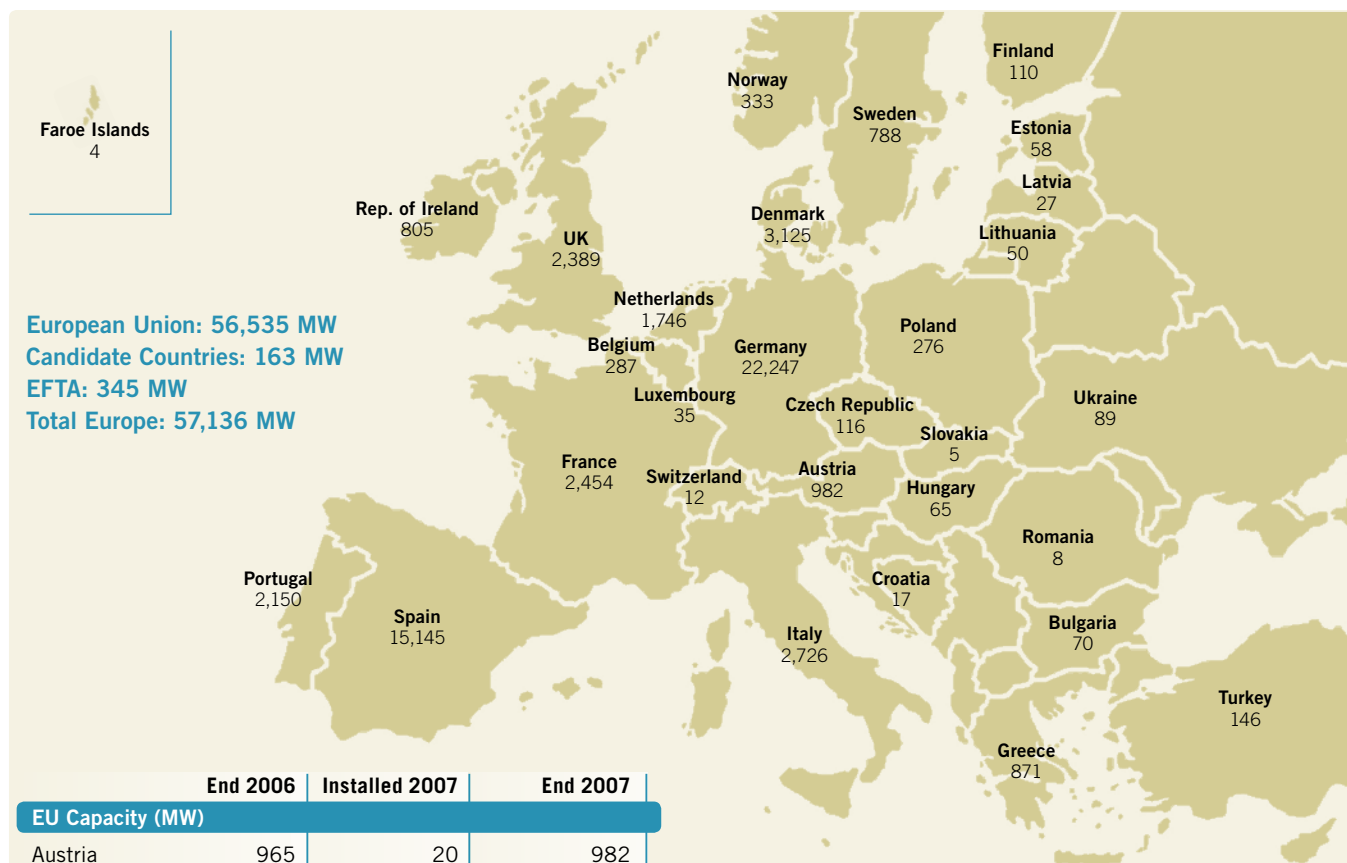


## Onshore

### Wind power installed in Europe by end of 2007 (cumulative)



	End 2006	Installed 2007	End 2007
<b>EU Capacity (MW)</b>			
Austria	965	20	982
Belgium	194	93	287
Bulgaria	36	34	70
Cyprus	0	0	0
Czech Republic	54	63	116
Denmark	3,136	3	3,125
Estonia	32	26	58
Finland	86	24	110
France	1,567	888	2,454
Germany	20,622	1,667	22,247
Greece	746	125	871
Hungary	61	4	65
Ireland	746	59	805
Italy	2,123	603	2,726
Latvia	27	0	27
Lithuania	48	7	50
Luxembourg	35	0	35
Malta	0	0	0
Netherlands	1,558	210	1,746
Poland	153	123	276
Portugal	1,716	434	2,150
Romania	3	5	8
Slovakia	5	0	5
Slovenia	0	0	0
Spain	11,623	3,522	15,145
Sweden	571	217	788
UK	1,962	427	2,389
<b>Total EU-12</b>	<b>419</b>	<b>263</b>	<b>675</b>
<b>Total EU-15</b>	<b>47,651</b>	<b>8,291</b>	<b>55,860</b>
<b>Total EU-27</b>	<b>48,069</b>	<b>8,554</b>	<b>56,535</b>
