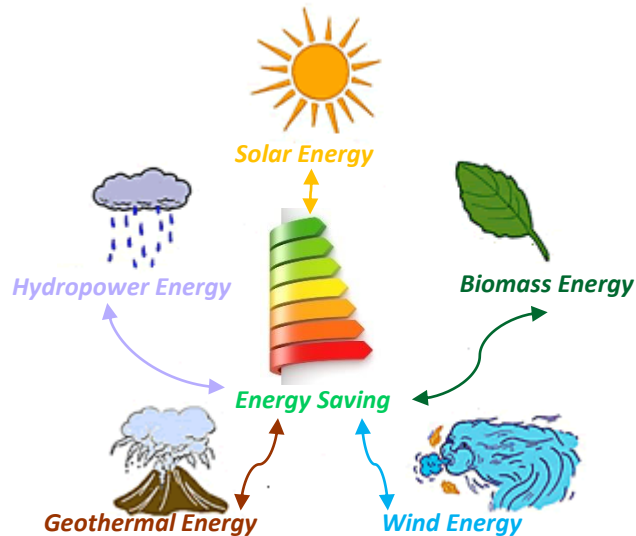




Will the legislative proposal close the efficiency gap in buildings?



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*Making the Negawatt
dream a global reality*



At least 14 EU instruments include provisions aiming at energy renovation



The fragmented policy “Diamond”

1. *Energy Performance Building Directive (EPBD)*
2. *Cost-optimum methodology regulation*
3. *Energy Efficiency Directive (EED)*
4. *Renewable Energy Directive (RED)*
5. *Ecodesign Directive*
6. *Labelling Directive*
7. *Emission Trading Scheme Directive (ETS)*
8. *Effort Sharing Decision (ESD)*
9. *Mechanism for Monitoring and Reporting (MMR)*
10. *Directive on Internal Market in Electricity (IME)*
11. *Directive on Internal Market in Gas (IMG)*
12. *State Aid Regulation*
13. *Multiannual Financial Framework (MMF)*
14. *Accounting rules (ESA)*



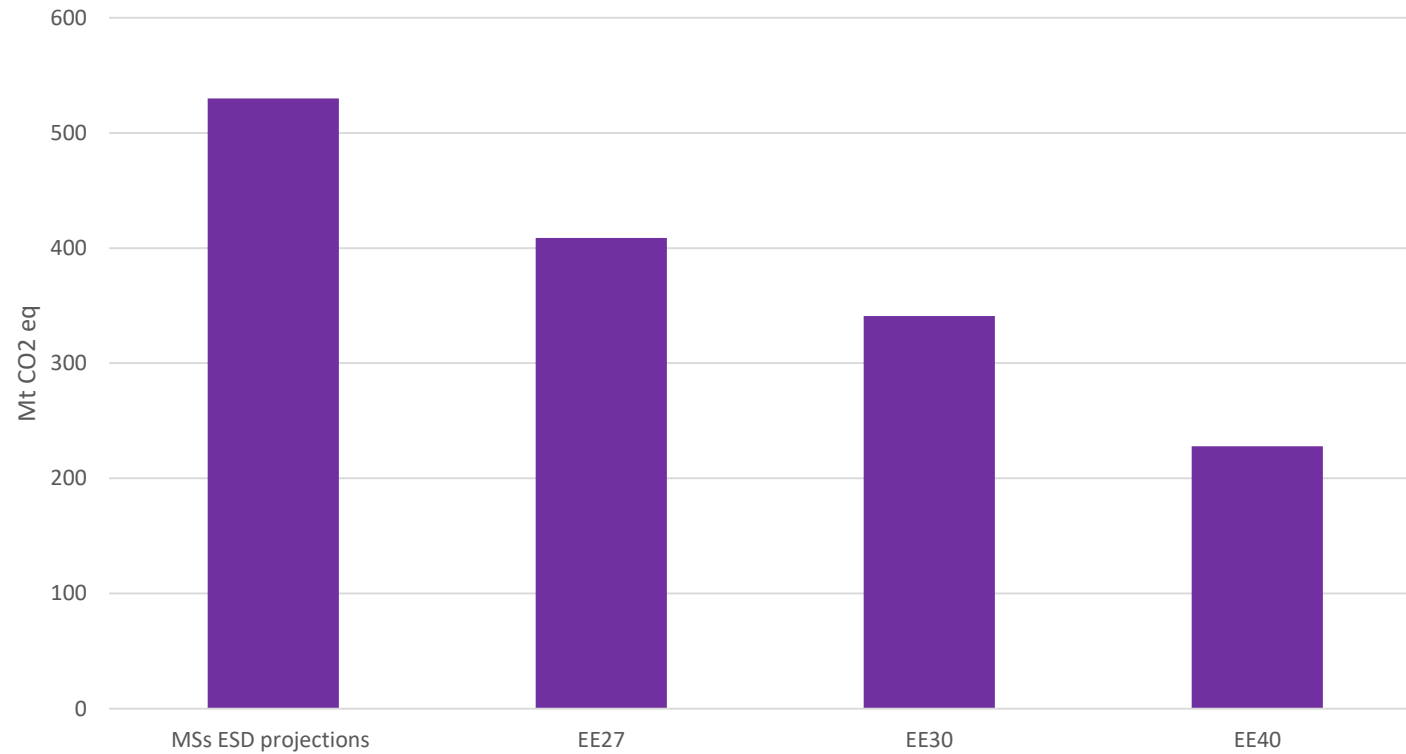
The fragmentation of provisions aiming at energy renovation hinders the increase of the ambition level



