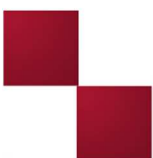


WIND FARMS IN PORTUGAL

December 2010

ahr@inegi.up.pt



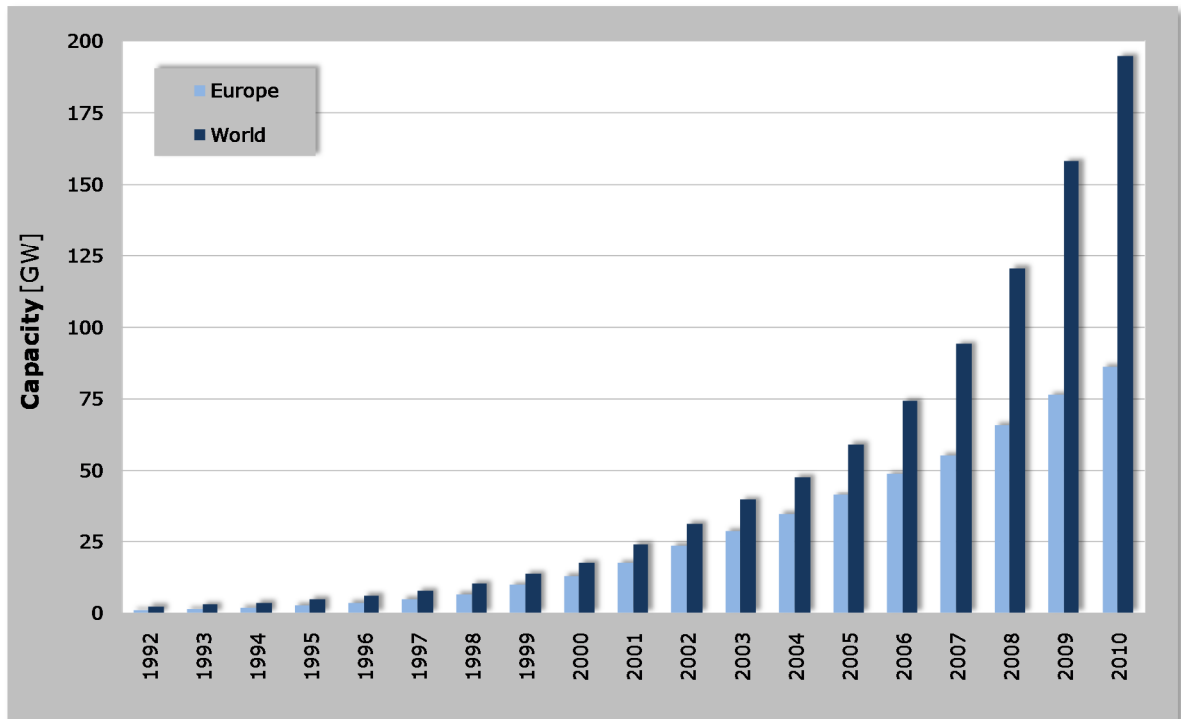
Although collected in view of maximum accuracy,
the information contained in this document
doesn't oblige INEGI, and shall not be used for other purposes
beyond helping anyone interested in the progress
of the use of wind as an energy source for electricity generation in Portugal.

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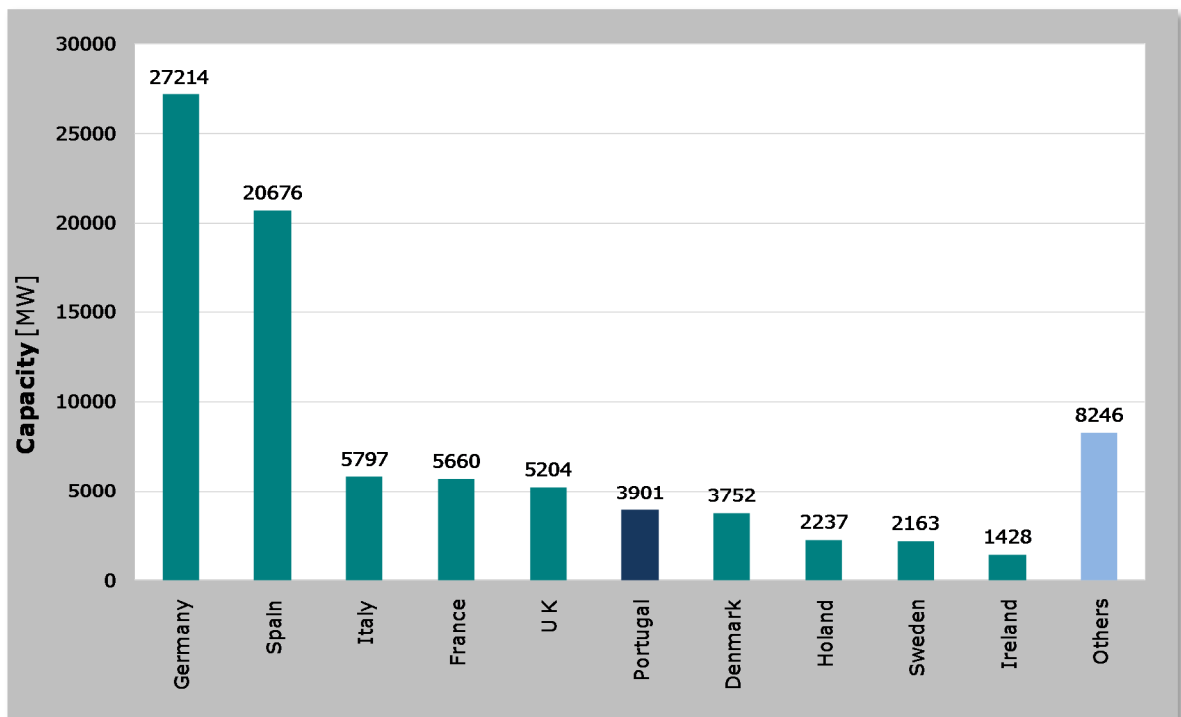
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Tel: +351 22 957 87 10 | Fax: +351 22 953 73 52 | e-mail: inegi@inegi.up.pt | site: www.inegi.up.pt

