

**FIEC**

**European Construction Industry Federation**

**Recast Energy Performance of Buildings  
Directive**

**What will change?**

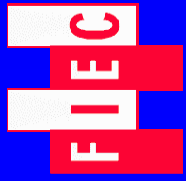
Frank Faraday, Director of Technical and Environmental Affairs



# FIEC

## European Construction Industry Federation




- 33 national member federations, representing companies
  - all sizes (97 % less than 20 operatives)
  - all kinds of building and civil engineering activities
  - all working methods: separate trades, general contractors, sub-contractors

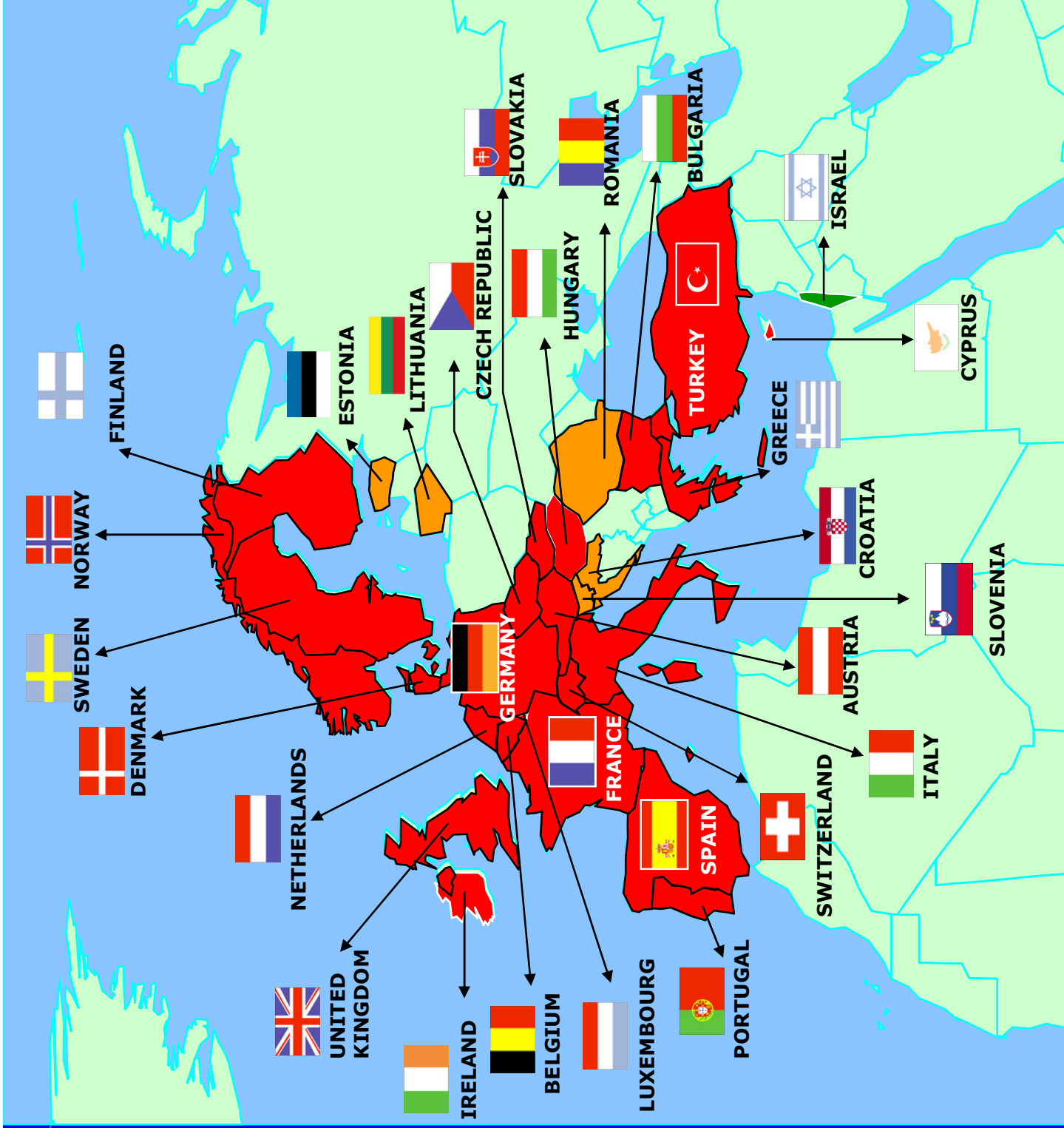


**created in 1905**

**28 countries  
33 federations**

enterprises of  
- all sizes  
- all kinds of  
building and  
civil engineering  
activities

-  Full Member
-  Observer
-  Co-operation Agreement



FIEC

European Construction Industry Federation

Active in many fields:

- Public Procurement
- Public Private Partnerships
- Health and Safety
- Qualifications and construction skills
- Standardisation
- Environment and energy concerns

# Potential for energy savings in the building sector.

- Best form of energy is energy not used.
- Buildings represent 40% of total energy demand and a third of all CO<sub>2</sub> emissions.
- Biggest single potential for energy savings.
- 11% less final energy could be consumed by 2020 if potential realised.

# Why act to increase energy efficiency in buildings?

- Help reduce energy demand and curb climate changing CO2 emissions.
- Help reduce dependency on fossil energy from unstable regions of the world.
- Help bring down fuel bills for households.
- Can be achieved at low economic cost!
- Help create employment in construction sector and related services amid current economic downturn.

# Energy Performance of Buildings Directive- Recast

## Why Now ?

- Gains in energy efficiency major EU priority. 20% gain by 2020.
- ‘Climate Change Package’: Plays key role in meeting goal of 20% reduction in GHG emissions by 2020.
- Question of energy security in volatile geo-political climate.
- Implementation of current directive insufficient. Generally thought that the scope of directive too limited. 72% of building stock excluded.

# Energy Performance of Buildings Directive- Recast

## Why Now ?

- Implementation deadline for current directive in January 2006.
