



SOLHOTAIR

Solar heating collectors

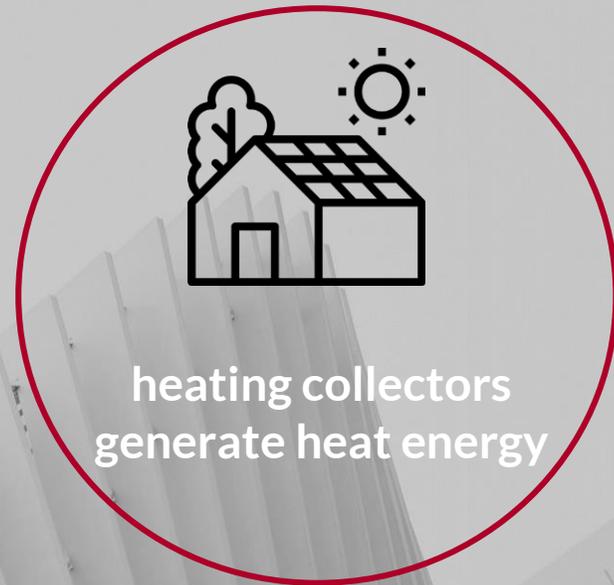
An effective way to reduce building heating costs

Different types of solar collectors



photovoltaic panels
generate electricity

SOLHOTAIR



heating collectors
generate heat energy

Problems with heat production



heat production is very expensive,
is twice as expensive as electricity production

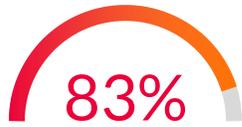


heat is mostly produced
from fossil fuels oil, gas and coal
It generates a huge carbon footprint



Unheated and non-ventilated buildings
rapidly fall to ruin

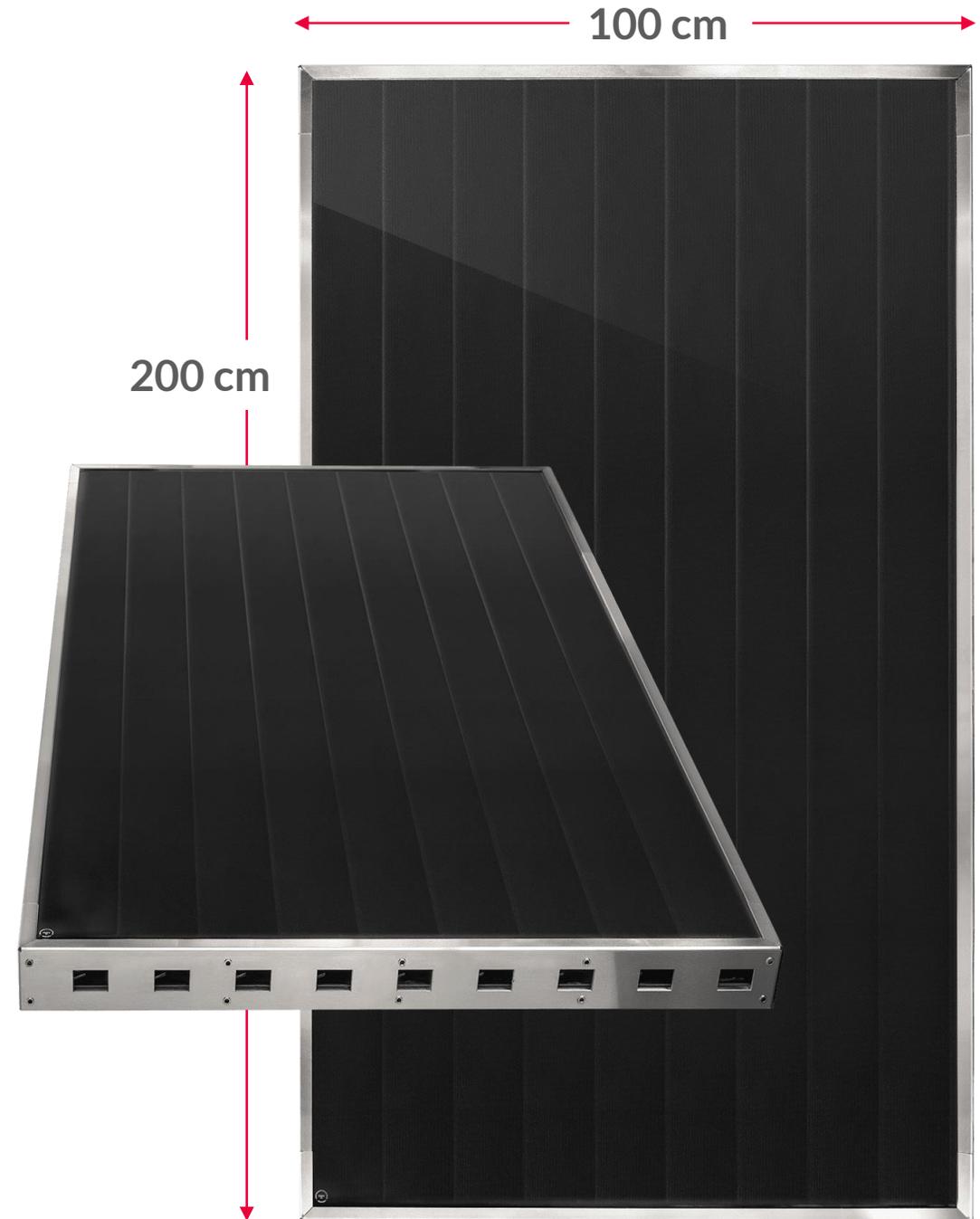
Our solution: Air solar heating collector