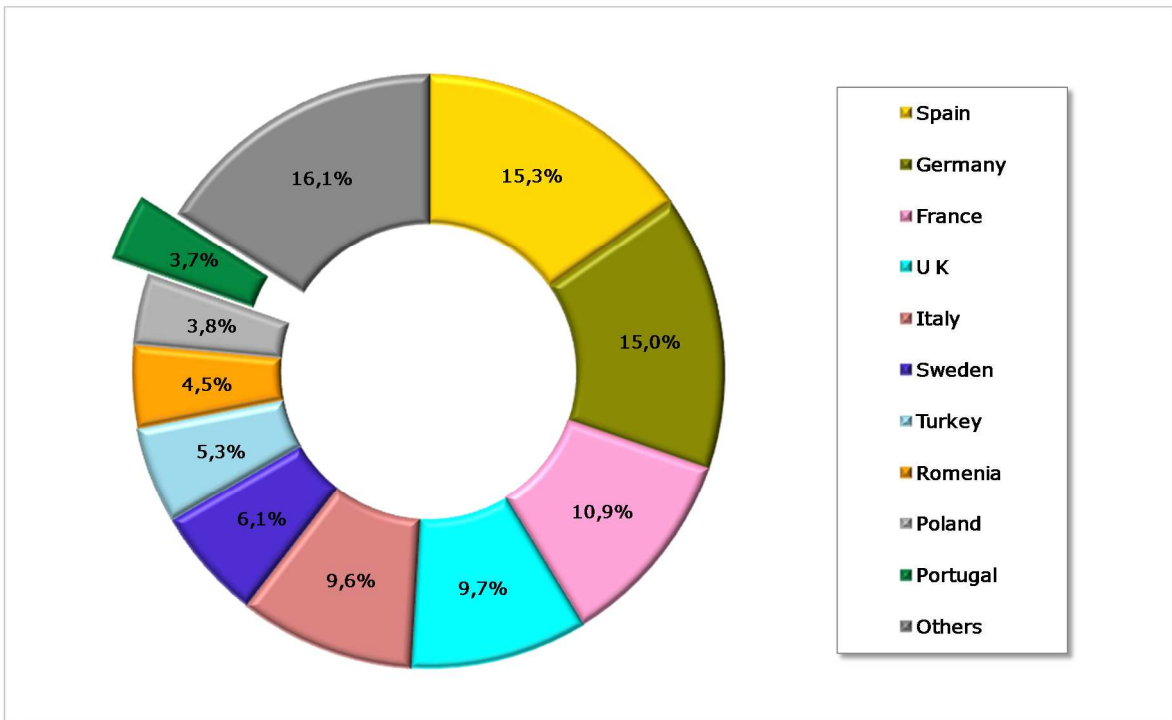
Growth of the wind energy based generating capacity



