

Implementation of the EED in the EU



A Presentation to the:

EUFORES Inter-Parliamentary Meeting

Dublin Castle

22nd June 2013



Uachtaránacht na hÉireann ar
Chomhairle an Aontais Eorpaigh
Irish Presidency of the Council
of the European Union
eu2013.ie

Adrian Joyce

Secretary General

2013

2020

2030

2040

2050

Context & Opportunity

Stability, Jobs and Growth

Irish Presidency Focus as Response to Economic and Financial Crisis

European Commission Roadmaps

Energy Roadmap 2050, Low-Carbon Economy 2050, Resource Efficiency 2050

Energy Efficiency Directive

A Directive for Growth and Jobs!

Most Advanced Regional Legislation in the World



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EU Buildings Sector

Scale of the Opportunity

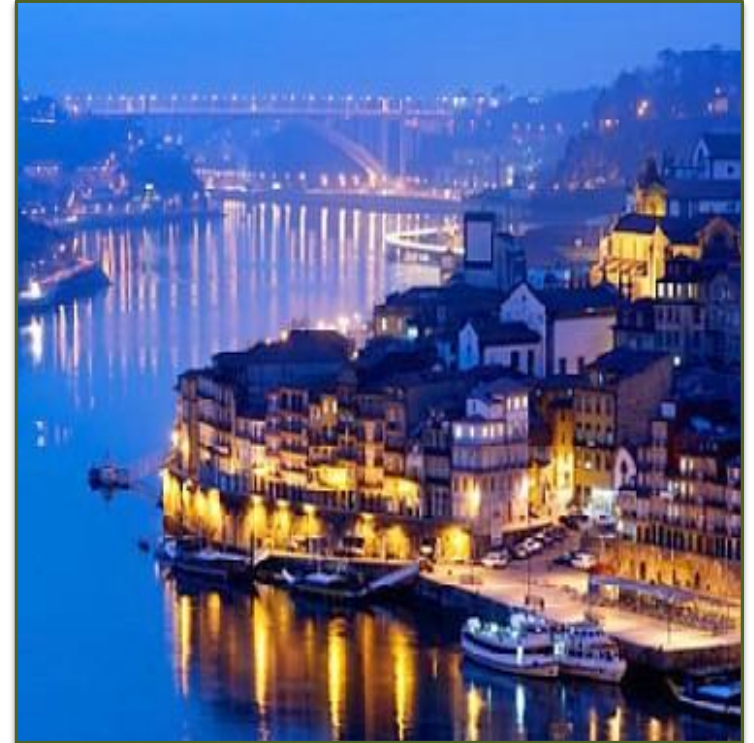
210 Million Buildings; Area of Occupied Space
Equivalent to Size of Belgium; 90% Still Used in 2050

Impact on Energy Use

40% of EU Primary Energy Use
36% of Energy-Related CO₂ Emissions

Technologies Exist Today

Reduction of 80% in Energy Use is Possible With
Current Technologies and Processes



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Renovate Europe!

An Achievable Vision

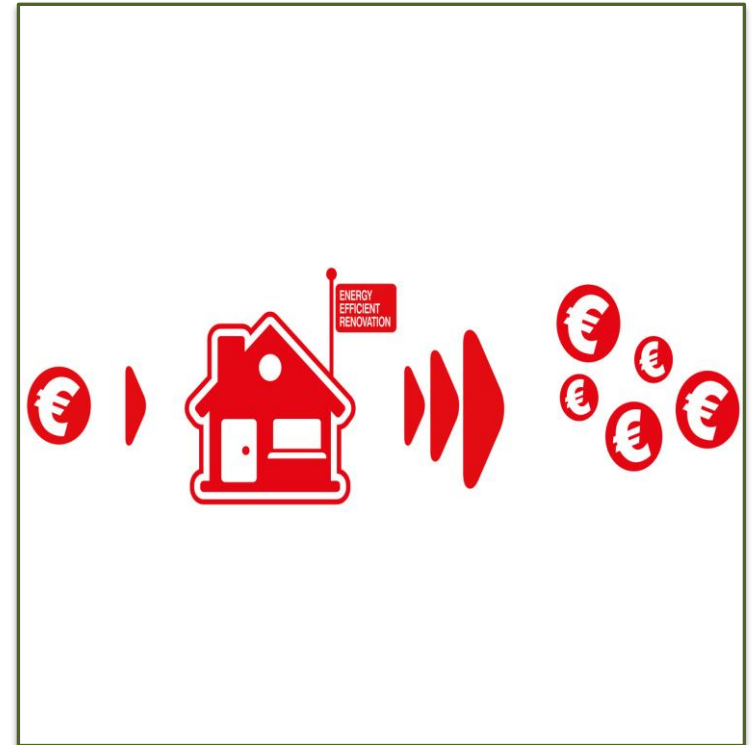
80% Reduction in Energy Demand of Existing Buildings by 2050; Supported by European Parliament