<i>Of which offshore</i>	<i>870</i>	<i>210</i>	<i>1,080</i>

	End 2006	Installed 2007	End 2007
<b>Candidate Countries (MW)</b>			
Croatia	17	0	17
FYROM*	0	0	0
Turkey	50	97	146
<b>Total</b>	<b>67</b>	<b>97</b>	<b>163</b>

	End 2006	Installed 2007	End 2007
<b>EFTA (MW)</b>			
Iceland	0	0	0
Liechtenstein	0	0	0
Norway	325	8	333
Switzerland	12	0	12
<b>Total</b>	<b>337</b>	<b>8</b>	<b>345</b>

	End 2006	Installed 2007	End 2007
<b>Other (MW)</b>			
Faroe Islands	4	0	4
Ukraine	86	3	89
<b>Total Europe</b>	<b>48,563</b>	<b>8,662</b>	<b>57,136</b>

\*FYROM = Former Yugoslav Republic of Macedonia

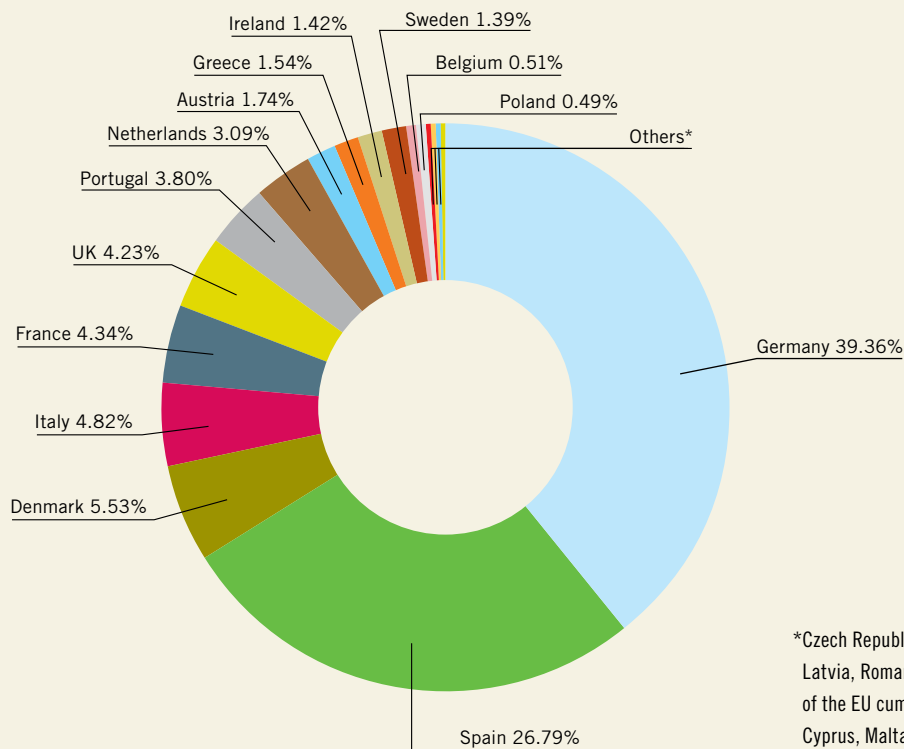
Note: Due to previous-year adjustments, project decommissioning of 88 MW, re-powering and rounding figures up and down, the total for the 2007 end-of-year cumulative capacity is not exactly equivalent to the sum of the 2006 end-of-year total plus the 2007 additions.

