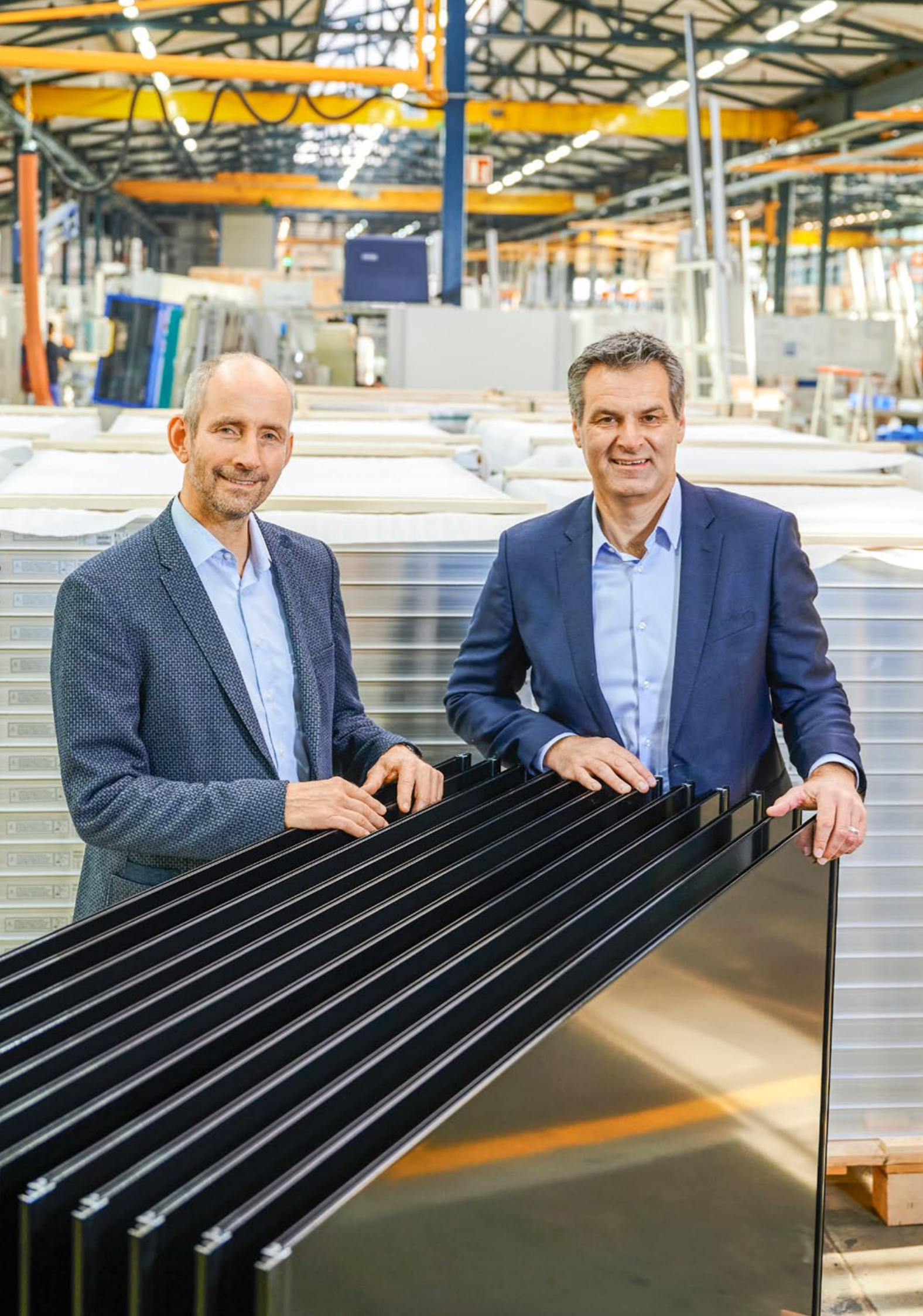


The roof of the future

In-roof photovoltaic mounting system Solrif®



The roof of the future integrates photovoltaic modules seamlessly. Combined with Solrif[®], the in-roof PV mounting system from Schweizer, the classic tile has been replaced: rainproof, weather-resistant and durable. Solar energy thus becomes a fully integrated component of the building. The application possibilities are almost unlimited, and open up completely novel design perspectives for both new buildings and renovations. The mounting system made of durable aluminum has delivered outstanding performance for over 20 years. Over 100,000 roofs and 800 MWp of installed capacity already testify to the excellence of the system. And nonetheless, the future has only just begun.