The binding ESD target, if aligned with the Paris Climate Agreement, would increase the ambition level



2030 GHG emissions projections for buildings by MSs and EC modelling



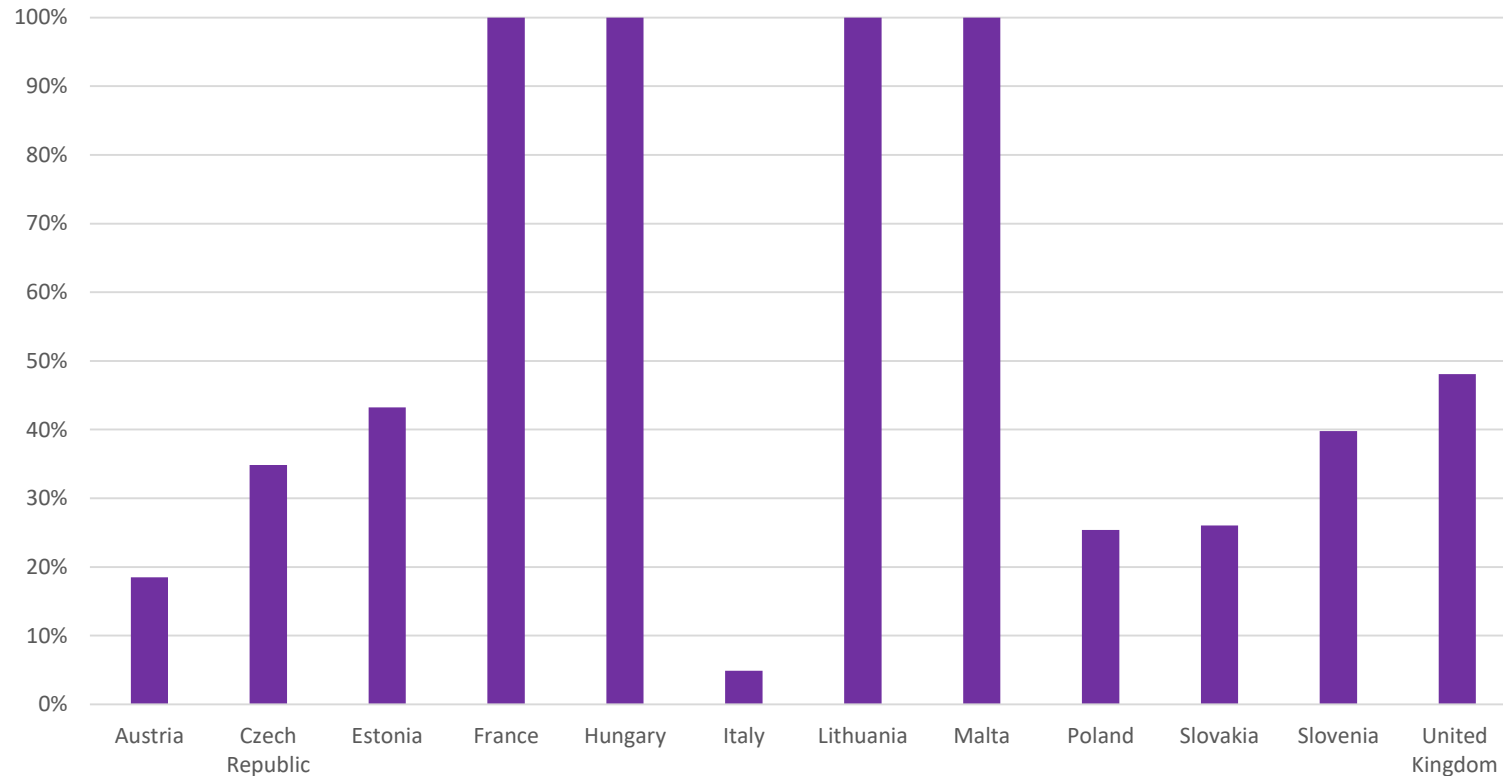
MSs projections of buildings GHG emissions need to be aligned with those of the EC



