



EPBD Implementation

Intelligent Energy  Europe

Rhône-Alpes ^{Région}

Done (or quite)

- General law on energy
 - July 13th 2005
 - Gives the basis for the transposition of the directive
- Decree on the energy certificate
 - Last review by the State Council last week
 - After numerous delays, especially due to inter-ministerial discussions
 - Technical texts for the methods and the accreditation of experts will follow immediately
 - No need to be reviewed by the State Council
- Technical rules for new buildings

In progress

- Other decrees
 - Need of energy study
 - New or refurbished (works > 25 % of the value) buildings over 1000 m² : July 1st, 2007
 - Improvement of the energy performance
 - Refurbished (works > 25 % of the value) buildings over 1000 m² : July 1st, 2007
 - All buildings : technical requirements : January 1st, 2007
 - Possibility to build more than allowed
 - When using renewable energy sources

Certificates : planning

- Sold buildings
 - July 1st, 2006, more probably October 1st, 2006
- Rented buildings
 - July 1st, 2007
- New buildings
 - July 1st, 2007
- Public buildings
 - January 1st or July 1st
 - Depending on the category

Consumptions

Building	Standard	Actual
Individual house <i>Heating, cooling, SHW</i>	X	<i>(possible if build before 1948)</i>
Apartment building with individual heating <i>Heating, cooling, SHW</i>	X	
Apartment building with collective heating <i>Heating, cooling, SHW</i> <i>Possibility of a global certificate</i>		X
Apartment building entirely sold <i>Heating, cooling, SHW</i> <i>Global certificate</i>	X	
All other buildings <i>All consumptions</i>		X

Scales

- 1st on primary energy consumption
 - Non renewable energy : coefficient 1
 - Electricity : coefficient 2,58
 - Renewable energie : coefficient 0
- 2nd on CO₂ emissions
- Indication of energy consumption costs

Scales for housing

A	< 50 kWh/m ² /an
B	51 – 90
C	91 – 150
D	151 – 230
E	231 – 330
F	331 – 450
G	> 450

A	< 5 kg _{eq} CO ₂ /m ² /an
B	6 – 10
C	11 – 20
D	21 – 35
E	36 – 55
F	56 – 79
G	> 80

Other buildings

désignation de la classe	plage de consommations (kWh/m ² .an)					
	bureau administratif	enseignement	Socio-culturel	hôpitaux, établissements de santé	Centre de secours	autres
A	≤ 75	≤ 75	≤ 75	≤ 150	≤ 100	≤ 75
B	75 à 135	75 à 125	75 à 150	151 à 225	101 à 140	75 à 125
C	136 à 195	126 à 175	151 à 225	226 à 300	141 à 180	126 à 175
D	196 à 255	176 à 225	226 à 300	301 à 375	181 à 220	176 à 225
E	256 à 315	226 à 275	301 à 375	376 à 450	221 à 260	226 à 275
F	316 à 375	276 à 325	376 à 450	451 à 525	261 à 300	276 à 325
G	> 375	> 325	≥ 450	> 525	> 300	> 325

Methodology

- A free methodology is developed
- Other ones will have the possibility to be agreed
- A guide for the recommendations for saving energy will be issued. Main principles :
 - Improve the performance
 - Do not create problems (moisture, ...)
 - Avoid bad examples