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Vision for Cost Effective Quality, High Performance & Comfortable Homes

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Prioritising Energy Efficiency in Fuel poverty____

- 1. Barriers to efficiency
- 2. Breaking down barriers
- 3. Fit for purpose Solutions
- 4. Doing the job right

How do we promote the prioritisation of energy efficiency for the fuel poor?

- More than a social agenda
- Interdepartmental task (IDGAF)

Challenges in uptake generally

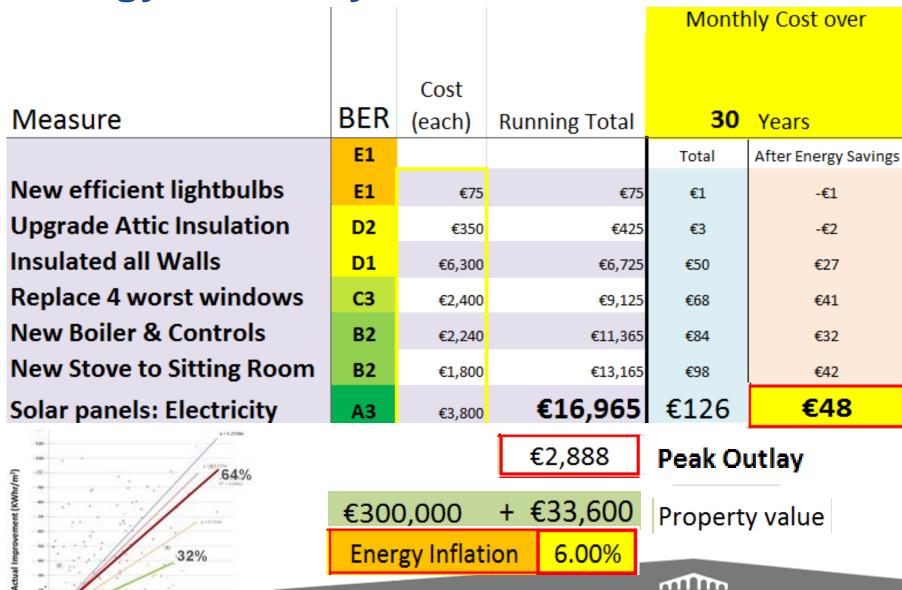
- Awareness: Energy use is invisible & & efficiency is not normal.
- Expectations: Upgrading is unknown, confusing, uncertain, untrusted & expensive.
- Decision making : Irrational (heuristic)





Energy efficiency: See the value

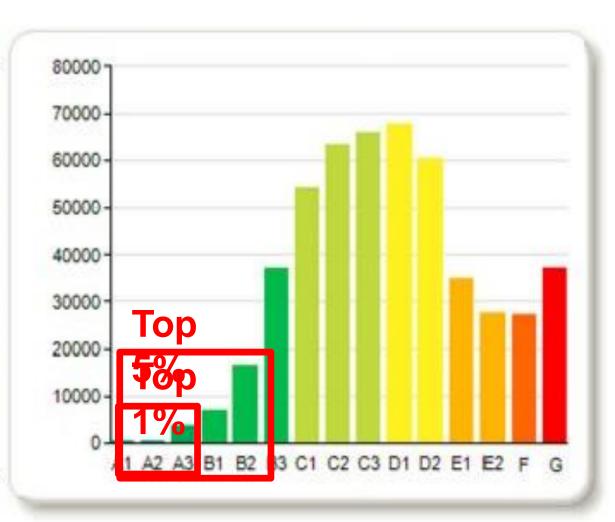
Modelled Improvement (Usage Adjusted) (KWhr/m2)

