



saving energy for your well-being



Educational Launch Seminar

Energy Efficiency in Domestic Buildings

Perit Amber Wismayer

Hon. Secretary, KTP

27th May 2013



Operational Programme I – Cohesion Policy 2007-2013
Investing in Competitiveness for a Better Quality of Life
Project part-financed by the European Union
European Regional Development Fund (ERDF)
Co-financing rate: 85% EU Funds; 15% National Funds
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The background of the right side features a large, faint watermark of the KTP Malta seal, which includes the text 'KTP MALTA' and 'CIVIL ENGINEERS'.

KTP's
administration
is entrusted to its
COUNCIL which
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The right side of the image features a grey banner with the website address 'www.ktpmalta.com' in the top right. Below this is the KTP logo, a circular emblem with a central figure and text. To the right of the logo, the name 'kamra tal-periti' is written in a large, green, sans-serif font. Below the banner, the organization's mission statement is written in a smaller, italicized font. The background of the right side is a large, faint watermark of the KTP logo.

STANDING COMMITTEE for the BUILT ENVIRONMENT

Energy Directive

Environment & Sustainability

Planning Policy

Built Environment Legislation



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Energy Saving Goals in the Domestic Sector

Policy

Certification

Built Fabric

Technological Advancement



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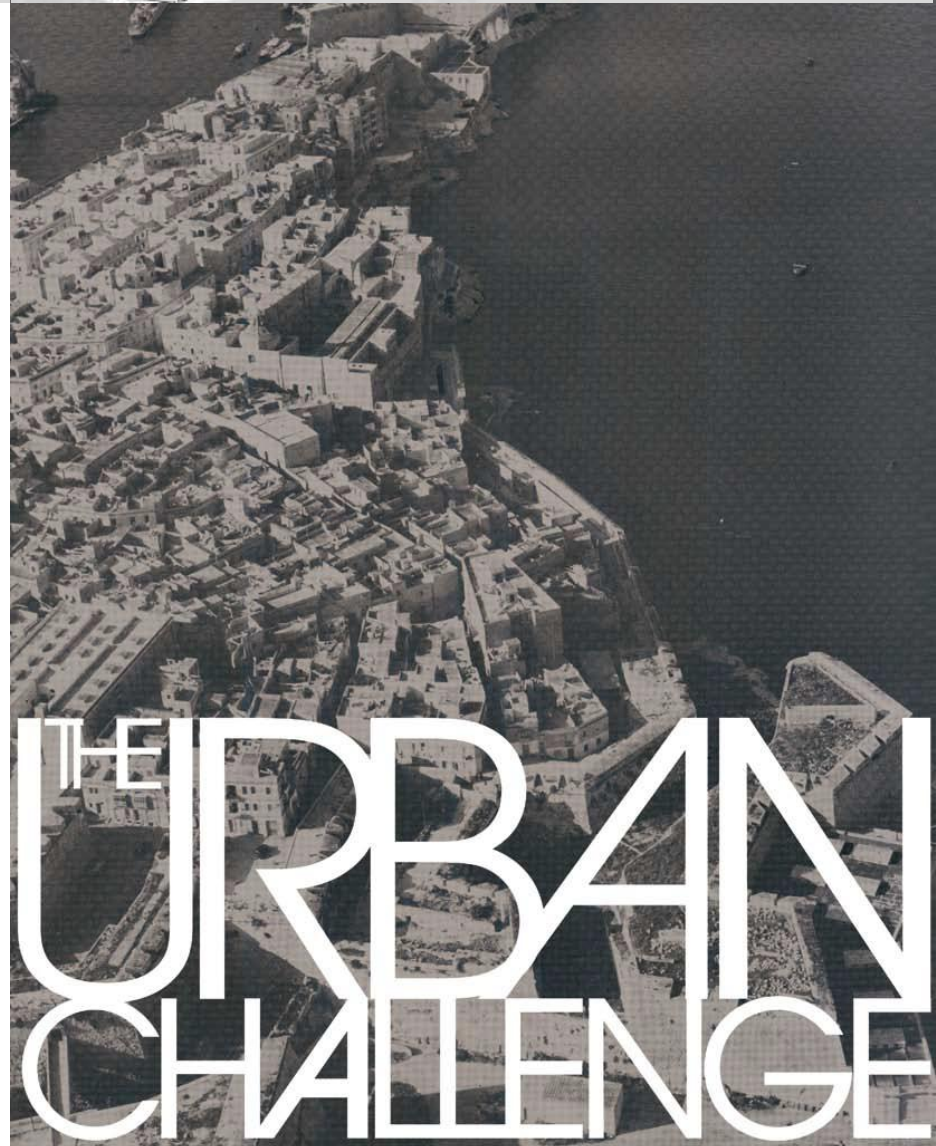
Policy & Certification