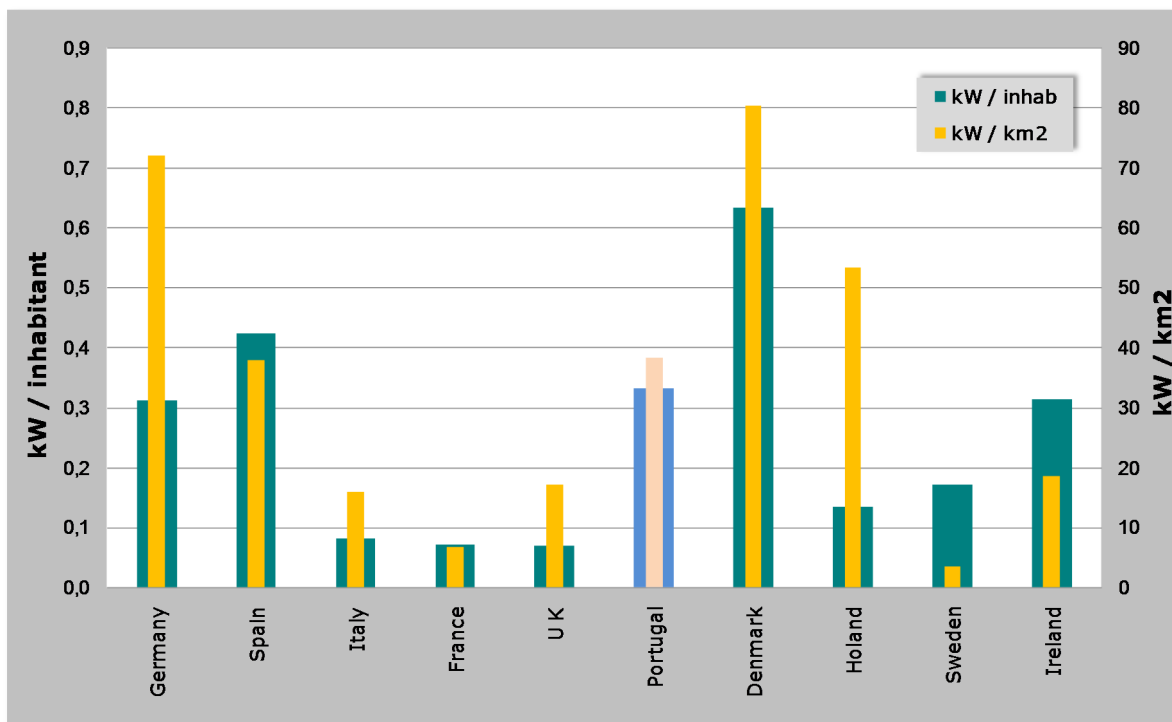
Wind energy based generating capacity Europe - Dec10



Europe - Share of new capacity installed during 2010



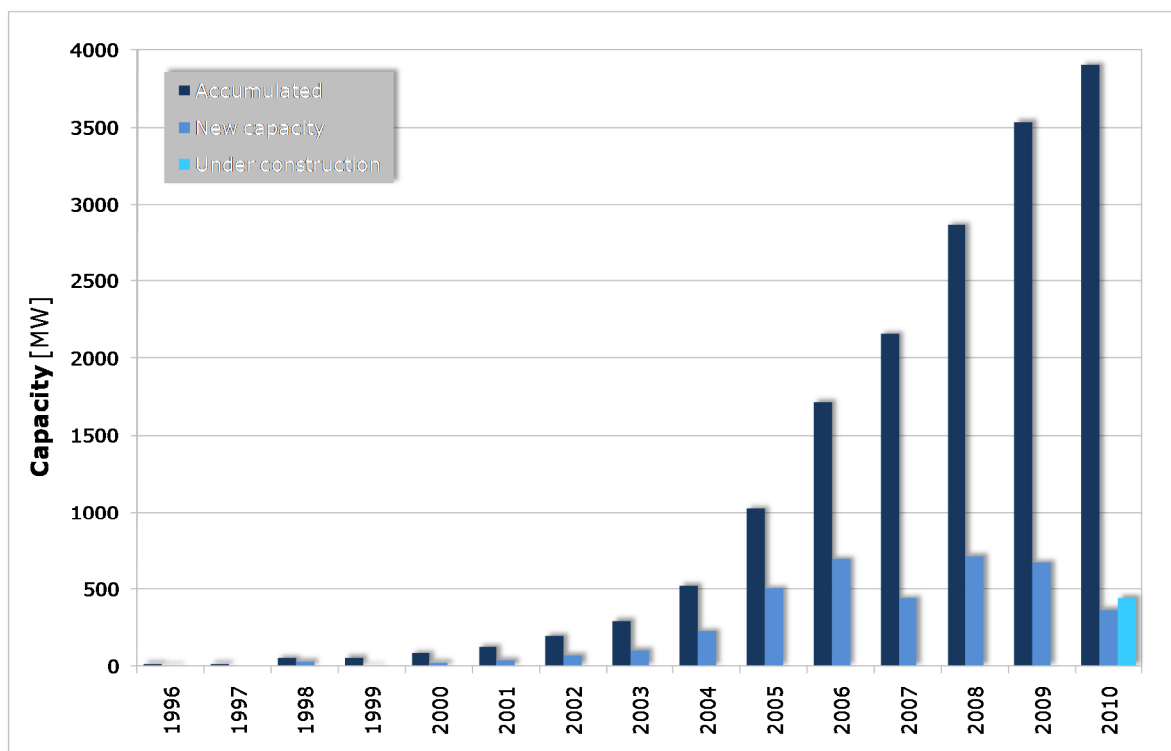
Europe - Wind energy density indexes - Dec10



