

"Solidarity Stove Program"

Purpose: provide an efficient and low budget heating system to rural schools engaging volunteers, parents and children in the making process so it can also be implemented in their homes.

The project is made from the partnership between Cachamulita, Campo Divino and the Stove Company.

Details:

What? Efficient heating system

Why? Low cost, little maintenance, easy building, long lasting, eco-friendly

How? Educational approach, engaging volunteers, collective effort.

For Whom? Those in need. Rural Schools, large families.

Productive, educational and social aspects of the project:

1. Production

Stoves can be built through workshops.

2. Education

It includes the on-site construction of the stove, where a small group of people are trained. At the same time, the elaboration and dissemination of perennial teaching allows us to integrate volunteers in writing, photographing, translating and recording the progress of the project. The information can be shared freely to expand the project itself creating plans to build the "solidarity stove".

3. Social

Plans to articulate and impart knowledge in three different areas

- Beneficiaries: those who need the stove such as rural schools or poor families.
- Volunteers: those who want to participate in the construction.
- Mecenases: they are the people who can donate a stove or its parts.



Recycling and reusing program for the solidarity stove:

Tour workshops and metallurgists presenting the project and get leftover cuts of iron in L and T shapes as a donation. Apply the same in the case of bricks, veneers, pipes, etc.

List of materials to build the stove:

- Raw or cooked bricks(150 pieces) €40
- Iron bar in L form of 3/4 x 1/8 x 6m. €20
- Iron bar in T form of 3/4 x 1/8 x 6m. €25
- Iron Sheet 18 €40
- Iron pipes of at least 4" (100mm) 6m. €15

Total: €135

List of tools, machinery and accesories for the workshop:

- Sensitive bench saw 350mm 14" = €318
- Hand grinder 9-125 mm = €125
- Welder Machine Iron 250 = €137

- Safety equipment and Accesories (discs, electrodes, gloves, glasses, aprons, cables) = €300

Total: €980

Total Budget to set the workshop and build 5 stoves in rural schools: €1,655