## Onshore

### Cumulative installed capacity EU - 27 by end of 2007 (MW)

Country	End 2006	New Installed 2007	Decommissioned 2007	Total End 2007
Germany	20,622	1,667	41	22,247
Spain	11,623	3,522	0	15,145
Denmark	3,136	3	14	3,125
Italy	2,123	603	0	2,726
France	1,567	888	1	2,454
UK	1,962	427	0	2,389
Portugal	1,716	434	0	2,150
Netherlands	1,558	210	22	1,746
Austria	965	20	3	982
Greece	746	125	0	871
Ireland	746	59	0	805
Sweden	571	217	0	788
Belgium	194	93	0	287
Poland	153	123	0	276
Czech Republic	54	63	1	116
Finland	86	24	0	110
Bulgaria	36	34	0	70
Hungary	61	4	0	65
Estonia	32	26	0	58
Lithuania	48	7	5	50
Luxembourg	35	0	0	35
Latvia	27	0	0	27
Romania	3	5	0	8
Slovakia	5	0	0	5
Cyprus	0	0	0	0
Malta	0	0	0	0
Slovenia	0	0	0	0

### Cumulative installed capacity EU - 27 share per member state by end of 2007



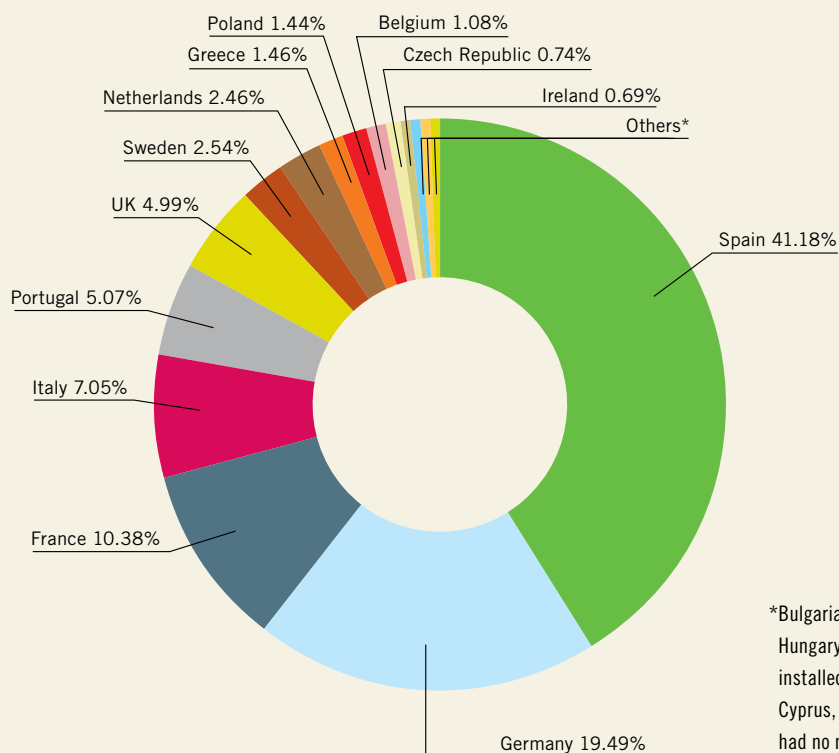
\*Czech Republic, Finland, Bulgaria, Hungary, Estonia, Latvia, Romania and Slovakia represent less than 0.5% of the EU cumulative capacity.  
Cyprus, Malta and Slovenia have no wind power installed.