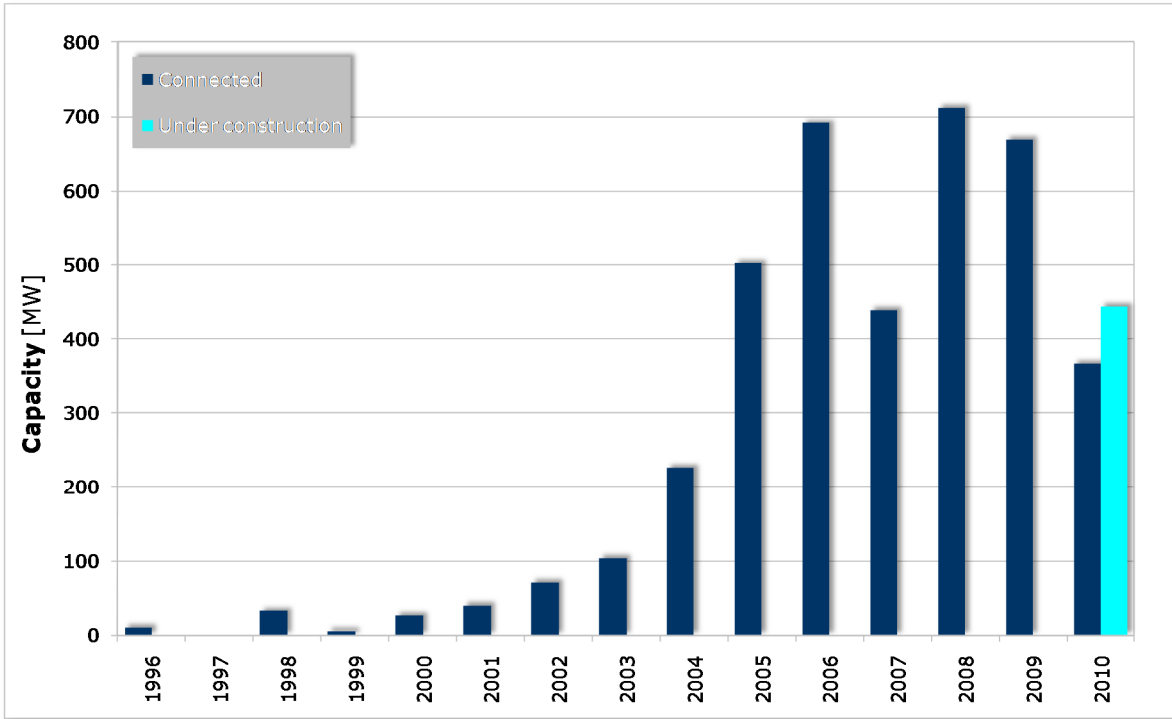
Capacity and number of WECs Dec10

WIND FARMS IN PORTUGAL	Connectd		Under construction		TOTAL	
	MW	WECs	MW	WECs	MW	WECs
MAINLAND	3852,5	2027	435,3	216	4287,8	2243
MADEIRA	37,4	58	0,0	0	37,4	58
AZORES	11,6	33	9,0	10	20,6	43
TOTAL	3901,4	2118	444,3	226	4345,7	2344

