

# Spain



## Market size (GW)

|                 |                 |
|-----------------|-----------------|
| 1997: 427 MW    | 2011: 21,673 MW |
| 1998: 834 MW    | 2012: 22,796 MW |
| 1999: 1,542 MW  | 2013: 22,959 MW |
| 2000: 2,535 MW  | 2014: 22,987 MW |
| 2001: 3,337 MW  | 2015: 23,007 MW |
| 2002: 4,830 MW  | 2016: 23,075 MW |
| 2003: 6,202 MW  | 2017: 23,170 MW |
| 2004: 8,263 MW  | 2018: 23,431 MW |
| 2005: 10,028 MW | 2019: 25,808 MW |
| 2006: 11,630 MW | 2020: 27,446 MW |
| 2007: 15,145 MW | 2021: 27,497 MW |
| 2008: 16,740 MW | 2022: 29,308 MW |
| 2009: 19,149 MW | 2023: 30,748 MW |
| 2010: 20,623 MW |                 |

## WTG manufacturers

Acciona (acquired)  
 ACSA (no longer exists)  
 ADES (active)  
 Adwen (acquired)  
 DESA (no longer exists)  
 Ecotecnia (acquired)  
 Electria Wind (active)  
 Eozen (no longer exists)  
 Gamesa (acquired)  
 Ingetur (acquired)  
 Izar (no longer exists)  
 M Torres (acquired)  
 Made (acquired)  
 Navantia-Siemens (no longer exists)  
 Norvento (active)  
 Siemens-Gamesa (active)

## Main actors

Acciona Energia  
 EDP Renovaveis  
 Iberdrola Renewables  
 Gamesa  
 Elecnor  
 Elawan  
 Eolia  
 Naturgy  
 Cobra  
 Siemens-Gamesa  
 ACS  
 Ibereolica  
 Ocean Winds  
 BlueFloat Energy  
 Renovalia  
 Avangrid Renewables  
 Norvento Enerxia  
 M Torres Desarrollos Energéticos  
 Olivento SL  
 Gecal SA  
 Greenalia SA  
 Molinos del Ebro SA  
 Elecdy  
 Vapat  
 Eolica Guadalteba

## Wind Energy Associations

Asociacion Empresarial Eolica (AEE), Asociacion de Promotores de Energia Eolica de Castilla y Leon (APECYL), Asociacion Eolica Canaria (AEOLICAN), Asociacion Eolica Del Principado de Asturias (AEPA), Galician Wind Association (EGA)

