

Renewable heat technologies

Renewable heat technologies include renewable biofuels, solar heating, geothermal heating, heat pumps and heat exchangers.

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| Period: | Period 2 |
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| Lecturer: | Dr. Javanshir Fouladvand - email: j.fouladvand@uu.nl – Dr. Jesus Rosales Carreon - email: j.rosalescarreon@uu.nl |
| Educational management portal: | moodle.unitus.it |
| Objectives: | Introduction to design and analysis of renewable heat technologies. |
| Programme: | Geothermal plant, bioenergy (including CHP), waste heat, electrical heating and district heating. |
| Pre-requisites: | i) Thermodynamics fundamentals. ii) Energy conversion systems fundamentals; iii) Renewable energy fundamentals. |
| Study material: | <ul style="list-style-type: none">● Lecture slides;● Reading material;● Virtual Reality material;● Additional literature handed out during the course / made available via Moodle. |