Dr Helge Hartwig, Head of Sales

Dr Sjef de Bruijn, Head of business unit solar systems

Turn your home into your own power plant

Do you value ecology, high-quality aesthetics and a self-sufficient supply of solar energy, even extending to electromobility? Solrif® is the answer to your requirements – whether for a single-family house or a multifamily house, for new buildings or renovation projects. There are hardly any limits to the architectural design freedom the system gives you. Solrif® offers numerous possibilities for individual solutions. Even photovoltaic modules are available today in various formats and colours. At the same time, with Solrif® Schweizer offers you a solution that is both sustainable and robust. Just as with traditional roof tiles, the PV modules with Solrif® are laid directly onto a roof truss. And the best thing about it: the solar roof finances itself in eight to ten years. This saves you the cost of roofing, and Solrif® gives you a more sustainable solution in the long term than either tiles or on-roof panels.

“Whenever high aesthetic standards are required, photovoltaic roof integration with Solrif® is the preferred and sustainable solution. In addition it is easy to install and reliable – just what you would expect with a system from Schweizer.”

Tobias Huber,
General Manager, Huber Dachtechnik



Single-family house
Küsnacht (Switzerland)



Single-family house
Glattfelden (Switzerland)



Single-family house
Kappel (Switzerland)



Single-family house
Obersiggenthal (Switzerland)

Solrif® for single family houses and multi family houses

- The solution for high aesthetic requirements
- Complete self-sufficiency with solar power
- High design freedom
- Rapid amortisation thanks to extreme efficiency
- Low energy costs in the long term



ABZ Residential development
Zurich, (Switzerland)

Take public and commercial buildings into the solar age!

If you look at urban habitat from a bird's eye view, you will notice that the use of solar energy still holds a lot of potential. In cities, and above all in public buildings, solar energy has often been ignored up to now – whether out of consideration for the townscape, or because a rooftop solution is too heavy for the structural integrity of older roof trusses. The Solrif® in-roof PV mounting system resolves this problem in an elegant way and can bring even listed buildings into the age of solar energy. The benefits for the environment and the long-term savings potential are enormous in every case, even in commercial buildings, where the low energy costs are directly reflected on the bottom line. Solrif® makes it easy for the public and commercial sectors to lead by example.

“The homogeneous appearance of the entire roof surface is important. The Solrif® in-roof PV mounting system is the best way to achieve this.”

Dieter Hartenstein, architect
Hartenstein Architects,
Altusried (Germany)



Halden ecumenical community centre
St. Gallen (Switzerland)



Eggeli school building
Sattel (Switzerland)



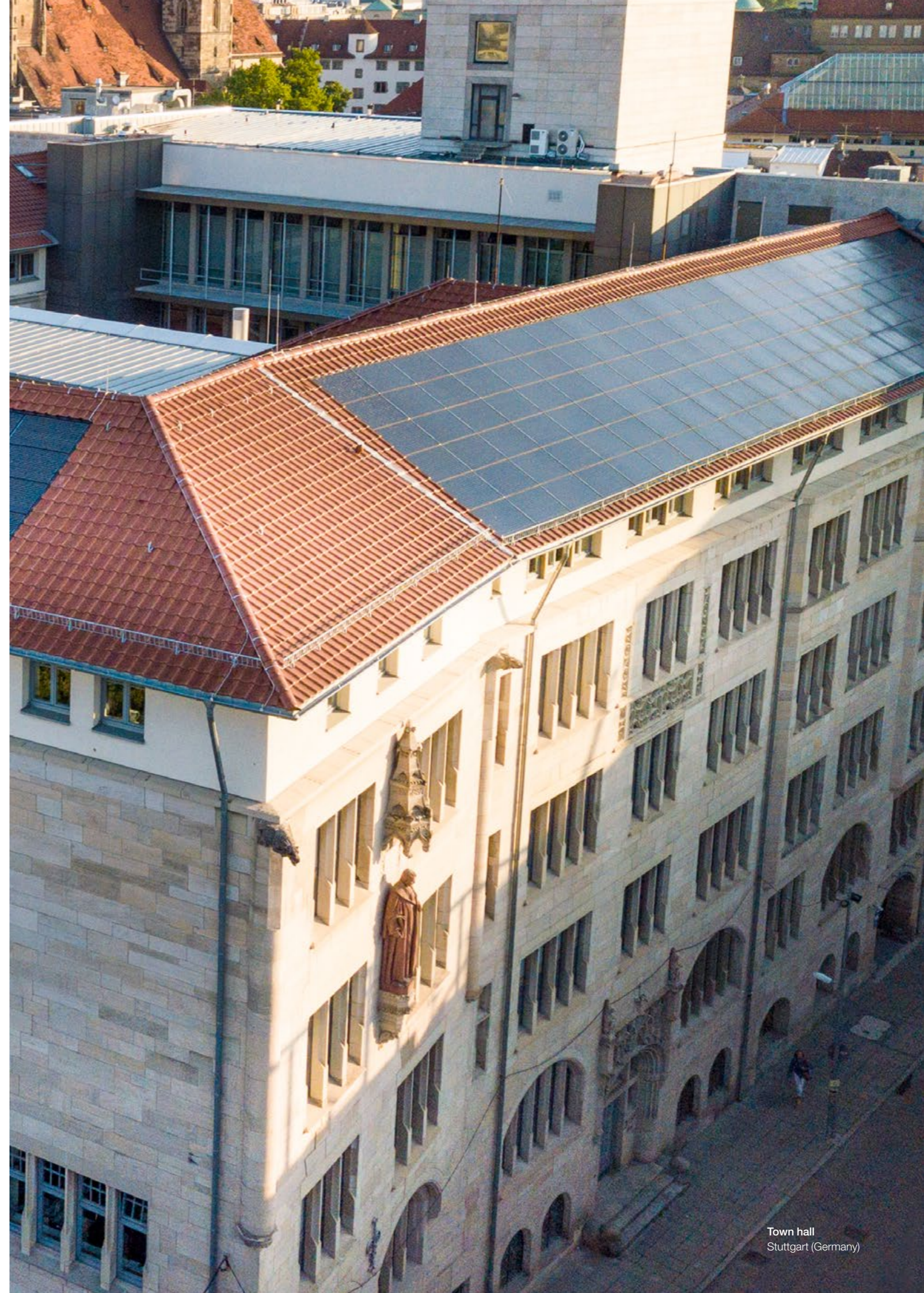
AWA-Ammersee Wasser- und
Abwasserbetriebe gKU, operations building
Herrsching (Germany)