## Onshore

### New installed capacity EU - 27 by end of 2007 (MW)

Country	New Installed 2007	Revised end 2006	Decommissioned 2007	Total End 2007
Spain	3,522	11,623	0	15,145
Germany	1,667	20,622	41	22,247
France	888	1,567	1	2,454
Italy	603	2,123	0	2,726
Portugal	434	1,716	0	2,150
UK	427	1,962	0	2,389
Sweden	217	571	0	788
Netherlands	210	1558	22	1746
Greece	125	746	0	871
Poland	123	153	0	276
Belgium	93	194	0	287
Czech Republic	63	54	1	116
Ireland	59	746	0	805
Bulgaria	34	36	0	70
Estonia	26	32	0	58
Finland	24	86	0	110
Austria	20	965	3	982
Lithuania	7	48	5	50
Romania	5	3	0	8
Hungary	4	61	0	65
Denmark	3	3,136	14	3,125
Cyprus	0	0	0	0
Latvia	0	27	0	27
Luxembourg	0	35	0	35
Malta	0	0	0	0
Slovakia	0	5	0	5
Slovenia	0	0	0	0

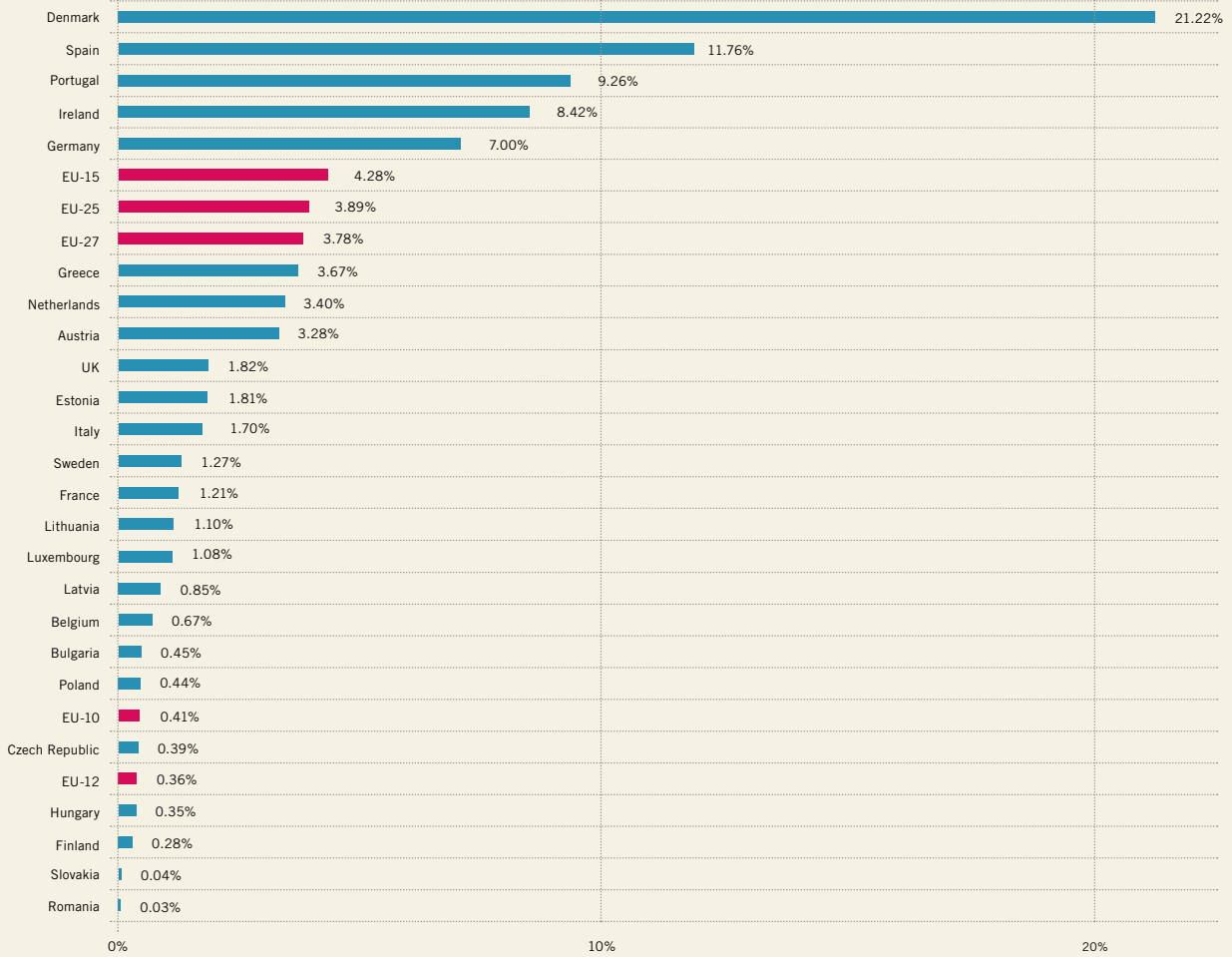
### New installed capacity EU - 27 share per member state by end of 2007



