

Hungarian ‘Village House’ opts technology from the Tyrol

1,500 m² of large collectors from solar specialists TiSUN were installed during the refurbishment of Hungary’s biggest municipal housing block

The apartment building is situated on a main road in Budapest. Since its completion in 1970, huge billboards on the roof have created interest in this block of municipal housing, which is known in Hungary as the ‘Village House’ because of the living area of 43,500 m².

The energy efficiency of all 886 dwellings was improved due to good subsidies in Hungary for this type of refurbishment. New insulation was fitted and the windows were changed throughout Hungary’s biggest residential block, which has 15 stairwells and is 315 metres long. Hungary’s largest collector system, made by TiSUN, a specialist in major projects, was also fitted. The 1,500 m² of FA large collectors from TiSUN save on energy costs and use the sun’s free, endless supply of energy efficiently to produce hot water.

“The collectors are optimally aligned to the south and therefore work at their most efficient. I am extremely pleased that this large system is located in Budapest. With this project, TiSUN has proved that we are the experienced specialists for major projects in Hungary and beyond thanks to our large collectors, which are serially produced at up to 18 m² each,” explains Balázs Szendrő, TiSUN sales manager for Hungary.

The 3,000 residents of the ‘Village House’ are pleased with the environment-friendly, sustainable investment that has been made in a solar system. It was fitted on the flat roof by the TiSUN installation team using a mounting system with a 40 tilt.

The residents are not used to the media hype that has been generated since mid-July thanks to Ökoplanet Kft., the professional firm of installers. A major press conference including a film team gave the residents plenty to talk about and will encourage further media interest. The energy-efficiency subsidy totalled 4.45 million Euros and was funded partly by the City of Budapest and partly by the EU Panel Plusz project. The property owners contributed 27%.

For more than 20 years TiSUN has manufactured solar collectors and stratified storage tanks for the rough reality: TiSUN solar systems offer 100% independent, unlimited and free energy for heating, cooling, hot water production and process heat. All our products are designed and manufactured in Tyrol, Austria, from where we export 83 %. We are solar thermal experts and one of the innovators and market leaders, employing a team of 130 people at our HQ in Tyrol/Austria and 90 sales representatives all over Europe. Emerging markets are Central and Eastern Europe, Middle East and MAHREB.

Press images:

Dorfhaus.jpg 125 TiSUN large flat collectors FA cover the hot domestic demand for the social building in Budapest

Montage.jpg Installation of the 1,500 m² large flat collectors FA, which deliver sanitary hot water to 886 units

Kollektoren.jpg 125 TiSUN large flat collectors with 2 m H x 6 m W mounted on the roof of the “Village house”

Schema.jpg Hydraulic scheme of the Hungarian „Village house“, where 3,000 inhabitants live

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