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tal-periti

The Urban Challenge

- Adequate response to climate change;
- Reaching standards & requirements



Policy & Certification



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Document F

Transposition of EU

Directive on the Energy

Performance of Buildings

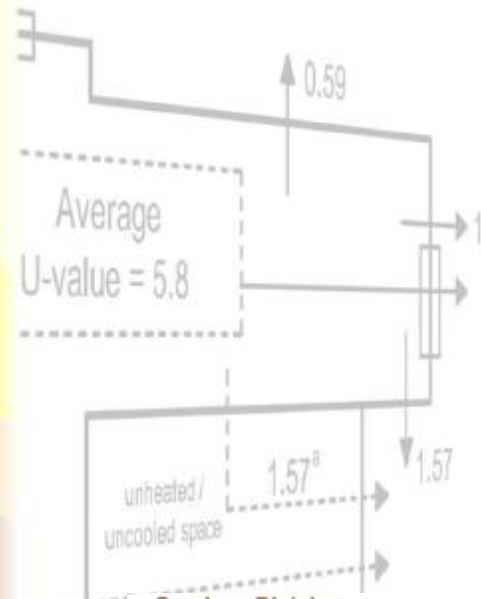
into local legislation



F

Technical Guidance

Conservation of Fuel, Energy and Natural Resources (minimum requirements on the energy performance of buildings regulations, 2006)



Services Division
Building Regulations Office
Malta





Energy Performance Certificate

Energy Performance of Buildings Directive, transposed to local legislation requires that dwellings are assessed by a qualified person and a certificate issued.





What is Passive Design?

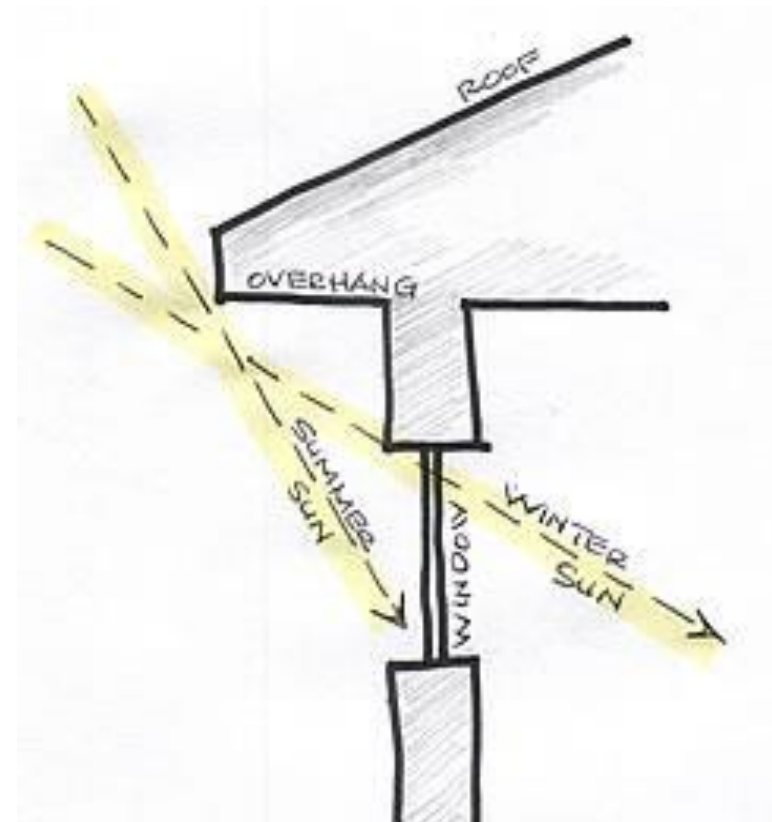


- Efficient response to local climate & site;
- Buildings which provides occupant comfort & low energy demand.