Energy renovation is not prioritised in the use of ETS revenues by all MSs



Share of ETS revenues used for energy renovation in 2014



More transparency in the use of ETS revenues is needed



Electricity and gas taxes make more vulnerable citizens in risk of ending-up in energy poverty



€/kWh	Electricity taxes per consumption bands					Gas taxes per consumption bands		
	<1000 kWh	1000<C<2500	2500<C<5000	5000<C<15000	>15000 kWh	<20GJ	20GJ<C<200GJ	>200GJ
Belgium	0,0632	0,0537	0,0510	0,0474	0,0439	0,0205	0,025	0,0208
Bulgaria	0,0163	0,0160	0,0160	0,0160	0,0160	0,0072	0,013	0,0130
Czech Republic	0,0510	0,0358	0,0236	0,0203	0,0181	0,0158	0,0202	0,0190
Denmark	0,2159	0,2159	0,2102	0,1449	0,1449	0,0438	0,0591	0,0591
Germany	0,1749	0,1565	0,1519	0,1494	0,1426	0,0253	0,0276	0,0260
Estonia	0,0350	0,0340	0,0340	0,0340	0,0340	0,0093	0,0161	0,0139
Ireland	0,1311	0,0695	0,0463	0,0345	0,0246	0,0143	0,0209	0,0191
Greece	0,0584	0,0537	0,0544	0,0681	0,0816	0,0194	0,0231	0,0189
Spain	0,1132	0,0610	0,0507	0,0446	0,0428	0,0231	0,0347	0,0252
France	0,0638	0,0578	0,0568	0,0559	0,0560	0,0276	0,0255	0,0213
Croatia	0,0455	0,0329	0,0309	0,0298	0,0290	0,0110	0,0182	0,0174
Italy	0,0923	0,0741	0,0949	0,1224	0,1324	0,0326	0,0473	0,0452
Cyprus	0,0473	0,0376	0,0375	0,0374	0,0370	0,0148	0,0186	0,0185
Latvia	0,0554	0,0555	0,0554	0,0553	0,0550	0,0129	0,0152	0,0152
Lithuania	0,0385	0,0383	0,0380	0,0373	0,0362	0,0073	0,0108	0,0113
Luxembourg	0,0482	0,0447	0,0436	0,0425	0,0417	0,0079	0,015	0,0148
Hungary	0,0274	0,0252	0,0243	0,0237	0,0252	0,0417	0,047	0,0442
Malta	0,0154	0,0067	0,0060	0,0073	0,0178	0,0215	0,0307	0,0276
Netherlands			0,0605	0,1148	0,0697	0,0112	0,0186	0,0184
Austria	0,1485	0,0951	0,0744	0,0643	0,0537	0,0267	0,0408	0,0375
Poland	0,0382	0,0328	0,0312	0,0303	0,0299	0,0163	0,0227	0,0209
Portugal	0,2104	0,1247	0,1132	0,1063	0,0986	0,0189	0,0284	0,0275
Romania	0,0388	0,0385	0,0381	0,0378	0,0372	0,0174	0,0166	0,0174
Slovenia	0,1065	0,0686	0,0505	0,0394	0,0318	0,0668	0,0763	0,0713
Slovakia	0,0451	0,0323	0,0285	0,0252	0,0225	0,0046	0,0062	0,0056
Finland	0,0809	0,0613	0,0521	0,0483	0,0446	0,0205	0,025	0,0208
Sweden	0,0986	0,0715	0,0672	0,0606	0,0565	0,0072	0,013	0,0130
United Kingdom	0,0128	0,0117	0,0104	0,0096	0,0089	0,0158	0,0202	0,0190