Solrif® for the public and commercial sectors

- Elegant solution with respect for the townscape
- Full roof or part roof solution possible
- Weather-resistant, long-lasting and maintenance-free
- High potential savings in energy costs
- An ecological statement to the community and to customers



Commercial enterprise
(Italy)



Town hall
Stuttgart (Germany)

Go for solar energy direct from the farm!

Ecological awareness is hardly anywhere more pronounced than in agriculture. Here, where nature and homogeneously grown landscapes need to be preserved, the introduction of foreign technological elements is often a problem. And Solrif® is the solution. The photovoltaic panels can be harmoniously integrated into the cultural landscape, thanks to numerous colour and format options. Farmers can thus produce electricity for their own use or for selling. And the excellent CO₂ balance is in nature's best interest. So the Solrif® solar roof is the roof of the future, especially in rural areas – both for the eye and for the environment.

“The Solrif® in-roof PV mounting system is visually convincing thanks to its attractive appearance, high quality and almost frameless modules.”

Luis Garabito,
General Manager
WINDGATE Energietechnik



Farmhouse
Heiterriet (Germany)



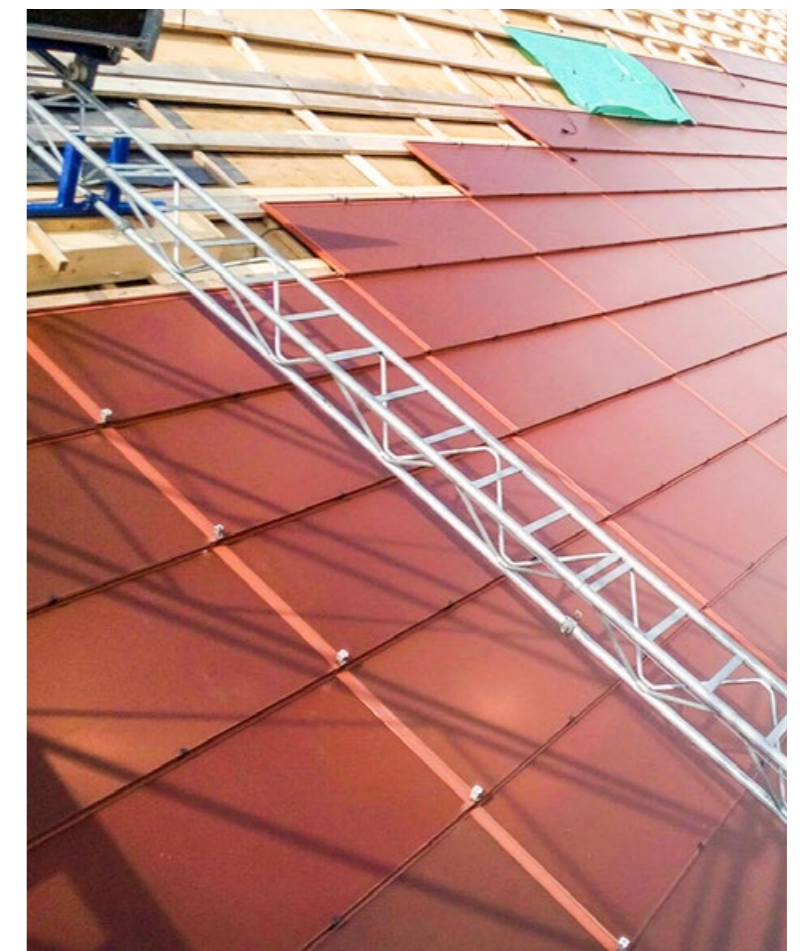
Barn
Meggenhorn (Switzerland)



