


## Description of best practice

Best practice	
Title	Pana Windows (Pana prozori) - EU funded project of development energy efficient windows
Picture	
Domain	Energy efficient wooden windows
Source of wood	Low-energy windows, low-energy sliding doors
Location	Čakovec, Croatia
Implementers	Pana Ltd, Čakovec, Croatia
Actual status	Running
Approach	Low-energy windows and sliding doors meet the high standards required by the Western Europe market. Production is mostly exported, and especially valuable reference is presence on the most demanding markets, such as Austria, Germany and Switzerland. Continuous investment in contemporary design and low energy property windows, as well as other relevant technical requirements required by modern trends in architecture and construction, and a valuable and educated work force, contribute to a growing confidence of the market.
Main results	The company gained rich experience in demanding construction projects of large volumes. The ability to adapt is reflected in the constant openness to create a completely new or adapt existing solutions in cooperation with architects and their contribution to demanding projects. Particularly valuable contribution to the company has been the recognition in the renovation of protected cultural monuments. In addition to the wholesale through distributors and retail chains in the country and abroad, direct contact with customers is achieved through own showrooms in Čakovec and Zagreb.

Lessons learned	Better use of resource, new niche in wooden windows market.
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Link to website	<a href="https://www.pana.hr/pana-stolarija-eu-projekt/">https://www.pana.hr/pana-stolarija-eu-projekt/</a>
Code	BP_CRO_05

## Best practice assessment

Region	Čakovec, Croatia
Time scale	2017 - 2020
Mobilization Potential	-
Kind of wood concerned	Different wood assortments
Sustainability Potential	Positive
Impact on environment & biodiversity	Positive
Ease of implementation	Medium
Economic impact	Annual production reaches 16,000 windows of all types and 3,000 doors, certified according to the IFT Rosenheim, Europinspekt, CE, FSC standards.
Job effect	Better use of wood and energy consumption
Income effect	Positive
Specific knowledge needed	High
Costs of implementation	≈2,000,000 euro
Technical readiness level	Applicable immediately
Key information for adoption	Investment in research, development and innovation