar radiation is

### Terms

Share price SEK 6

Pre-money valuation SEK 18 432 000.

Volume of issuance SEK 5 550 000

By 2022-12-05 we know that the issue will be over-subscribed. There is room for over-allotment of up to another SEK 13 650 000 and the board will have a positive attitude towards over-allotment.

**Subscription time until 2022-12-12 at 1 pm**

Settlement date 2022-12-16.

<https://solarus.re>

in the wavelength range that silicon cells can convert into electricity, which means that the efficiency in practice is barely 20% for a traditional silicon-based solar panel. Solarus solar collectors also take advantage of the long-wave heat radiation from the sun, which leads to 50 - 300% higher efficiency, sometimes more, depending on the ambient temperature, solar angle, how clear the sunlight is and system solution.



At times, near 90% of EU's natural gas imports is used for heating and 10% for electricity. Making hot water with electricity from traditional solar panels

is not a good idea, partly because the solar panels in practice have an efficiency of barely 20% and further losses occur during the conversion from electricity to hot water. With the low efficiency, a much larger sunny area is required to cover EU's energy needs with traditional solar panels, and that much sunny roof space is simply not available in our densely populated regions. In large parts of Europe, there is not enough renewable electricity available, so electricity is made from burning of coal, oil or natural gas in power plants with low efficiency. Taking the heat directly from the sun with high efficiency is both easier and cheaper than making electricity which is converted into hot water provided the installation isn't too small.

Setting up a hybrid solar collector, instead of a regular solar collector and a solar panel next to each other, means that less surface is needed. It uses fewer resources and costs less to manufacture, transport and assemble one unit instead of two. Solarus Renewables can achieve more conversion with less resources and costs, which is why Solarus Renewables is needed to reach local energy security.



*Part of Solarus production line in the factory in The Netherlands. The production line is moved, and the new factory will be located in Florida, USA where the new hybrid solar panels will be manufactured.*

Solarus Renewables AB is participating in several European research and development consortia with participants from industry, research institutes and universities and has submitted several grant applications to EU, which, if granted, could give Solarus Renewables AB millions in grants.

As of 2022-08-08 Solarus Renewables is second largest owner with 12,9% in Solarus Smart Holding BV that holds 90% in Solarus Smart Energy Solutions Inc, that holds 100% in Solarus Smart Energy Solutions BV that holds 100% in Sol R Us

Pty. Solarus Renewables AB also holds 0,18% in Solarus Sunpower Holding AB and will initially hold 85% in Solarus Renewables Ltd.

Solarus Renewables has recently signed an agreement with [Black River Corporate Finance](#) to start the journey towards a listing of Solarus Renewables shares on an appropriate MTF list. Solarus Renewable's goal is that listing should take place in Q4 2023 or Q1 2024.

Subscription note is available here:

<https://solarus.re/subscription.html>