

Current Developments at EU Level

Main aspects of EPBD and EED revisions

Implications for Ireland

Cork
26th October 2017

Adrian Joyce
Secretary General

EuroACE

The European Alliance of Companies for Energy Efficiency in Buildings

armacell®

Danfoss

IR Ingersoll Rand

Johnson Controls

Kingspan

KNAUF INSULATION
it's time to save energy

PHILIPS PU EUROPE
EXCELLENCE IN INSULATION

ROCKWOOL

SAINT-GOBAIN

United Technologies

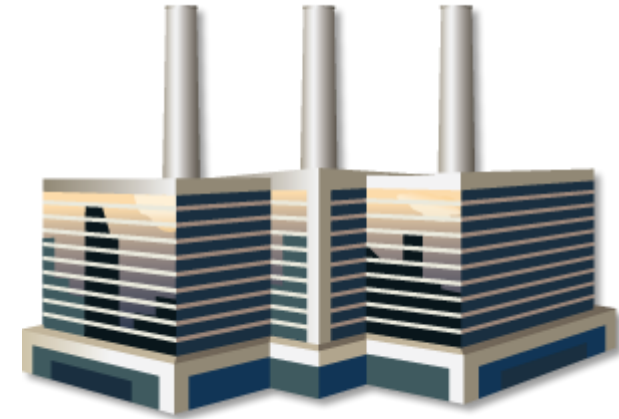
URSA

VELUX®



More than 280,000

(IE: 2,600)



More than 900

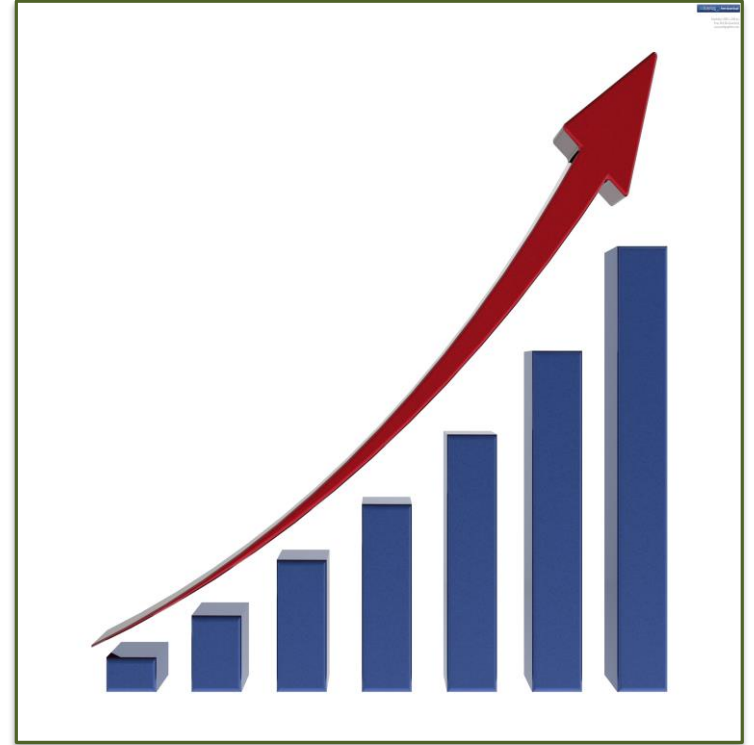
(IE: 15)

Why Do We Exist?

To Advocate for ambitious EU policies for EE in buildings

To Give a Voice to progressive industry and boost the market for energy efficient buildings