- However could be extended in cases of 'lack of trained experts'. This has been a major bottleneck.
- Implementation insufficient. Several Member States taken to European Court of Justice for failure to implement directive in time.
- Generally thought that the scope of directive too limited. 72% of building stock excluded.

# Energy Performance of Buildings Directive- Recast

What changes:

- 1000m<sup>2</sup> threshold scrapped for upgrading existing buildings.

# Energy Performance of Buildings Directive- Recast

What changes:

- Energy Performance Certificates receive higher profile (e.g. the energy rating is shown when house is advertised for sale)  
Must include recommendations for improving energy efficiency.

# Energy Performance of Buildings Directive- Recast

What changes:

- A comparative methodology for calculating cost-optimal levels. Results binding on Member States after 2017.

# Energy Performance of Buildings Directive- Recast

What changes:

- Obligation to consider alternative systems (e.g. heat pumps) extended to all new buildings.

# Energy Performance of Buildings Directive- Recast

What changes:

- Member States to publish 'road maps' for move towards low and zero energy houses by 2020.

UK already has goal of all new homes zero carbon by 2016.

# Energy Performance of Buildings Directive- Recast

What changes:

- Penalties: In implementing the Directive, Member States must make provision for penalties. These must be ‘effective, proportionate and dissuasive’.

# Energy Performance of Buildings Directive- Recast

What doesn't change:

- 'Subsidiarity' principle still applies. Member States lay down concrete requirements.
- Member States competent for deciding on financial and fiscal incentives.
- Legislation has no impact on ability of Member States to apply reduced rates of VAT to renovation services.

# Energy Performance of Buildings Directive- Recast

## Next Steps:

- 'Rapporteur' in European Parliament has issued her draft report with initial amendments.
- Deadline for amendments- 19/02/2009
- Subsequent calendar uncertain at this stage.
- It is hoped that the legislation will be adopted under the Swedish EU Presidency- End 2009.

THANK YOU FOR YOUR  
ATTENTION!

For further information:  
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