Kessiboden kiosk
Arth (Switzerland)



Farmhouse
Eouvillens (Switzerland)



Solrif® for farming businesses

- Purely ecological power generation
- Self-sufficiency with solar energy
- Extremely flexible choice of shape and colour
- Can be harmoniously integrated into the cultural and visual landscape
- Long-term reduction of operating costs
- Also suitable for historic monuments and listed buildings

What will your Solrif® solar roof look like?

The Solrif® in-roof PV mounting system gives you a free hand in the design of your solar roof. Depending on your requirements, it can be realised as a full or as a partial roof. Choose from different formats and colours of the photovoltaic panels. Numerous options are available. Roof windows, chimneys, ventilation pipes and other recesses are perfectly integrated. Blind modules create a homogeneous appearance if required. And if necessary, snow guards can ensure safety.



A comprehensive range of services that is well worth looking into

Easy handling and assembly thanks to the modular system

The Solrif® in-roof PV mounting system can be used on a very wide range of pitched roofs. Simple solutions for partial areas are possible, as are complete roof coverings incorporating roof penetrations such as skylights or chimneys. Thanks to its modular, tile-like structure, Solrif® guarantees speedy and simple installation. Individual modules can be detached at any point on the roof. The clever modular system makes installation simple and highly efficient – up to 20 modules per hour can be laid.

Proven quality from the solar pioneer

Not without good reason, Schweizer is the global market leader for in-roof solar systems. Even during its development of the Solrif® system in the 1990s, Schweizer redefined all applicable quality standards. These are still valid and can be relied on with every Solrif® product. That is how we can still guarantee “Made in Switzerland” quality today.

Planning made easy – with the Solar.Pro.Tool from Schweizer

The web-based planning software supports the entire planning process – all project data can be entered directly and efficiently. Several simple building models are provided by the system for initial clarifications. Through the use of GIS data, even complex roofs can be quickly defined – and, if available, CAD plans can be uploaded. Partial roofs in combination with tile roofing or complete roofs are automatically optimised and designed. Static calculations and load limit checks are likewise carried out automatically. An integrated tool is available for electrical design and yield simulation.

Seamless compatibility with all common photovoltaic modules

The Solrif® mounting system can be combined with all top-quality photovoltaic modules. Solrif® modules and mounting accessories are available from our partners in your area. The complete list of partners, and all available photovoltaic modules, can be found at www.solrif.com.

10 good reasons why you should choose Solrif®

1

Aesthetics Solrif® fits in, as a completely integrated and high-quality solar roof, with any kind of building or village backdrop – from ultra-modern buildings to historic monuments.

2

Tried and tested With its Solrif®, Schweizer has been the global market leader in the field of roof-integrated photovoltaic solutions for 20 years, with more than 100,000 roof systems already installed.

3

High yield The free lower edge of the module enables self-cleaning and allows snow to slide off.

4

Up to date Solrif® is always at the cutting edge of technology – based on the use of standard market modules from leading European brand manufacturers.

5

Compatible Solrif® photovoltaic modules are obtainable from leading manufacturers in all different formats and colours.

6

Top quality Solrif® is made to the highest standards of quality, using aluminium. The Solrif® system is patented and certified.

7

Flexible Solrif® can be used for all pitched roofs, with flexible layout and application thanks to the different sizes. Solrif® is suitable for full or partial roofs, skylights, chimneys or other obstructions, blind modules and for all common pitches.

8

Uncomplicated Solrif® permits simple planning with the web-based planning software Solar.Pro.Tool from Schweizer – giving comprehensive system documentation, from static design and electrical planning to roof plans and bill of materials.

9

User-friendly Simple installation on a roof truss, by the same method used with tiles: large-sized tiles are laid floating on battens with the help of storm clips.

10

Long-lasting Long service life thanks to high-quality aluminium – patented, tested and certified.



Further exciting information may be found at www.solrif.com



Solid values, made to last

Three firmly anchored brand values shape the thinking and actions of our 100% family-owned company:

Quality:

Every solution and every product from Schweizer is developed and produced in Switzerland. This is made possible by the commitment of 450 dedicated employees.

Sustainability

As a sustainability and solar energy pioneer, we live out our responsibility towards society consistently throughout the entire company. This is expressed in our environmentally friendly production methods, and in products that make a valuable contribution to the environment and the climate.

Innovation

Innovation is built into every solution from Schweizer. We have been reinventing metal construction time and again for the past 100 years. Numerous product innovations bear witness to this.

100 years
Quality
Sustainability
Innovation