efficiency



cost & emission
reduction



SOLHOTAIR solution: Air solar heating collector

SOLHOTAIR technology enables efficient heat generation by converting solar energy into thermal energy by means of solar collectors. SOLHOTAIR collectors achieve an efficiency of 83%, i.e. 20% more than the best solutions presently on the market, while at the same time limiting the use of fossil fuels.

SOLHOTAIR technology constitutes a response to the challenges of the modern world (reduction of fossil fuel consumption, low emissions, environmental protection and climate change mitigation) as well as to rising energy prices.

Our USP: cost reduction and environmental benefits

The use of SOLHOTAIR solar collectors means savings in heating costs of an average of 40% per year, which in the case of industrial facilities translates into a reduction of operating costs.

One panel with 1.5m² of active surface area can generate around 2000 kWh of useful heat per year, which replaces about 200 m³ of gas or approximately 328 kg of hard (anthracite) coal. This reduces CO² emissions by 1650 kg CO² per year

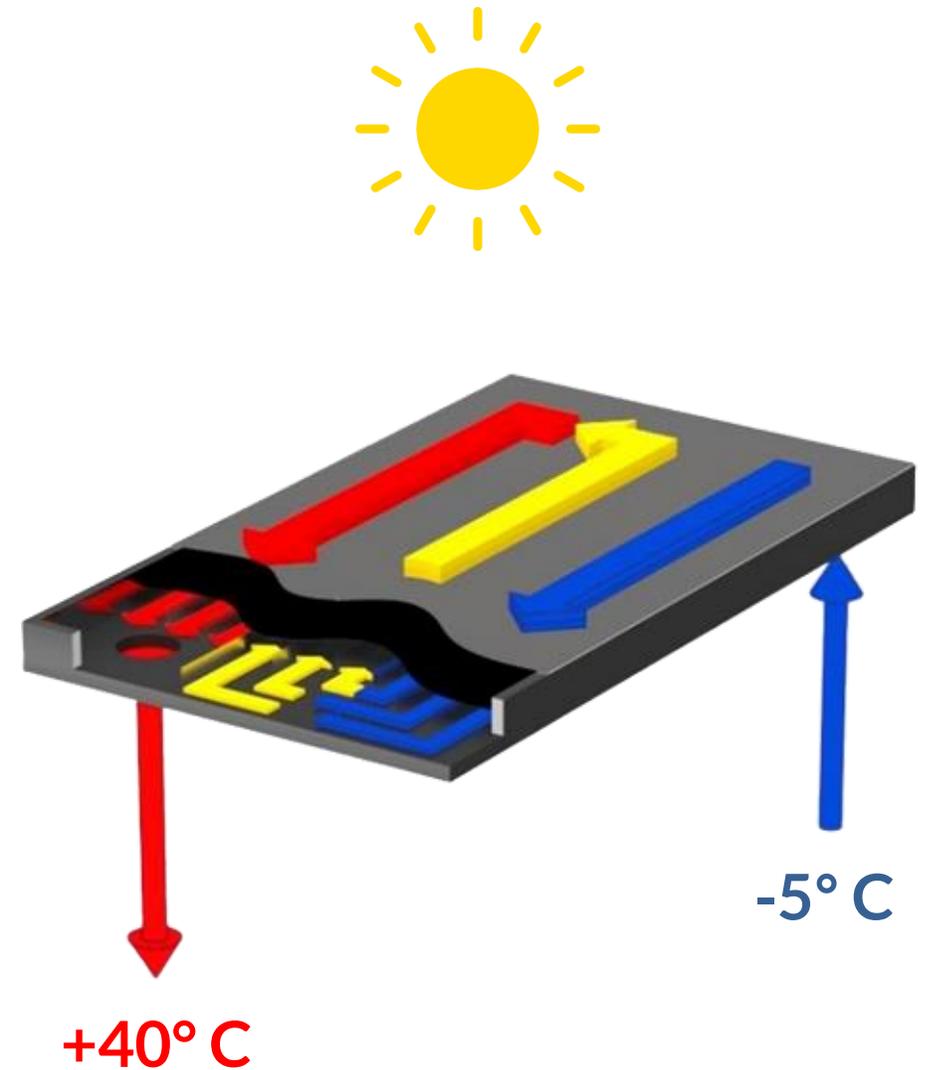
How SOLHOTAIR collector works?



efficiency



cost & emission
reduction



Main benefits

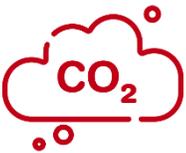


less heating costs

solar collectors can reduce heating costs by up to 40%



permanent ventilation and drying



emission reduction of CO₂



ecology

a fully ecological source of energy and it can be subsidies



Example: office building

office building

25,000 m² office space, 18 floors

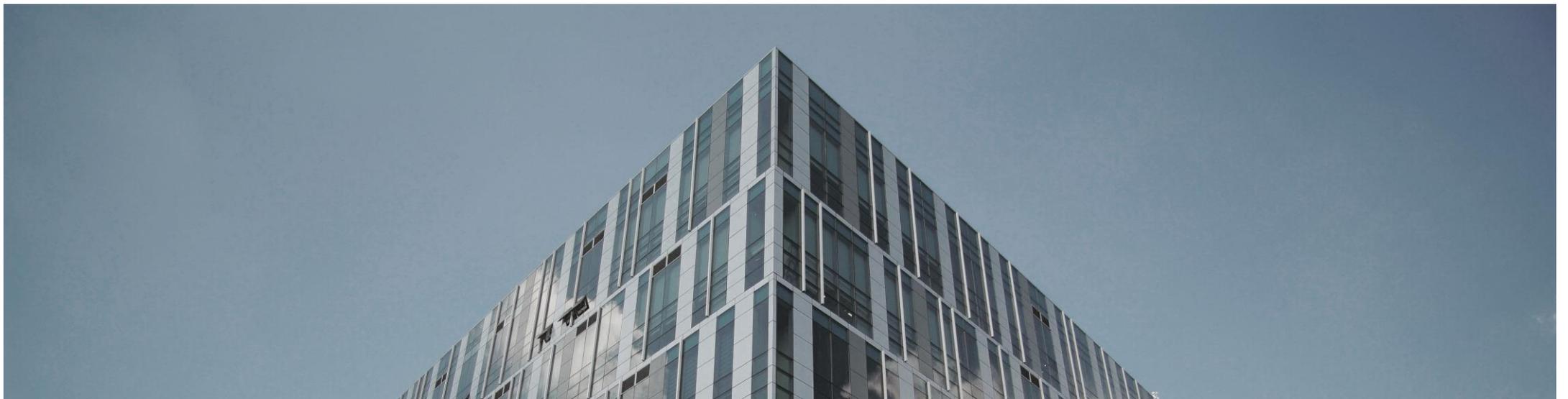
350 collectors installed on the roof

800 MWh during winter season

heating costs: EUR 120 000 per year

savings: EUR 45 000 per year

CO₂ savings: 350 tonnes





01.

