

Kindergarten in Trstenik

SAFETY AND SUSTAINABILITY

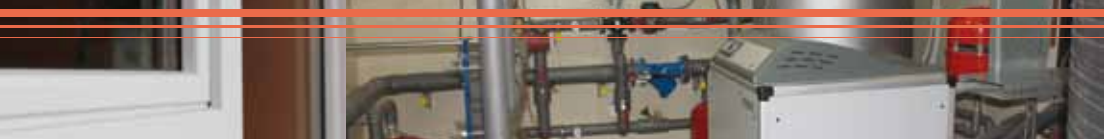
Hand in hand



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- New Buildings
- Renovations
- Consulting



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The starting position

The kindergarten for children aged from 1 to 7 was set in a dated, very energy inefficient and with possibly dangerous set up regarding the heat delivery system with hot heaters near small children.

The Kindergarten today

After thorough approach (insulation of walls, roof and replacement of windows and doors) floor heating is laid out, electricity supply was updated and wash rooms were renovated.

We installed an open well in the front yard of the kindergarten. Since Christmas 2012,

the floor heating is feeded from the new technical room equipped with a heat pump, buffer tanks and heat exchangers.

All rooms are equipped with floor distributors and thermostats: temperatures are no longer regulated by opening windows, but with thermostats.

TRIAS ENERGETICA APPROACH:

- 1.Reduced the energy demand
- 2.Maximized use of renewable energy sources
- 3.Maximized efficiency of use of fossil fuels needed for filling up residual demand

THE RESULT:

- Comfortable, durable and controllable heating and cooling
- Safe environment for playing and working



E: info@sunenergybalkan.com
T: www.sunenergybalkan.com