To Deliver Benefits to society at large, public authorities and citizens



EU Buildings Sector

Scale of the Challenge

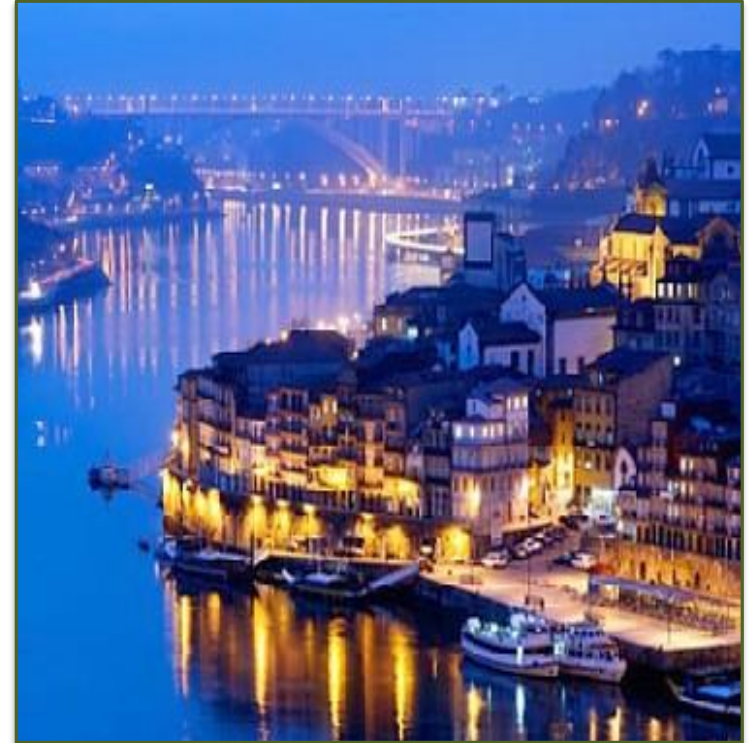
210 Million Buildings; 75% Constructed Before Energy Regulations; 90% Still Occupied & Used in 2050

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



Porto, Portugal

EU Regulatory Framework

Energy Performance of Buildings

Re-cast 2010; New build; nZEB; Energy Performance Certificates; Revision in progress. [Link](#)

Energy Efficiency Directive (2012)

Renovation Strategies Art. 4; Government Buildings Art. 5; Obligations Art. 7; Revision in Progress.

Energy Union Framework

All five dimensions relevant to Energy Efficiency
Internal market; Energy security; Energy Efficiency; Decarbonisation of energy;
Research and Innovation



Berlaymont, Brussels, HQ of the European Commission

Barriers And Challenges (selection)

Inertia in the Construction Sector

Very Conservative Sector; Risk-averse; Skills Gaps; Very Fragmented (no single voice)

Lack of Reliable, Shared Data

On Building Stock; On Successful Examples; On Performance Characteristics

Lack of Trust...

Of the Public in Politicians, Experts, Builders...
Of Building Owners in Performance Promises
Of Financiers in EE as an Asset Class



Renovate Europe Campaign

36 Partners including National partners from 14 Member States



Renovate Europe Campaign

Our Ambition:



**Reduce the Energy Demand of the Existing Building Stock
by 80% by 2050 Compared to 2005 Levels**



**Raise the Energy Renovation Rate of the Existing Building Stock
to 3% Per Year by 2020 and Maintain that Rate to 2050**



**Ensure that all Renovations are Deep (or Staged Deep)
Energy Renovations to Avoid “lock-in”**

Benefits of Renovation for the EU

New Direct Local Jobs: 2 million

Local, Permanent Jobs in Construction;
This Leads to over 6 million Total New Jobs

