

Gasterra year price presentation

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COMSOL CONFERENCE ROTTERDAM2013



Our presentation

- Gasterra year price
- Project
- Research questions
- Comsol



GasTerra Transitie Jaarprijs 2013 Energize the future

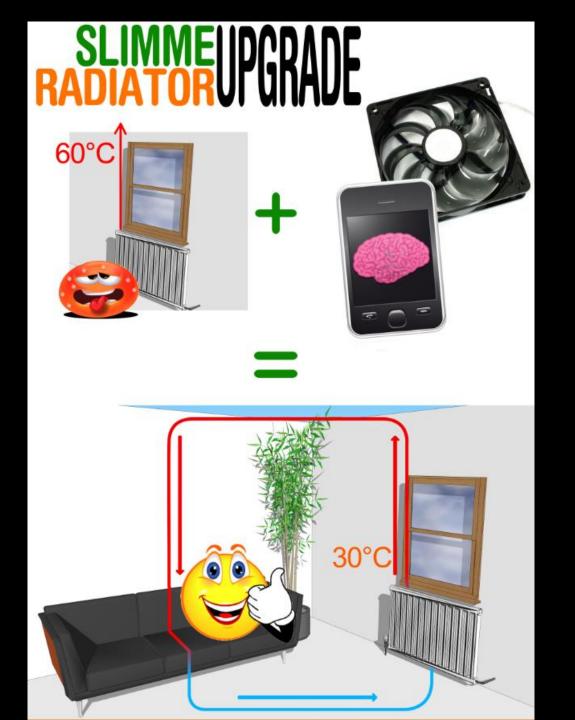
Gasterra year price

- Yearprice for schools
- Renewable energy
- Funded by gassterra
- Best ideas gets support



Winning idea

- Upgrade set for radiators
 - 1. Efficiency
 - Fans
 - Isolation
 - Increase effective surface area
 - Increase efficiency of other components
 - Lower radiator heating temperature
 - 2. Overshoot
 - Smart regulators



The idea

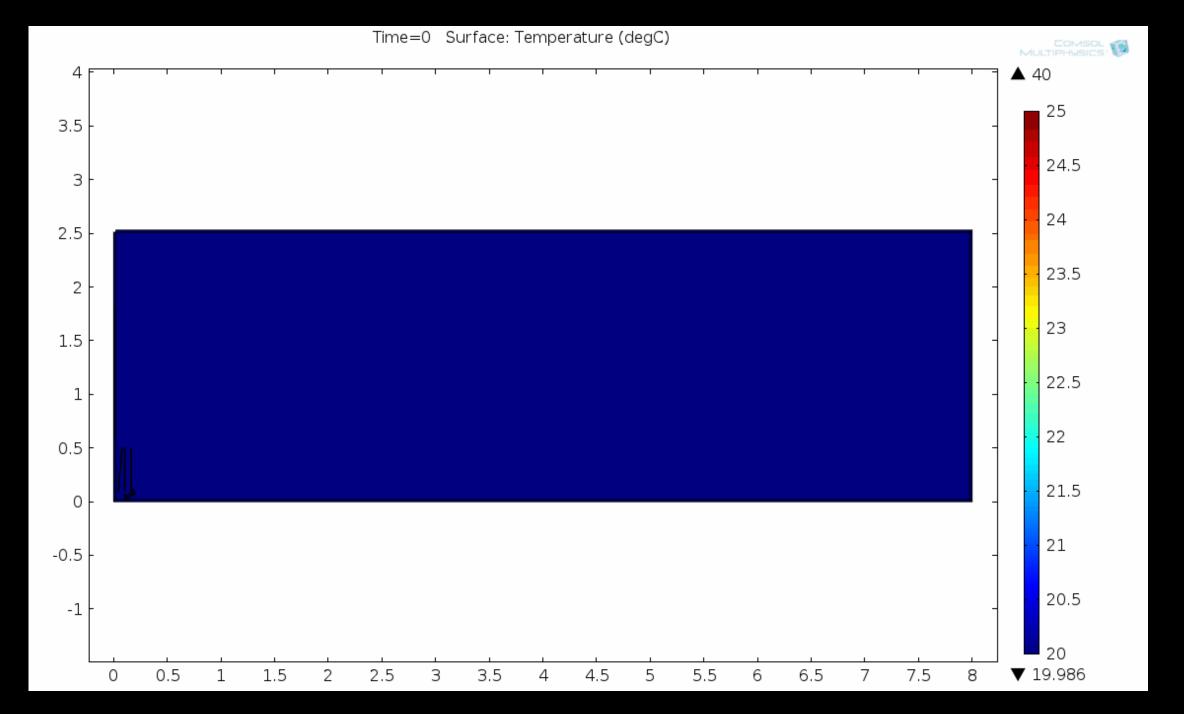
- Simple
- Existing components
- Expecting huge result
- Without any huge changes in current equipment.