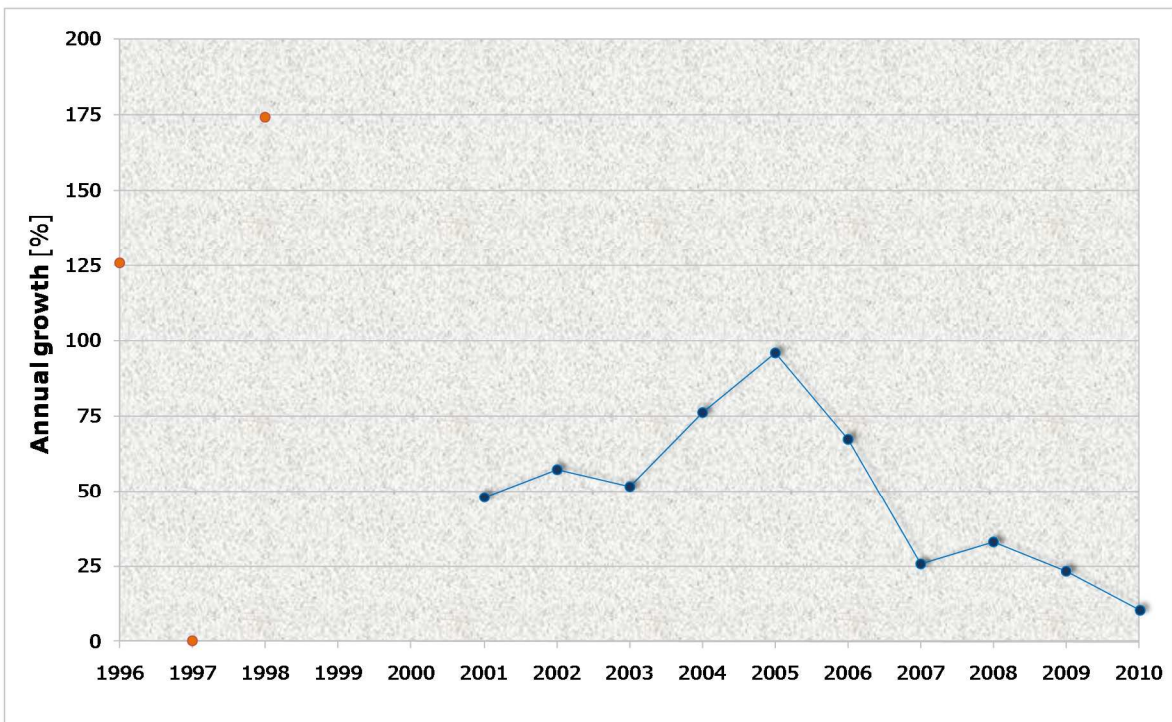
Cumulative capacity



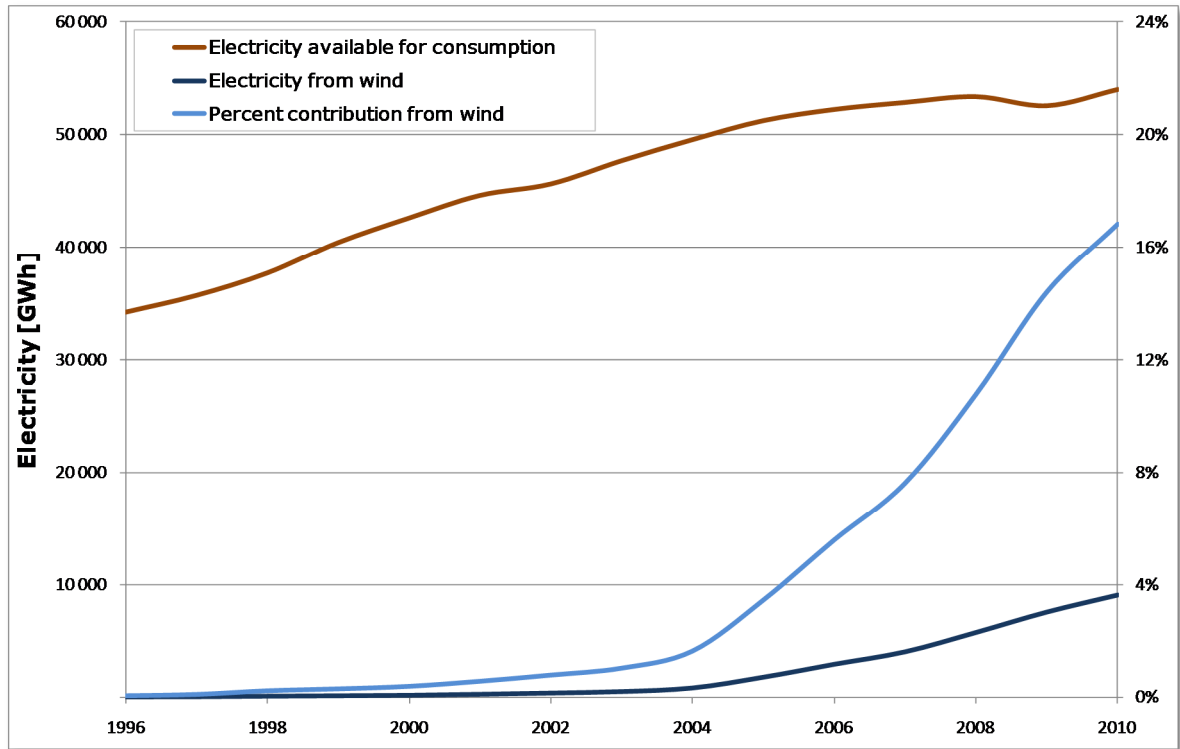
Generating capacity installed annually