Public Finances: €39bn per year

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

Boost to EU GDP: 0.7% per year

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



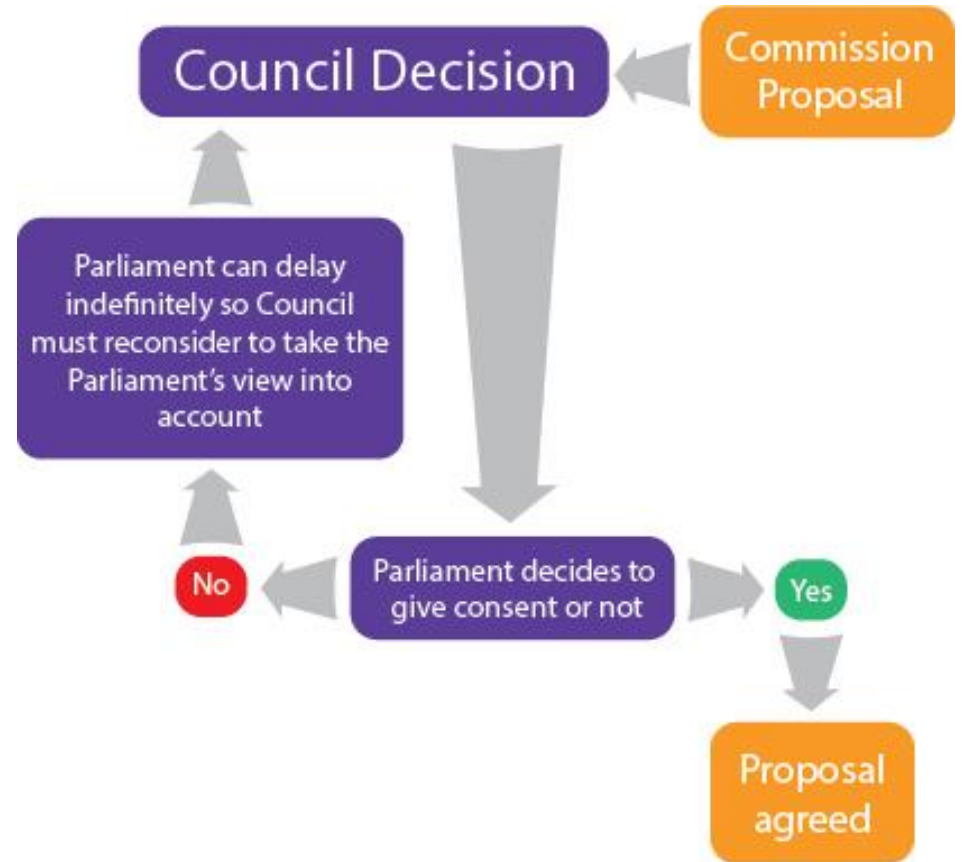
EU Legislative Process

Council Requests Commission to Prepare a Proposal

Commission Presents Proposal to Council and Parliament

Negotiations Take Place in Council and Parliament

Both Council and Parliament **MUST** Agree on a Final Text



EU Regulatory Framework

Energy Efficiency Directive

Sets Overall Ambition for EU in all Sectors – Binds Member States to Take Action

Energy Performance Directive

Sets Vision – Establishes Conditions for Renovation Strategies – Falls Short on Empowerment

Governance Regulation

Ensures Stakeholder Involvement – Sets Reporting and Verification Framework



Energy Performance of Buildings (EPBD)

Commission [link](#)

Proposal on 30th November 2016; Not ambitious on existing buildings; Emphasis on e-mobility and “smartness”

Council [link](#)

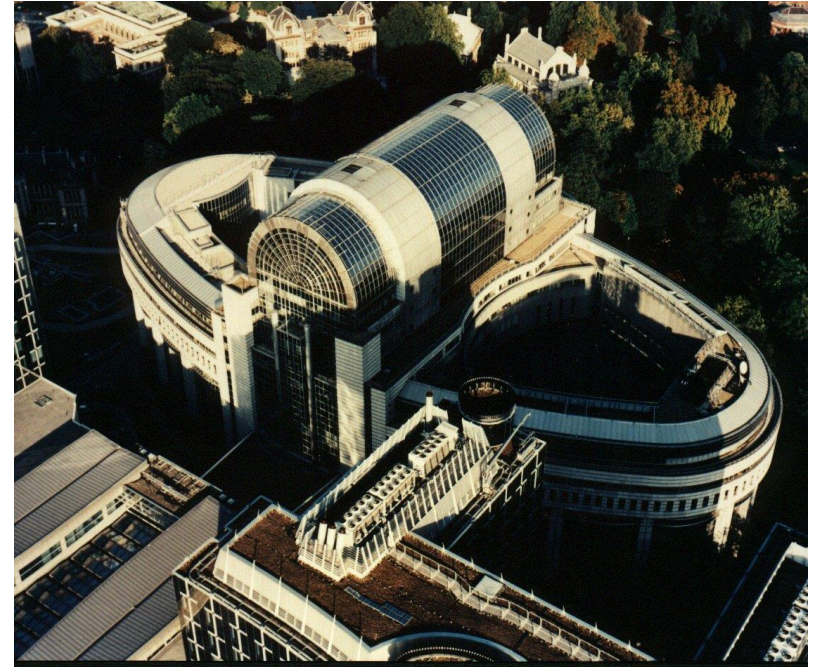
General agreement in June; Few changes to Commission proposal; Trialogues soon; Estonian ambition to finalise

Parliament [link](#)

Lead Committee (ITRE) balanced, more ambitious than Commission and Council

EuroACE Assessment

Concerned that ambition for existing buildings will not be achieved; Concerned about Council approach.



