The Importance of Labelling and Certification Schemes

Webinar #3: How to save energy using renovation policy measures
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A Presentation by
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Secretary General of EuroACE

What is EuroACE?

- Europe's **leading companies** involved with the manufacture, distribution and installation of energy efficiency equipment and services in buildings


- **Objective:** To promote **energy efficiency in buildings** on the EU political agenda, raise awareness, provide research data and communicate on available solutions and policies

Cross-Sector Representation
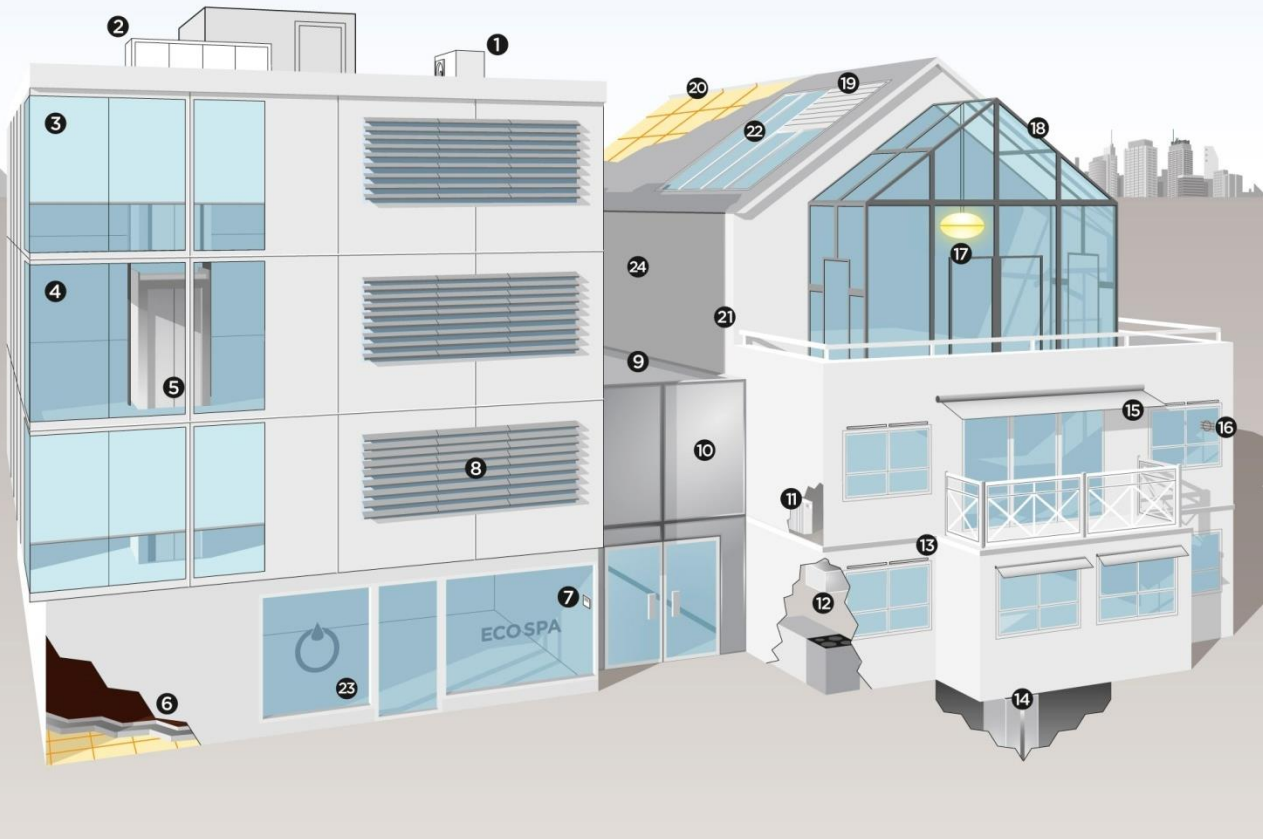
1. Air Cooled Chiller
2. Heat Pump
3. Automated Roller Blind
4. Glazing
5. Regenerative Drive Elevator
6. Floor Insulation
7. Heating Controls: Room Thermostat
8. Automated Exterior Venetian Blind
9. Insulation
10. Insulated Wall System
11. Heating Controls: Radiator Thermostat
12. Heat Recovery Ventilation
13. Humidity Sensitive Air Inlets
14. Heat Pump
15. Automated Roller Blind
16. Humidity Controlled Extract Unit
17. Lighting
18. Sunspace
19. Automated Awning
20. Insulation
21. Sealants
22. Roof Window
23. Solar-control/ Low E-window Film
24. Air Tightness Membrane