Pathway to 80%

Requires Coherent Long-Term Planning; High Level of Investment; High Level of Continuous Returns

Measurement and Verification

e.g. KfW Scheme in Germany €5 Return on Every €1 Invested; Good Ex-Ante Conditions



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Multiple Benefits of EE Renovation

Public Finances: €39bn per year

Boost to Public Finances in 2020
Rising to €78bn per year by 2030

New Direct Net Jobs: 1.1 million

Local, Permanent Jobs in Construction;
This Leads to over 2 million Total New Jobs

Boost to EU GDP: 0.7% per year

Estimate Increase in Construction Output is in the
Range €670 to €830bn per year (from 2020)



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Releasing the Potential

Binding EE Target for 2030

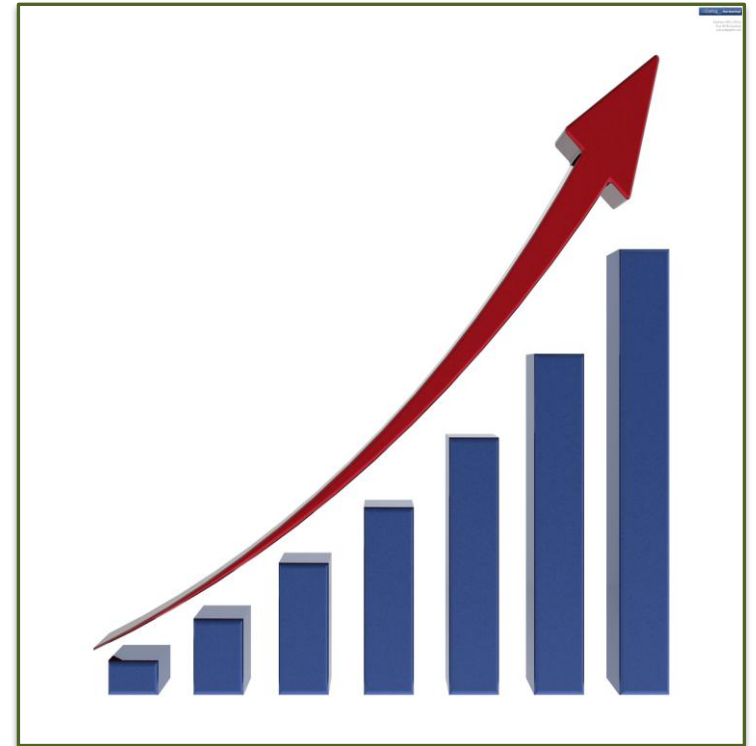
Provides Policy Predictability and Investor Confidence; Construction Sector Needs Certainty

Building Sector Contribution

Achievable Target: 36% Reduction in Energy Demand in 2030 as Compared to 2005

Innovative Financing Models

Banking and Pensions Sectors; Energy Performance Contracting; EU Structural Funds



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Implementing the EED

Governments as Exemplars

Renovation of Central Government Buildings
Assistance to Local and Regional Authorities

Long-Term Strategies

Inventory of Existing Building Stock; Quantification of Potential; Calculation of Multiple Benefits

National Energy Efficiency Funds

Arising From Energy Suppliers Obligation Schemes
Address Worst Performing Buildings First



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Recommendations

Ambitious 2030 Policy

Binding Targets Work – Energy Efficiency Delivers
Business Ready for the Challenge

Remove Structural Barriers

Rent Regulation; Public Accounting Rules; Subsidies
for Fossil Fuels; Risk Management for Investors

Ambitious EE Renovation Schemes

Now is the Best Moment; Construction Industry Has
the Capacity; Medium and Long-Term Schemes Only



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Thank You for Your Attention!



Renovate Europe Campaign

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