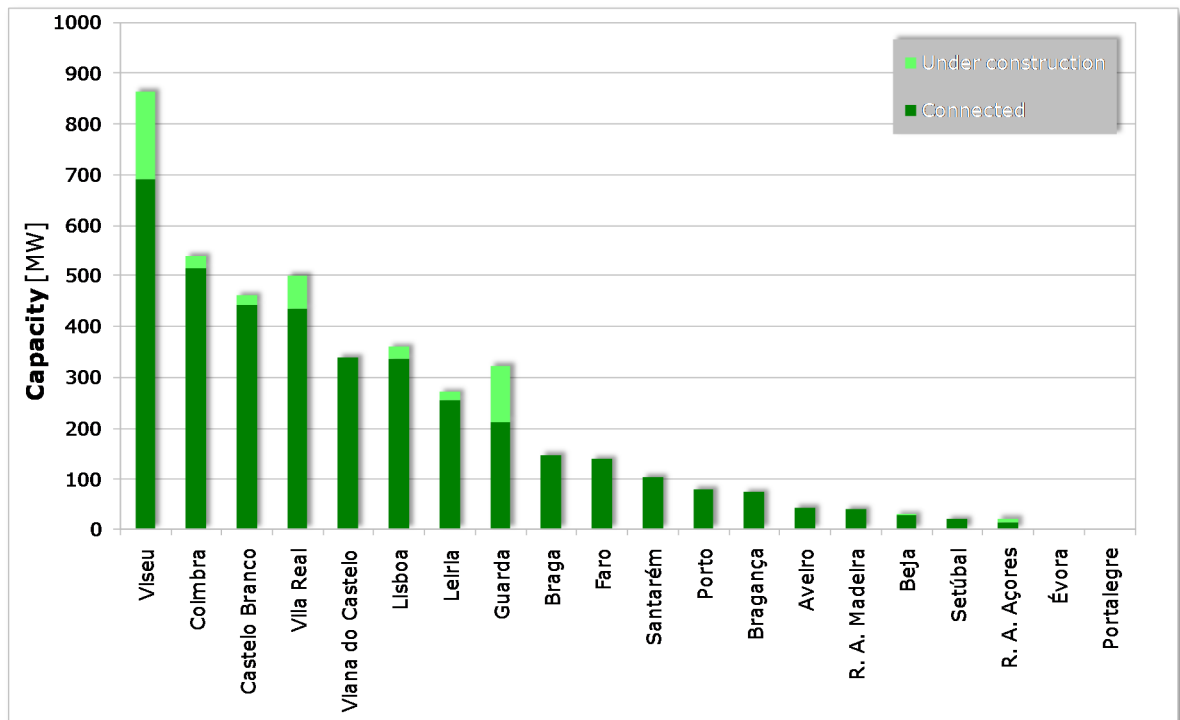
Annual growth of installed capacity



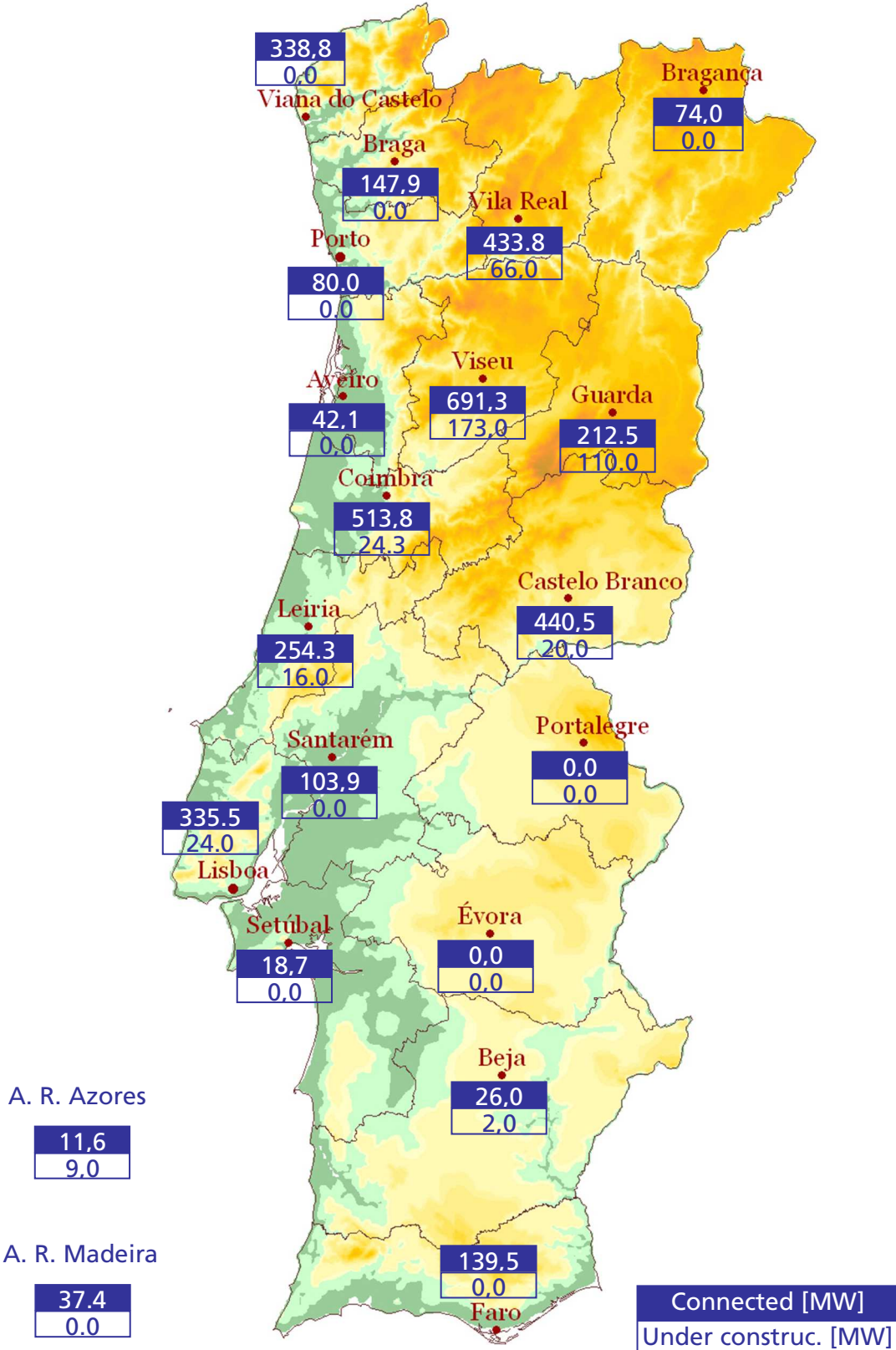
Wind based electricity contribution