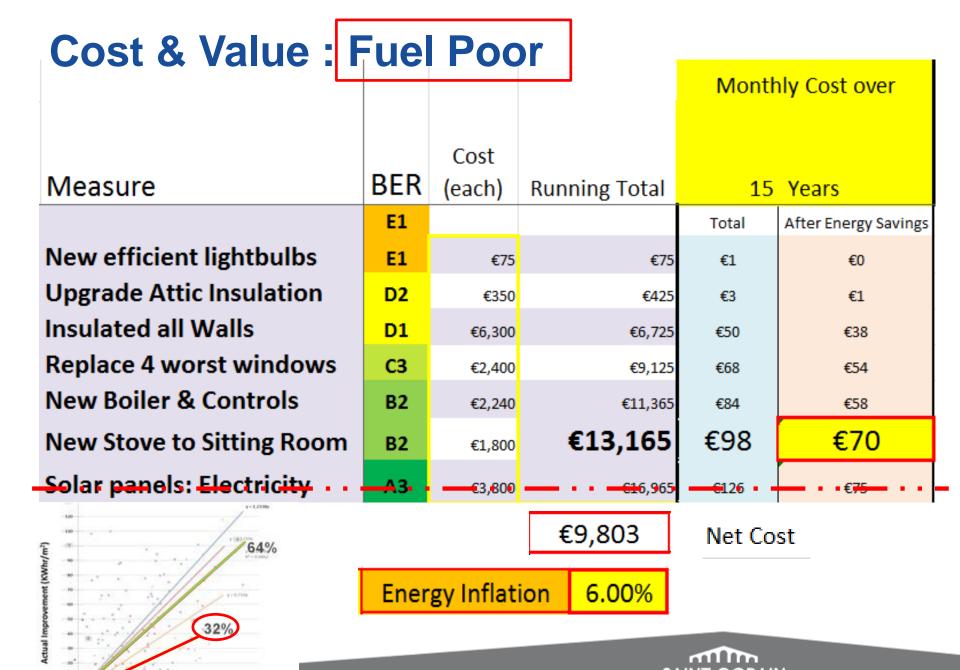


SAINT-GOBAIN

Domestic BERs

| Energy Rating | Quantity |
|---------------|----------|
| A1 | 8 |
| A2 | 319 |
| A3 | 3,606 |
| B1 | 7,000 |
| B2 | 16,357 |
| B3 | 37,151 |
| C1 | 54,110 |
| C2 | 63,316 |
| C3 | 65,840 |
| D1 | 67,496 |
| D2 | 60,409 |
| E1 | 34,915 |
| E2 | 27,381 |
| F | 27,318 |
| G | 37,176 |
| Total | 502,402 |





Modelled Improvement (Usage Adjusted) (KWhr/m2)

Joined up thinking required: See the savings

- Dept of Energy:
 - Affordability improved
- Dept of Environment:
 - Essential Maintenance Reduced
 - EU Climate change obligations met
- Dept of Social Protection:
 - Fuel allowances reduced
- Dept of Health:
 - Incidences of cold related calls reduced
- Dept of Jobs:
 - Employment creation



Energy efficiency made easy

- 1. Light bulbs
- 2. Curtains
- 3. Lagging Jacket
- 4. Draught proofing
- 5. Attic Insulation *
- 6. Low flow taps & shower head
- 7. Wall Insulation *
- 8. Boiler & Heating Controls *
- 9. Stove **
- **10.**Solar Panels Electricity
- 11.Windows **







Isover Optima Dry lining

Performance

- Thermal, Sound, 'A' Fire rating
- Intelligent airtightness
- SPECSURE warranty & Agrément certified

Building Science

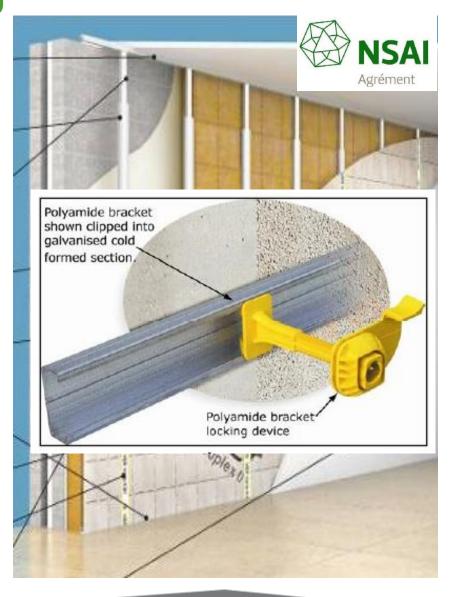
- Vapour open + Gypsum stays dry
- Cost effective & Adaptable
- Dynamic Condensation Risk Study
- Renovation: Thermal modelling available

Conservation

- Suitable for solid wall construction
- Traditional buildings
- Designed for deconstruction.
- Low impact + Concealed services

Ecology

- Natural + Low waste + Recyclable
- Compressed products + Reusable









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