Trias Energetica – The Guiding Principle
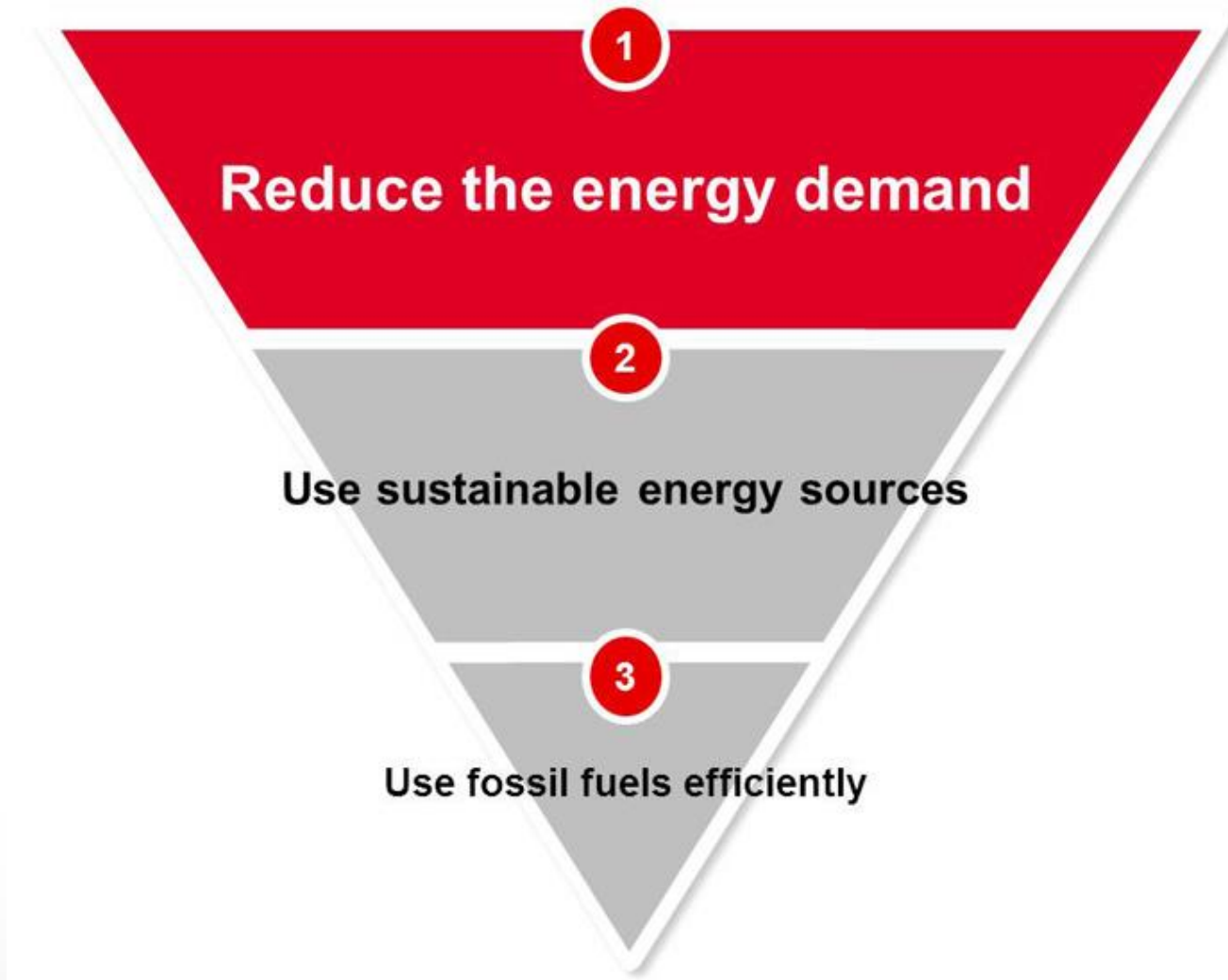
EU Buildings Sector