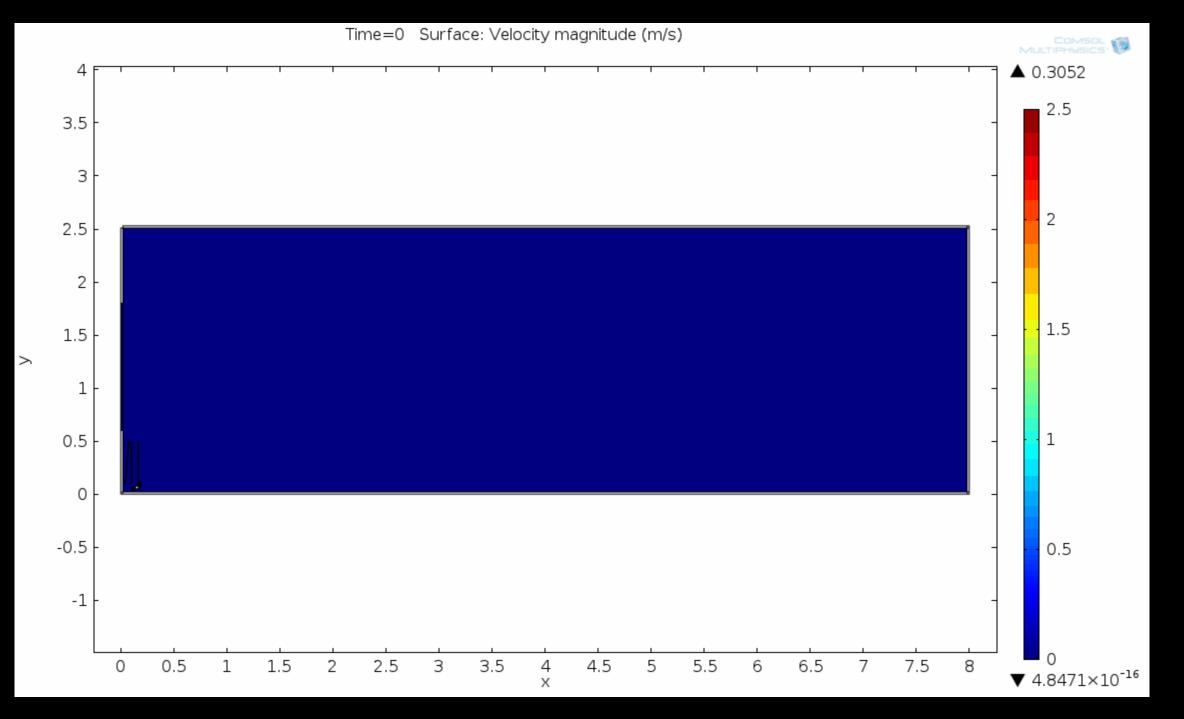
Research questions

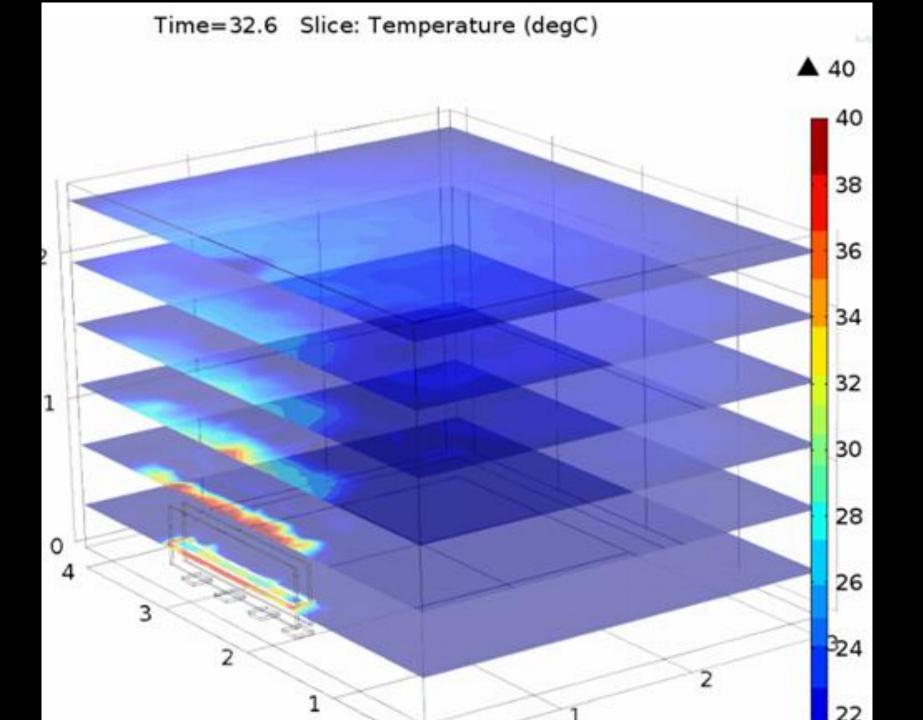
What is the difference between a room with and without:

- Fans.
- Isolation
- Window open
- Smart regulations

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Questions?