Capacity per district and autonomous region Dec10



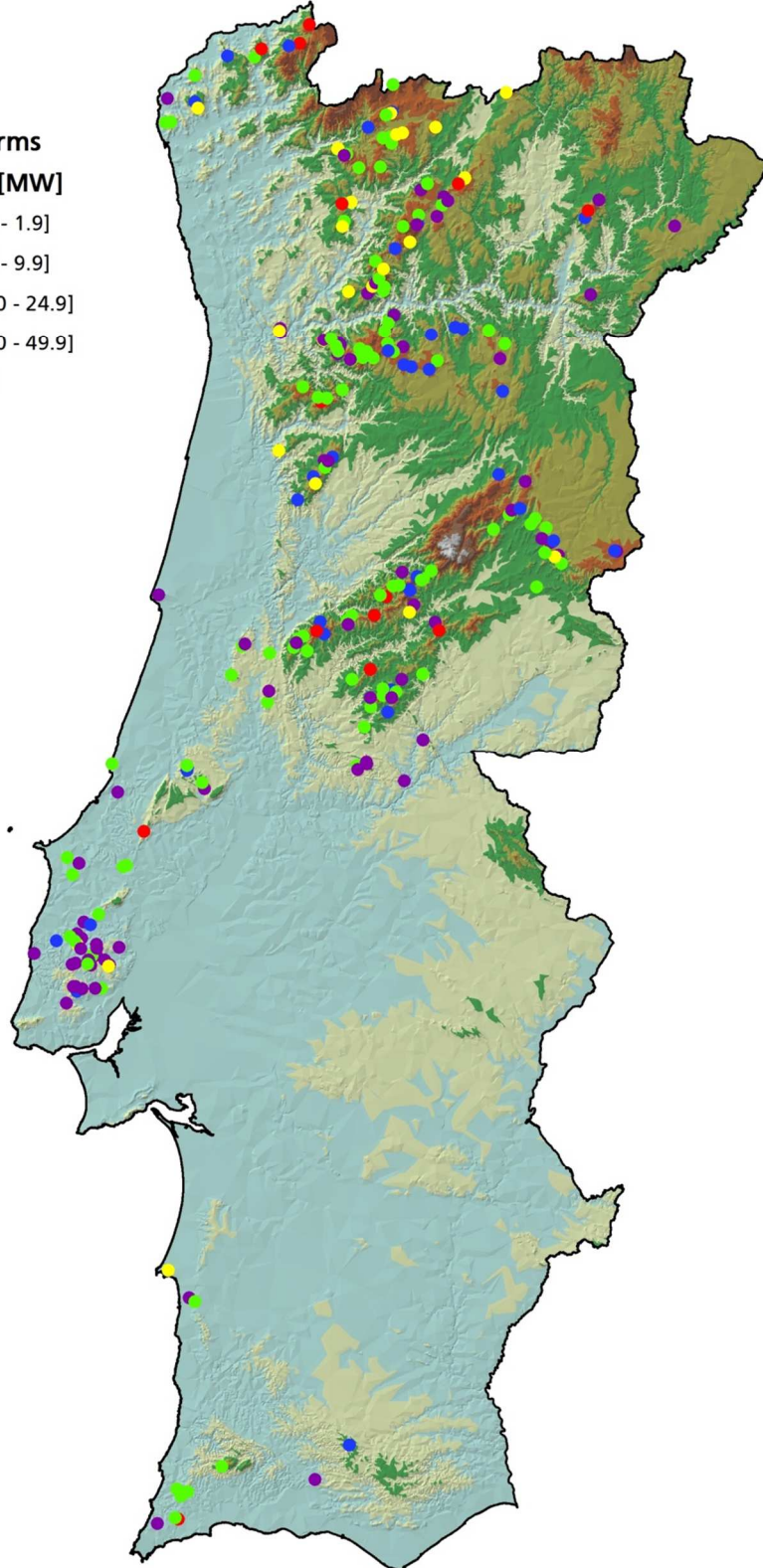
Capacity per district and autonomous region Dec10



