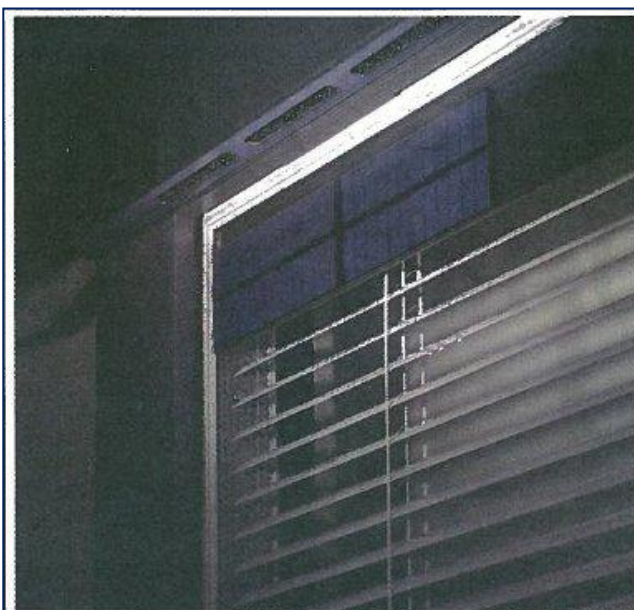


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EU-funded window technology to cut energy use by 20%

A consortium of European companies is using EU-funded technology to market energy efficient windows for residential and commercial buildings.

Climawin windows have a passive heat recovery system as well as a self-cooling function suitable for hot weather, reducing the need for expensive air conditioning.

The window was developed by seven partners from four countries – Denmark, Germany, Ireland and Portugal – in an EU-funded research and development programme called Climawin.

The technology was three years in the making and is now being launched commercially by three of the project partners. Climawin windows will be available across Europe by late-2014.

Producers will also be able to buy a licence to integrate Climawin technology into their own production with royalties paid to

the consortium. Beyond Europe, the consortium anticipates an important market in the US, Canada and Russia.

"Test results show that a standard building fitted with Climawin windows would improve its energy performance by 18 to 24 per cent," said project representative Brian O'Brien, of Solearth Ecological Architecture.

Michael Jennings, spokesman for European Research, Innovation and Science Commissioner Máire Geoghegan-Quinn, said: "Climawin shows that low carbon can also mean big business opportunities for SMEs, which are the backbone of our economy."

"These kinds of technologies will also help consumers and businesses by reducing energy bills.

"The EU will support even more of this kind of research in our new Horizon 2020 programme."

www.climawin.eu