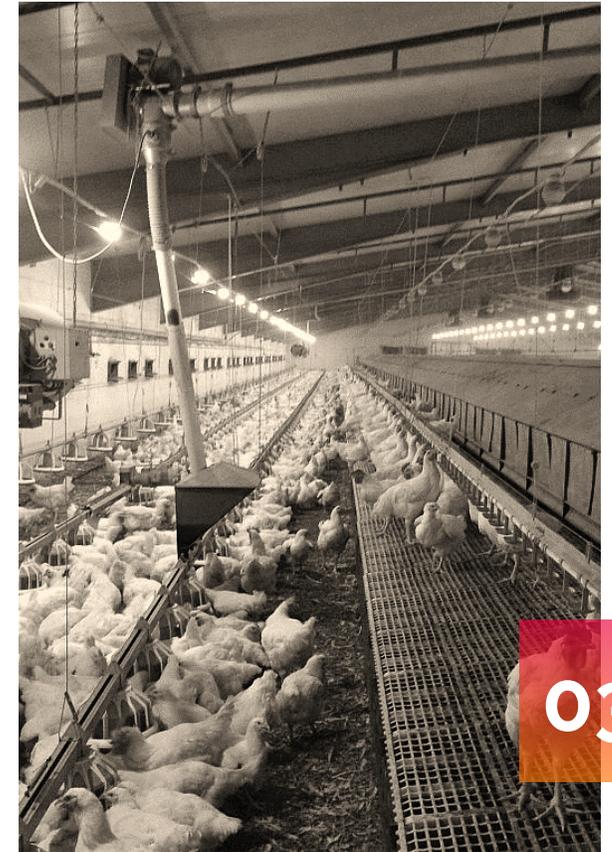
office buildings
& houses

Market segments

public utility buildings



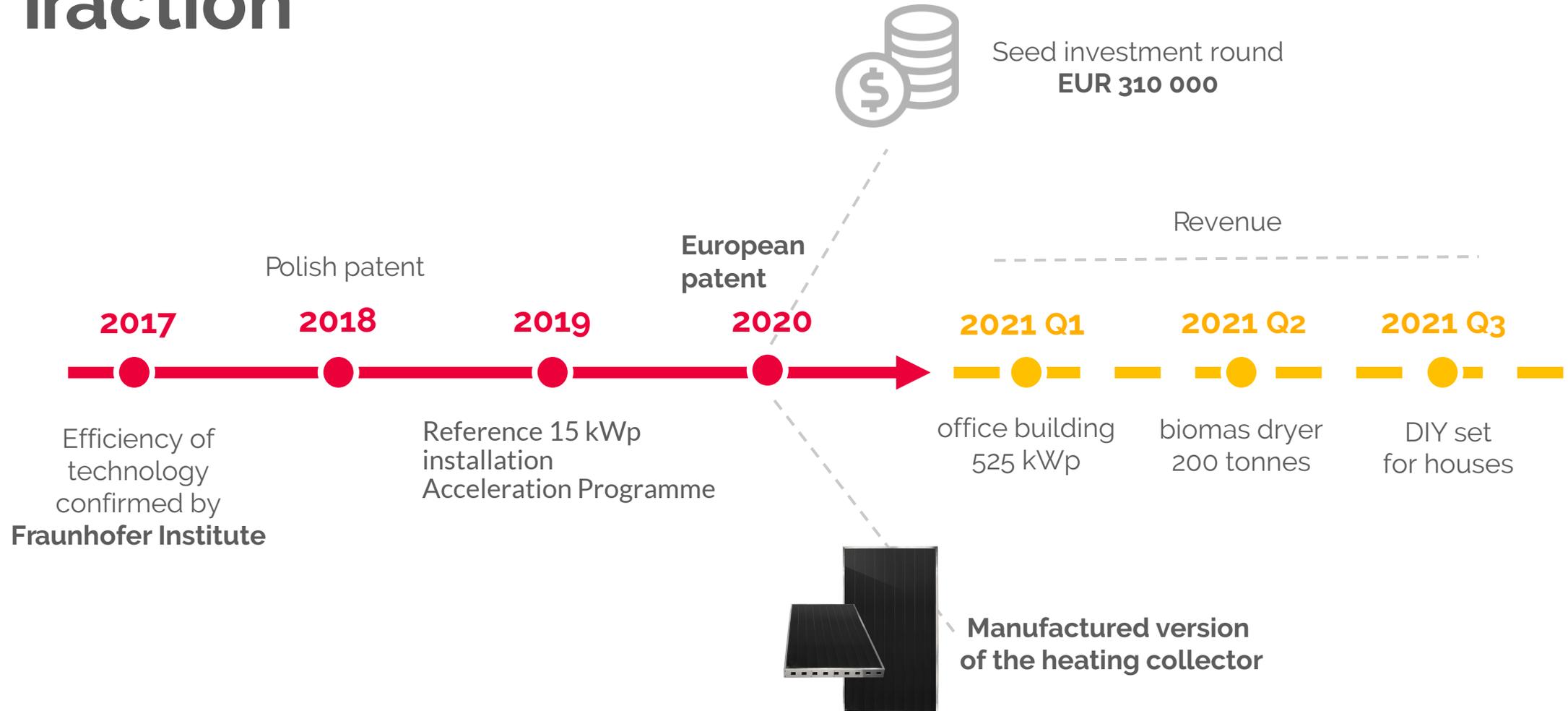
02.



03.

biomass dryers
& farm buildings

Traction

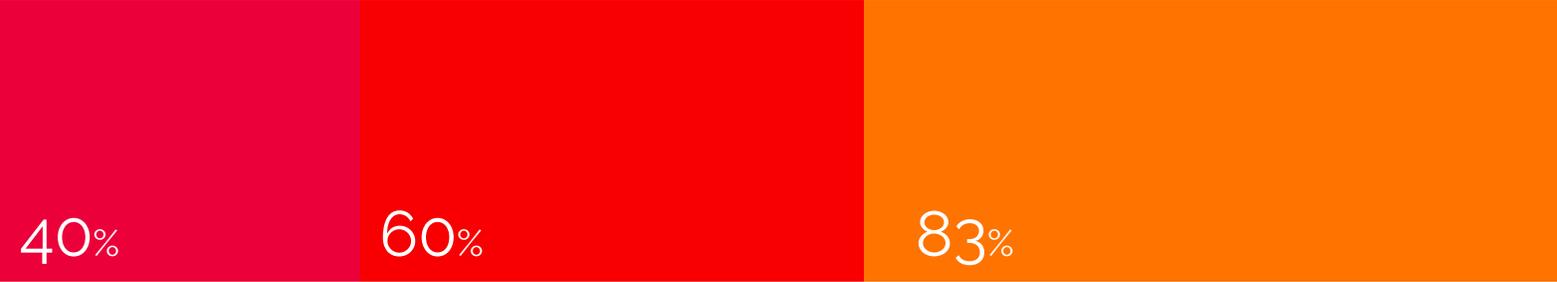


Competition

China
manufacturers

Denmark, Germany
and Canada
manufacturers

SOLHOTAIR
manufacturer



low efficiency

high efficiency



Our team



Mariusz Jeschke – CTO
chief engineer and creator
of technology

Małgorzata Stangreciak – CEO and finance

Dorota Jeschke – CMO marketing and customer relations

Grzegorz Maciaszek – COO and business development manager

Contact

Grzegorz Maciaszek

+48 509 687 572

g.maciaszek@solhotair.pl



SOLHOTAIR Sp. z o.o.
ul. Planty 21
05-080 Izabelin