\*Bulgaria, Estonia, Finland, Austria, Lithuania, Romania, Hungary and Denmark represent less than 0.5% of the new installed capacity.  
Cyprus, Latvia, Luxembourg, Malta, Slovakia and Slovenia had no new wind power installations in 2007.

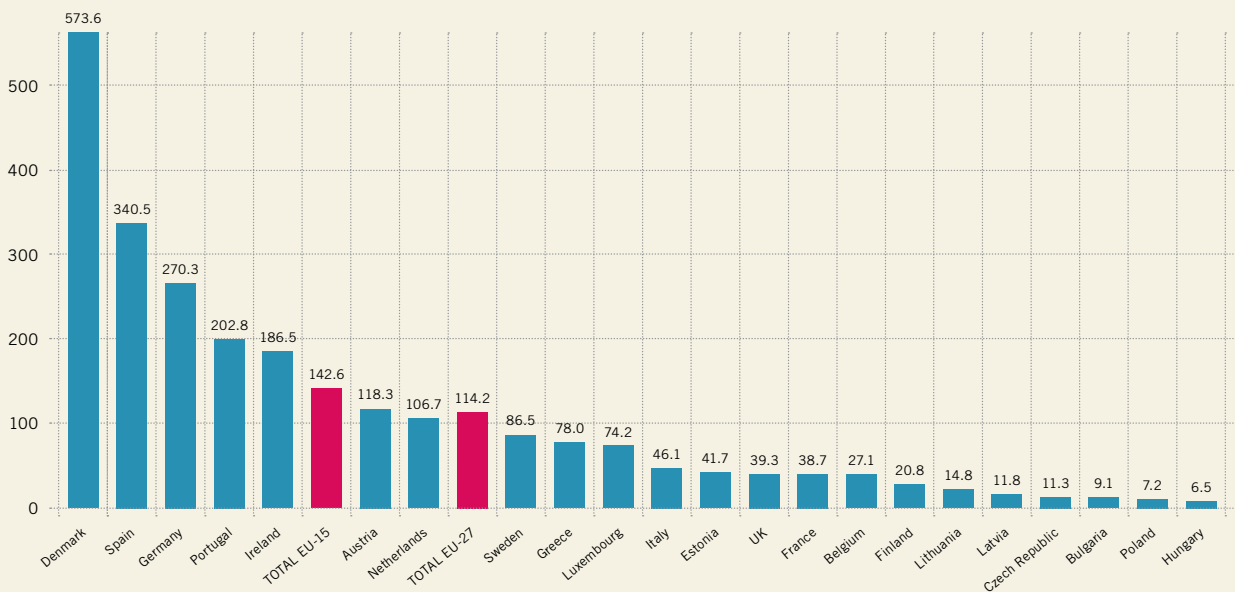
# Onshore

## Wind share of EU electricity demand by end of 2007



Source: wind energy share EWEA 2007 & electricity consumption Eurelectric 2006

## Wind Capacity in the EU by end of 2007 (kW/1000 inhab.)



Source: Eurostat EWEA

## Offshore

### Denmark

Project	Location	Capacity	Number of turbines	Water depth (m)	Distance to shore (km)	On line
<b>In operation</b>						
Vindeby	Blæsenborg Odde, NW off Vindeby, Lolland	4.95	11	2.5 to 5	2.5	1991
Tunø Knob	off Aarhus, Kattegat Sea	5	10	0.8 to 4	6	1995
Middelgrunden	Oresund, east of Copenhagen harbour	40	20	5 to 10	2 to 3	2001
Horns Rev	Blåvandshuk, Baltic Sea	160	80	6 to 14	14-20	2002
Nysted Havmøllepark	Rødsand, Lolland	165.6	72	6 to 9	6	2003
Samsø	Paludans Flak, South of Samsø	23	4	11 to 18	3.5	2003
Frederikshavn	Frederikshavn Harbour	10.6		3	0.8	2003
Rønland*	Lim fjord, off Rønland peninsula,	17.2	8	3		2003
* near shore projects		409.15				
<b>Under construction</b>						
Horns Rev II	Blåvandshuk, Baltic Sea (10km west of Horns Rev)	200	10 to 18	n.c.	17	2009
Nysted Havmøllepark II	9km off Rødsand, Lolland in the Baltic Sea	200	6 to 9	n.c.	10	2010

