

TITLE	Igloo/Shelter for an Outdoor Aquaponic System
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**SHORT DESCRIPTION**

Objective	In densely populated areas there are often unused areas between buildings, threshing floors or terraces. The goal is to design and build a scale model of an inexpensive, modular, stylish and functional igloo/shelter for the practice of aquaponics, converting these areas into pleasant and sustainable fresh food producing sites. The model must be accompanied by an economic study of the costs and possible return of the end product.
Requirements	<ul style="list-style-type: none"> <li>– Use of low cost hardware solutions;</li> <li>– Use of open source and freeware technologies;</li> <li>– Adopt the International System of Units (<a href="#">NIST International Guide for the use of the International System of Units</a>);</li> <li>– Be compliant with the Machinery EU Directive (<a href="#">MD</a>), Low Voltage EU Directive (<a href="#">LVD</a>) and Restriction of the use of certain Hazardous Substances (<a href="#">RoHS</a>) EU Directive.</li> </ul>

**RELEVANT DATA**

Maximum budget: 150 €



RESOURCES
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