Scale of the Challenge

210 Million Buildings; 90% Still Used in 2050
In the EU New Buildings are not the Real Challenge

Impact on Energy Use

40% of EU Primary Energy Use (compared to global figure of 30%)
36% of Energy-Related CO_2 Emissions

Technologies Exist Today

Reduction of 80% in Energy Use is Possible With Current
Technologies and Processes Available in the EU Market

Trust and Confidence

Asymmetric Information; Evolving Standards; Progressive
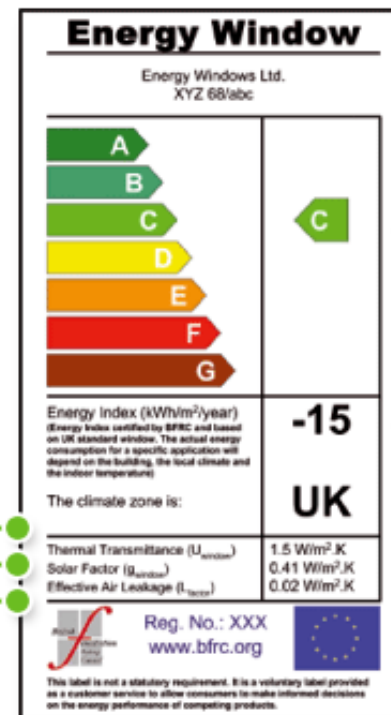Integrated Approaches

Trust and Confidence -1

Labelling

Energy Using Products; Energy Related Products
Good for Purchasing and Specification Decisions
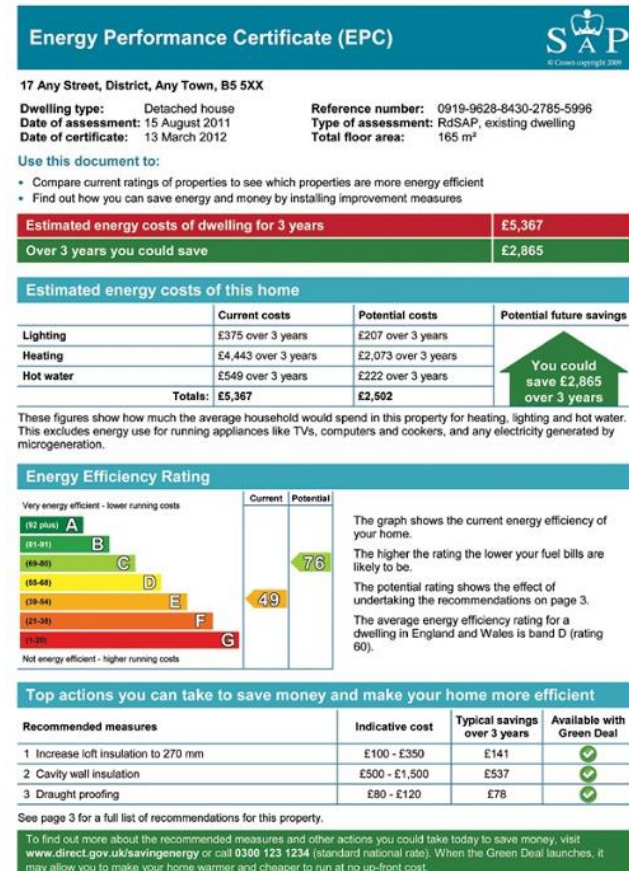
Trust and Confidence - 2

Certification

Provides Independent Verification

Good for Dissemination Information

Breaks Down Asymmetries

Impact on Value of Properties

Increasing Market Acceptance

Increasing Link to Policy (example: UK)

Essential Features for Success

Legislation Should

Require Labelling and Certification

Be Clear and Readily Enforceable

Format and Content Should

Be Informative; Trustworthy and Easy to Understand

Implementation Should

Be Supported by a Robust System Including:

      Accredited, Independent Testing Facilities

      Accredited, Qualified Professionals

      Open Register of Labels and Certificates

      System of Penalties for Non-Compliance

      Appeals System

Case Studies…

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