### United Kingdom

Project	Location	Region	Capacity	Number of turbines	Water depth (m)	Distance to shore (km)	On line
<b>In operation</b>							
Barrow	7km Walney Island	Off England	90	30	>15	7 km	2006
Beatrice	Beatrice Oilfield, Moray Firth	Off Scotland	10	2	>40	unknown	2007
Blyth Offshore	1km Blyth Harbour	Off England	3.8	2	6	1 km	2000
Burbo Bank	5.2km Crosby	Off England	90	25	10	5.2 km	2007
Kentish Flats	8.5km offshore from Whitstable	Off England	90	30	5	8.5 km	2005
North Hoyle	7.5km Prestatyn & Rhyl	Off Wales/England	60	30	5 to 12	7.5 km	2003
Scroby Sands	3km NE Great Yarmouth	Off England	60	30	2 to 10	3 km	2004
<b>Under construction</b>							
Inner Dowsing	5.2km Ingoldmells	Off England	90	27	10	5.2 km	n.c.
Lynn	5.2km Skegness	Off England	97	30		5.2 km	n.c.
Rhyl Flats	8km Abergele	Off Wales	90	25	8	8 km	n.c.
Solway Firth/ Robin Rigg A	9.5km Maryport/ 8.5km off Rock Cliffe	Off England/ Scotland	90	30	>5	9.5 km	n.c.
Solway Firth/ Robin Rigg B	9.5km Maryport/	Off England/	90	30	>5	9.5 km	n.c.

## Offshore

### Netherlands

Project	Location	Capacity	Number of turbines	Water depth (m)	Distance to shore (km)	On line
<b>In operation</b>						
Offshore Wind Farm Egmond aan Zee (OWEZ)	Egmond aan Zee	108	36	17-23 m	8 to 12 km	2006
<b>Under construction</b>						
Offshore Wind Q7	Ijmuiden	120	60	19-24 m	> 23 km	2008