Energy Efficiency Directive (EED)

Commission [link](#)

Proposal on 30th November 2016; Light touch; Few elements opened for revision

Council [link](#)

Serious weakening of EED in general approach; Member States fearful of ambition; Paris has no effect

Parliament [link](#) [environment opinion](#)

Re-definition of energy efficiency proposed; Basis of EED challenged; Switch away from end-use savings

EuroACE Assessment

Seriously concerned that EED will be weakened; Looking to encourage progressive MS to speak up



Irish Position on Revisions

EPBD

Not supportive of “smartness” and e-mobility approach;
Worked for change to accounting rules; Supports
consultation

EED

Supports binding 30% target; Supports keeping Article 7
obligations at 1.5% p.a. until 2030

Key Persons in Parliament

Sean Kelly (EEP) influential in his political group
Mairead McGuinness (EEP) Vice-President
Brian Hayes (EPP) – Marian Harkin (ALDE) – Nessa
Childers (S&D) all signatories of Renovate Manifesto



Governance Regulation

Commission

Proposal on 30th November 2016; Focussed on process and streamlining.

Council

Working to reach general agreement in December; Likely to water down binding character of regulation

Parliament

Focus on creating tool to achieve high ambition; Extensive revisions to proposal tabled; Vote in December

EuroACE Assessment

Supportive of Parliament position; Sees necessity for robust process to ensure ambition is achieved



Implications for Ireland

Changes to Laws and Regulations

Needed to reflect revisions; Likely within two years of final agreement

Opportunity to Lead

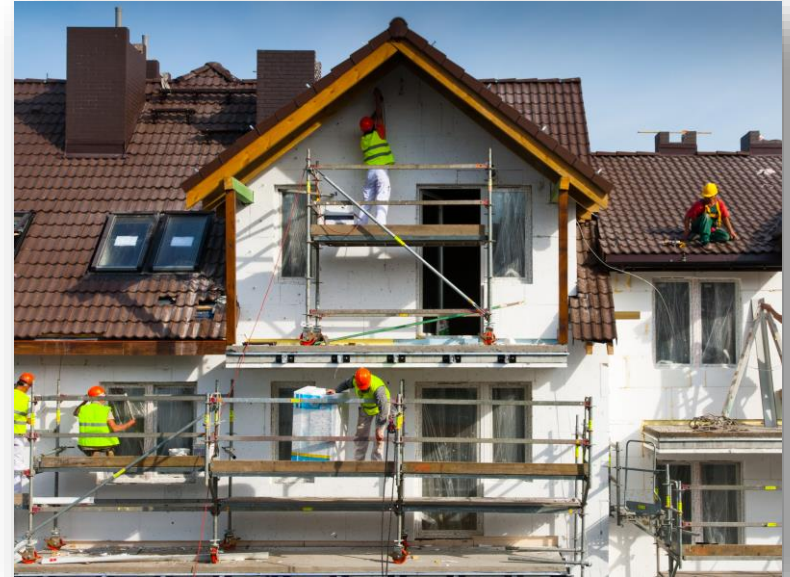
In the negotiations; Long-term renovation strategies; Roll-out of nZEB

Financing

Health and buildings – SEAI pilot; Changes to Eurostat Rules; Next round of EU funding

Regional Efforts

Cities and regions can be front-runners; Covenant of Mayors; Regional energy agencies; Cooperatives



Thank You for Your Attention!

EuroACE

Rond Point Schuman, 6
8th Floor
1040 Brussels

Tel: +32 2 639 10 10

Email: adrian.joyce@euroace.org
www.euroace.org

EuroACE
THE EUROPEAN ALLIANCE OF COMPANIES
FOR ENERGY EFFICIENCY IN BUILDINGS

[HOME](#) [ABOUT US](#) [NEWS & MEDIA](#) [EUROACE POSITIONS](#) [EUROACE ACTIONS](#) [Q](#)



EuroACE

EuroACE, the European Alliance of Companies for Energy Efficiency in Buildings was formed in 1998 by Europe's leading companies involved with the manufacture, distribution and installation of a variety of energy saving goods and services.

EuroACE works together with the European institutions to help Europe move towards an efficient use of energy in buildings, thereby contributing to the EU's commitments on job creation, energy security, and sustainability. More on energy efficiency in buildings [here](#).

MEMBERS



[/ VIEW ALL](#)