## Flat roof

## Comment

Solarthermal in the crisis? - A proverb says", appertained the "bemoaning and rattles for the craft. That seems at the moment to be the case with manufacturers and processors from solar-thermal installations. There the politics is reproached to, it creates too small stimuli for builders, the possibility of the Solarthermal for the building heating to be useful. Although the attitude of the responsible Federal Ministries and to express their announcements up to now per use of solar-thermal building heating and/or hot water preparation. Added before time not far too long the Federal Government contributed" to the market burglary "due to their "qualified" budget barrier" just at the Solarthermal. This led to a sale drop from about 40 percent (according to manufacturer's specifications) and - both with system vendors, as also with processors - to job cut. Financially badly stationed companies went even into the insolvency. Up to now the branch did not succeed in recovering from that basically.

In addition comes, that is not in agreement in the branch, which measures must be taken in order to make attentive the real estate owner onto possible saving-potentials and more intense use of solar-thermal installations. That is secure also the differing interests of the providers. Unlike the PV-industry which mainly consists of producers and providers of PV-modules also manufacturers of classical heaters and heating systems belong themselves to the section Solarthermal. The branch discusses indeed about inducement for users - for example in the direction an Erneuerbare-Energien-Waermepraemie at which the oil and gas branch is supposed to be taken into the duty depending on the consumption - nevertheless no homogeneous line is up to now yet found. Because the heat field is supposed to support the change of oil and gas onto renewable energy in this way.

One considers the Solarthermiebranche, one must record unfortunately, that one has overslept developments of the heat market. That is valid once for the field heat pumps. Although the combination of Solarthermal and heat pump represents an absolutely interesting solution for hot water preparation and building heating, offers up to now well thought over for this purpose are missing. Just for the housing association with the projectile domestic architecture such combinations would be an economical way in order to change from the old oil or gas heating onto renewable energy. The branch Solarthermal argues, that the housing association shows little interest, completely to equip their roofs with solar modules in the case of the renovation or building modernization.

That is surely for so long correct as long as no concrete and economically justifiable solutions are on the market and the necessary professional clarification of the manufacturers is missing. In Contrast the PV-industry occupies itself increasingly with that and offers already practical system solutions, for example with a pellet heating. The project Grosol accompanied by the BMU (Big Solar-Thermal Installations) with internet portal and competence centers should be used as support in order to make builder and the housing association curious. Because up to now Solarthermal is still regarded as a supplement of other system solutions. Therefore it is at the time, that can occupy the industry and their associations especially of the housing association, why the use of solar-thermal installations is worthwhile. Because otherwise the sentence is valid: "Who comes too late, the living is punishable himself" also for this branch.

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