- Insulation & Double Glazing
- Ventilation
- Water Conservation
- Shading
- Thermal Mass





Maltese Vernacular Architecture

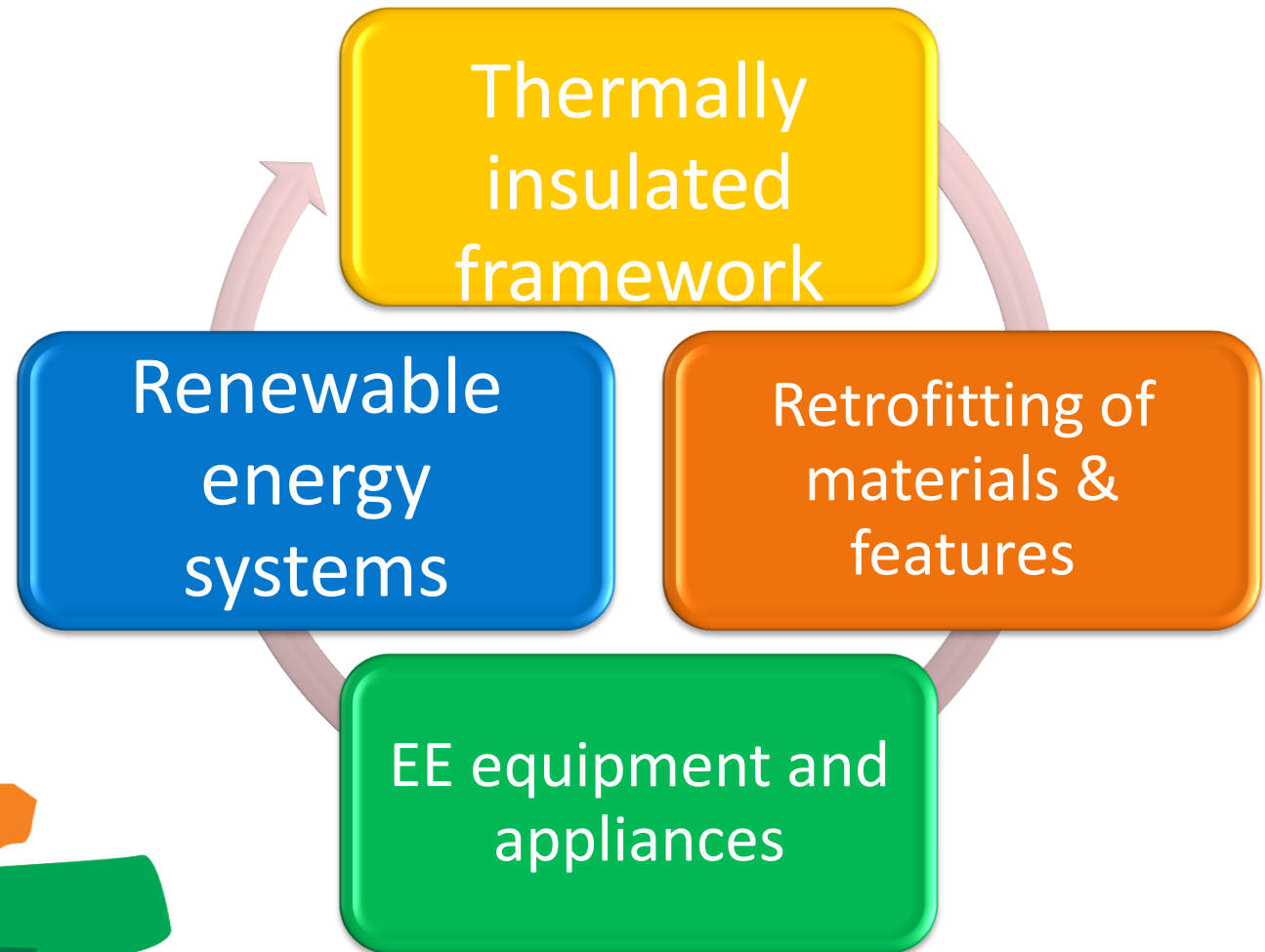
- Minimal, well-positioned apertures
- Central Courtyard & Loggia
- Flat roofs & thick walls
- Indigenous trees & vegetation
- Wells & Basements
- Whitewashed walls



Eco-Refurbishment

The implementation of sustainable principles designed to improve the energy efficiency of an existing building.







Product Seminars

Through such events, KTP strives to keep the Profession AND the Public up-to-date with new and innovative products



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Thank you

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