

# Energy Performance of Buildings Directive



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*May 2023*



**ISOLATE  
PUTIN.**



**INSULATE  
HOMES.**

**MORE SUN.  
MORE WIND.**



**MORE PEACE.**

# Greenhouse Gas Emissions: Climate Challenge

- European Green Deal: Carbon Neutrality by 2050
  - Longer term, bigger picture
- #FitFor55: 55% Greenhouse Gas reduction 1990-2030
  - Clear medium term goals, new laws and revised laws
- RepowerEU: renewables, efficiency, and alternate supplies
  - Short-term response to Ukraine crisis
  - Become independent of Russian Fossil fuels

# Energy Performance of Buildings Directive

- Minimum Energy Performance Standards
- Zero emission buildings
- Neighbourhood Approach
- Buildings and E-mobility
- One-stop Shops
- Smart Buildings
- Finance



# G Rating:

- The Union-wide minimum energy performance standards should be based on harmonised energy performance classes.
- The letter G shall correspond to the 15% worst-performing buildings in the national building stock at the time of the introduction of the scale. Member States shall ensure that the remaining classes **A** to F have an even bandwidth distribution of energy performance indicators among the energy performance classes. Member States shall ensure a common visual identity for energy performance certificates on their territory.
- By defining the lowest energy performance class G as the worst-performing 15% of each Member State's national building stock, the harmonisation of energy performance classes ensures similar efforts by all Member States, while the definition of the best energy performance class A ensures the convergence of the harmonised energy performance class scale towards the common vision of zero-emission buildings.

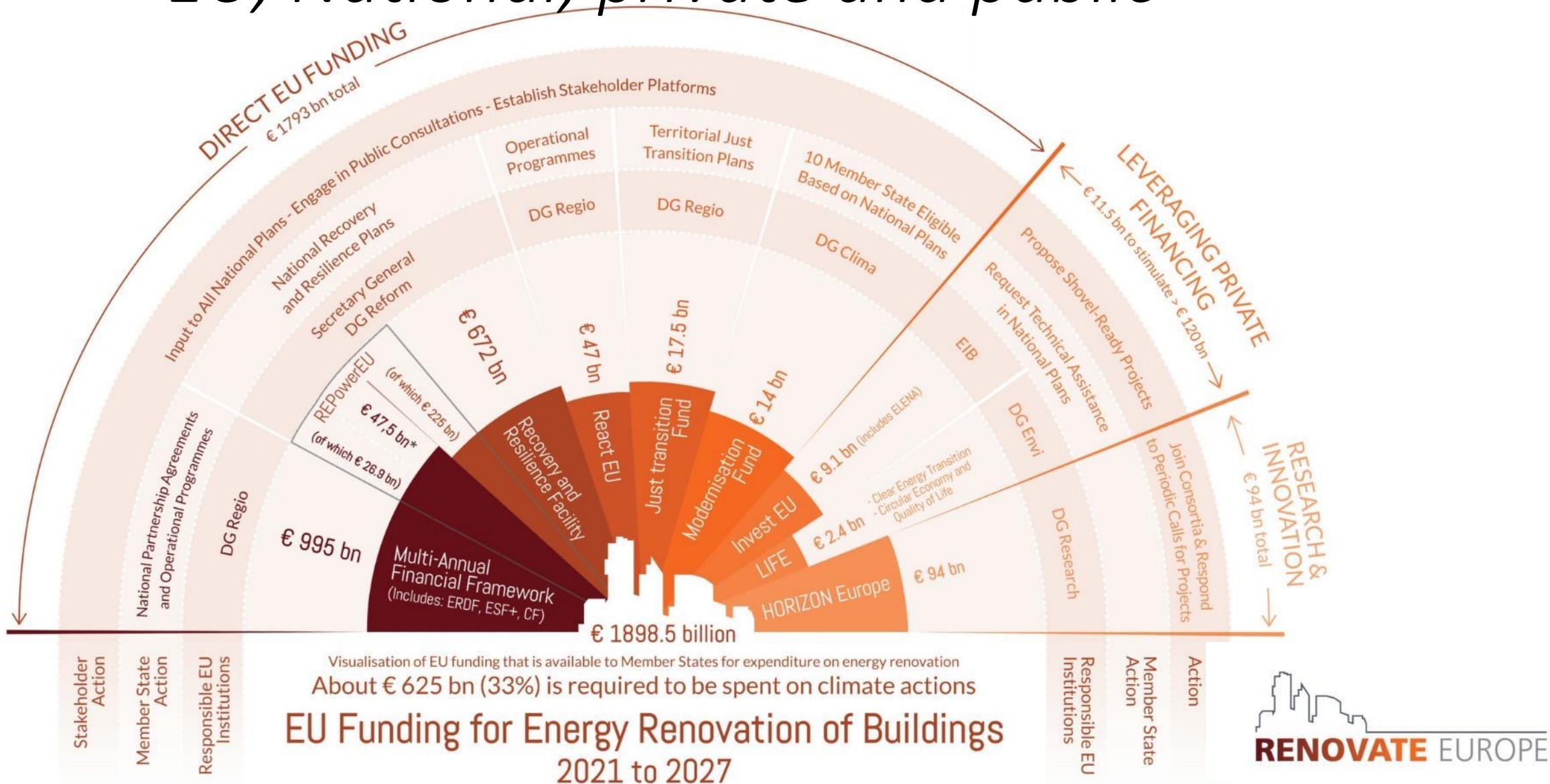


# Energy Performance Classes by Member State

kWh/m <sup>2</sup> /year OP	Austria	Belgium	Denmark	France	Germany	Greece	Ireland	Italy	Netherlands	Portugal	Spain	UK	
0-5	A++	Slider	A2020	A	A+	A+ (= < 30)	A1	A4	A++	A+	A (= < 34.1)	A (= < 32)	
5-10	A+												
10-15	A												
15-20	B												
20-25													A2015
25-30	C												
30-35													A2010 (= < 52.5)
35-40													A
40-45	D												
45-50													B
50-55		A3											
55-60			B										
60-65		A2											
65-70			B										
70-75		A1											
75-80			B										
80-85		A											
85-90			B										
90-95	A												
95-100		B											
100-110	C												
110-120		B (= < 105)											
120-130	D												
130-140		B (= < 115)											
140-150	E												
150-160		C											
160-170	F												
170-180		D (= < 145)											
180-190	G												
190-200		E											
200-210	G												
210-220		F (= < 175)											
220-230	G												
230-240		D1											
240-250	G												
250-260		E											
260-270	G												
270-280		D2											
280-290	G												
290-300		F											
300-310	G												
310-320		G											
320-330	G												
330-340		E1											
340-350	G												
350-360		F											
360-370	G												
370-380		G											
380-390	G												
390-400		F											
400-425	G												
425-450		G											
>450	G												

# Finance

## *EU, National, private and public*







Thank you! [ciaran.cuffe@ep.europa.eu](mailto:ciaran.cuffe@ep.europa.eu)