Two policy options for the upcoming legislative package

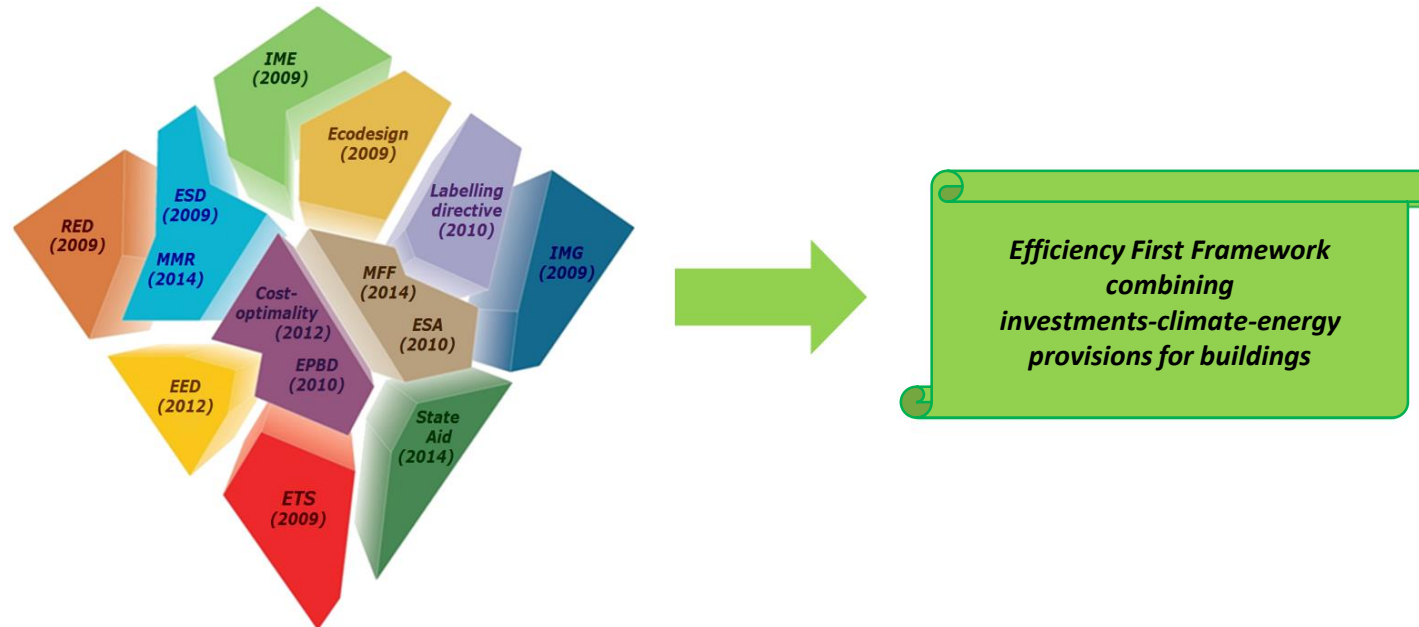


1. **BAU policy design option: Each instrument is revised separately. At the best, identified loopholes, which hinder energy renovation, will be addressed.**

2. **One single, streamlined and integrated investments-climate- energy framework based on the “Efficiency First Principle” with:**
 - **Energy and Carbon reduction targets for buildings.**
 - **Net Zero Energy consumption requirements when buildings are renovated.**
 - **Prioritisation of investments in energy transition in the economic decisions.**



Thank you for your attention



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