

WP 3 - Best practice options for increasing energy efficiency at buildings



Intelligent Energy  Europe

WP 3

leader: Michal Tvrdon, REC Slovakia

co-leader: Joerg Faltin, AURAPLAN
ARCHITECTS Germany

months: 2 – 26

WP 3 - Best practice options

Outlines of the presentaion

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What is the main goal of the WP3?

1. why do we need INTENSE WP3?
2. what information will be produced?
3. who should be in who should be out?
4. how do we plan to deliver the main message from WP3?

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- green building is a key towards sustainable future
- „circle of blame" (contractors, developers, investors, local authorities, occupants)
- initial costs are high – but green buildings are proving to save money
- increasing interest in green buildings

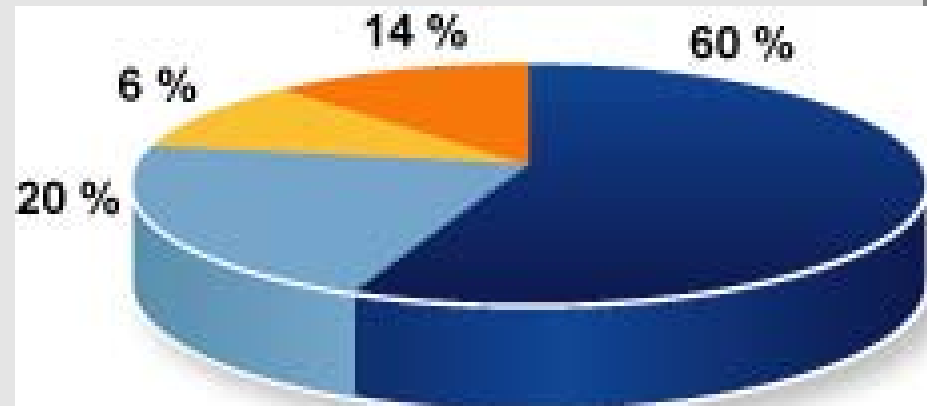
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Power consumption in the households

- 60% heating
- 20% preparation of warm water
- 14% electrical appliances
- 6% cooking



Source: www.setrienergiu.sk

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comparison in Slovakia apartments and houses

Share of heating in the total energy consumption in an apartment



Source: www.setrienergiu.sk

Share of heating in the total energy consumption in a house



Source: www.setrienergiu.sk

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energy saving at buildings by:

design of houses and energy supply
needs for good **construction**, skilled workers

not by: „**operating**“ of houses → WP 6

not by: **urban planning** → WP 4

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residential houses

concentrating on **apartment houses**

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target groups

direct project partner

and

local building partners: architects,
craftsmen, construction companies,
investors, representatives of the planning
departments, decision makers

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lessons learned

see next day



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Deliverables

- gathering of information green building sector
- selection criteria of **best practice options applicable** for „CEEC“
- adoption concepts for **implementation at local level** (guidelines, labels and certification systems)
- **national and international exchange**

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national and international exchange:

3 workshops and 2-3 national meetings

study visit to best practice examples
(for municipalities)

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adaption concepts for **implementation at local level**

- Assessment of needs
- criteria selection of best practical options, adapted to „CEEC”
- one brochure for municipalities (not architects, not general public)

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we wish you a good project work!