### Sweden

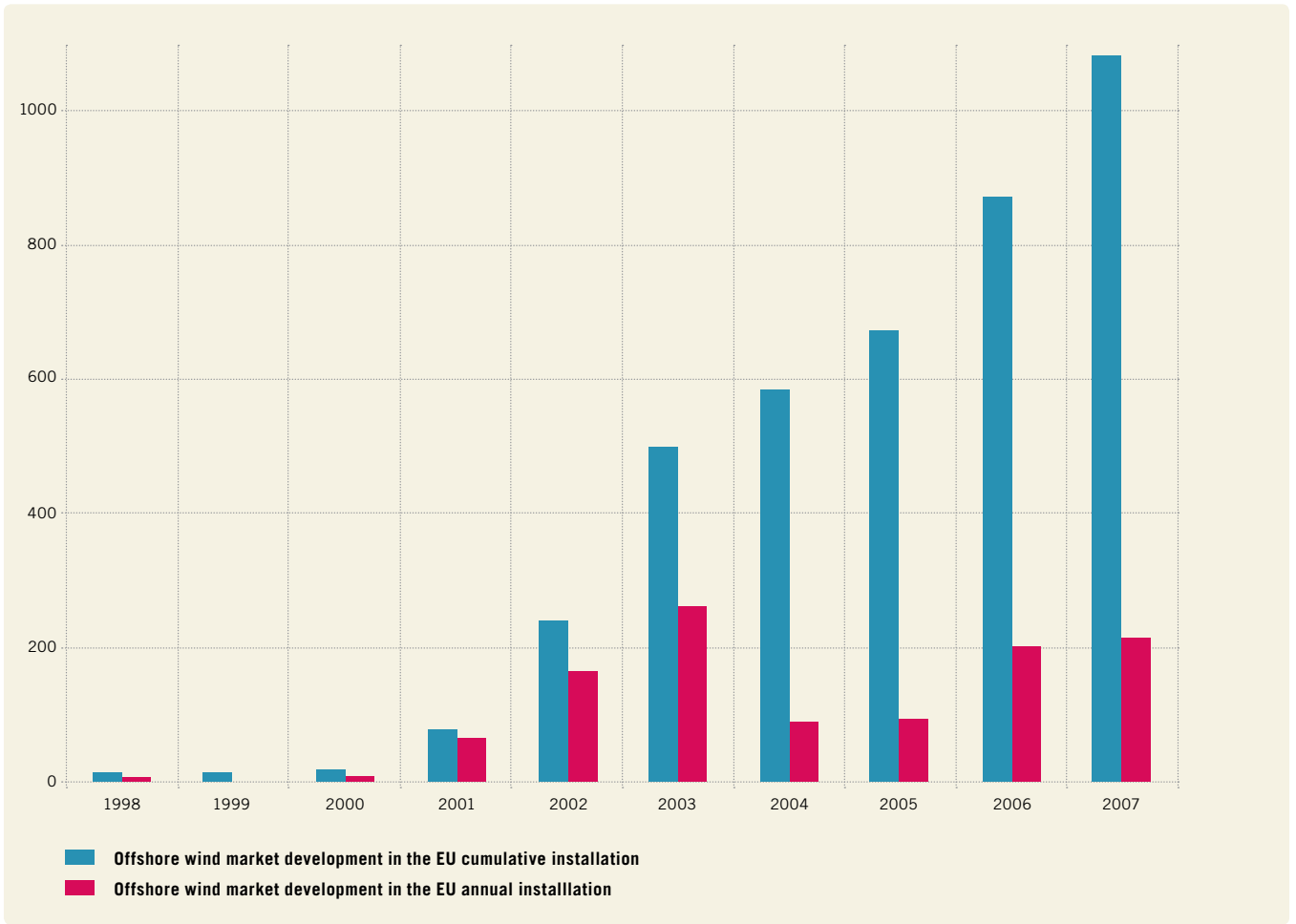
Project	Location	Capacity	Number of turbines	Water depth (m)	Distance to shore (km)	On line
<b>In operation</b>						
Bockstigen	Gotland	2.8	5	6-8 m	3 km	1998
Utgrunden I	Kalmarsund	10.5	7	4-10 m	7 km	2001
Yttre Stengrund	Kalmarsund	10.0	5	8-12 m	4 km	2002
Lillgrund	Malmö	110.0	48	2.5-9 m	10 km	2007
<b>Under construction</b>						
Gässlingegrund	Vänern	30	10	4-10 m	4 km	2009

### Ireland

Project	Location	Capacity	Number of turbines	Water depth (m)	Distance to shore (km)	On line
Arklow Bank	off Arklow, Co Wicklow	25.2	7	15	7	2004

# Offshore

## Development of offshore wind power in the EU 1998-2007



## Total offshore wind power installed by end 2007