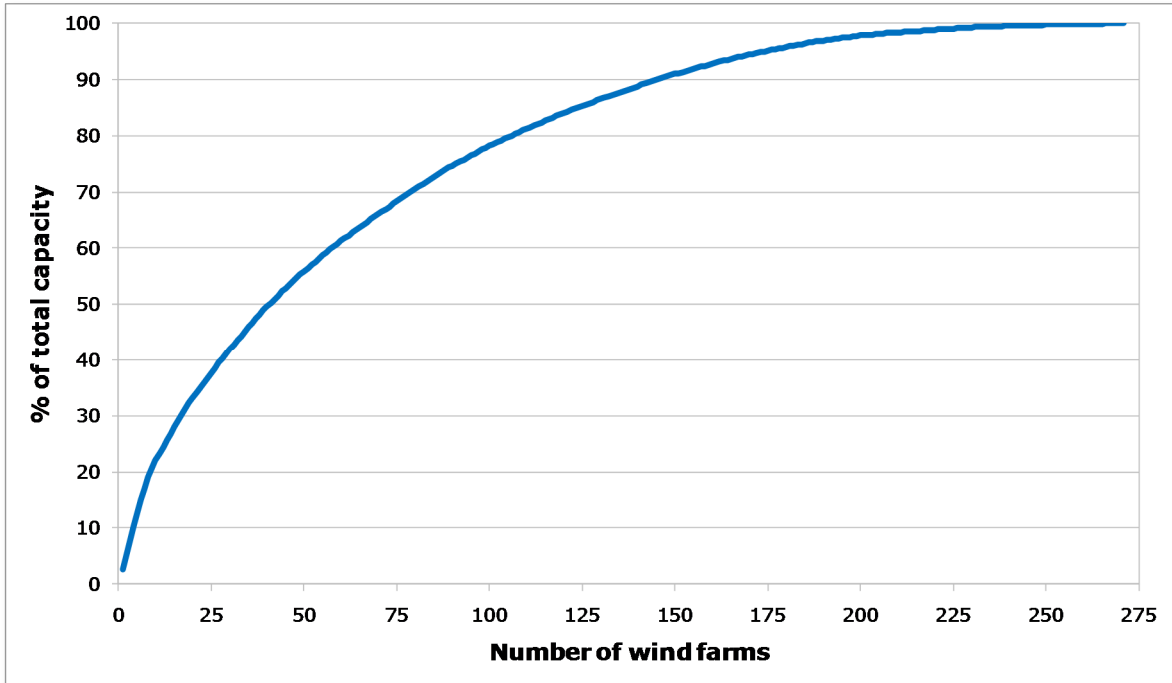
Wind farms Dec10

Wind Farms Capacity [MW]

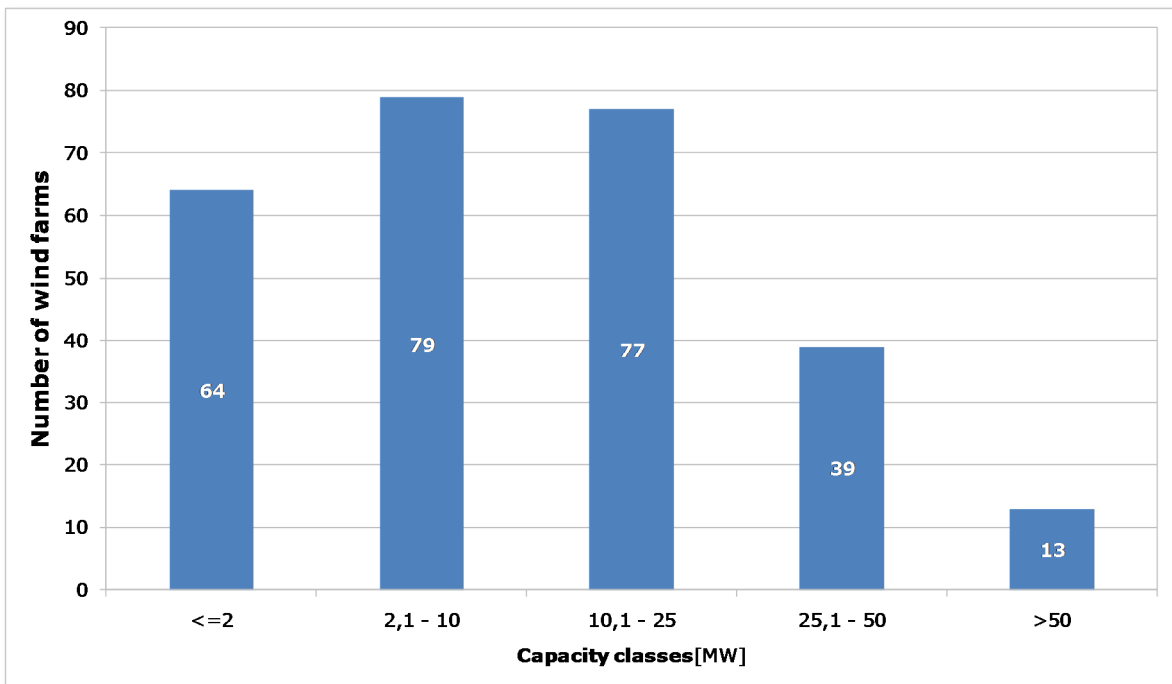
- [0.5 - 1.9]
- [2.0 - 9.9]
- [10.0 - 24.9]
- [25.0 - 49.9]
- >50



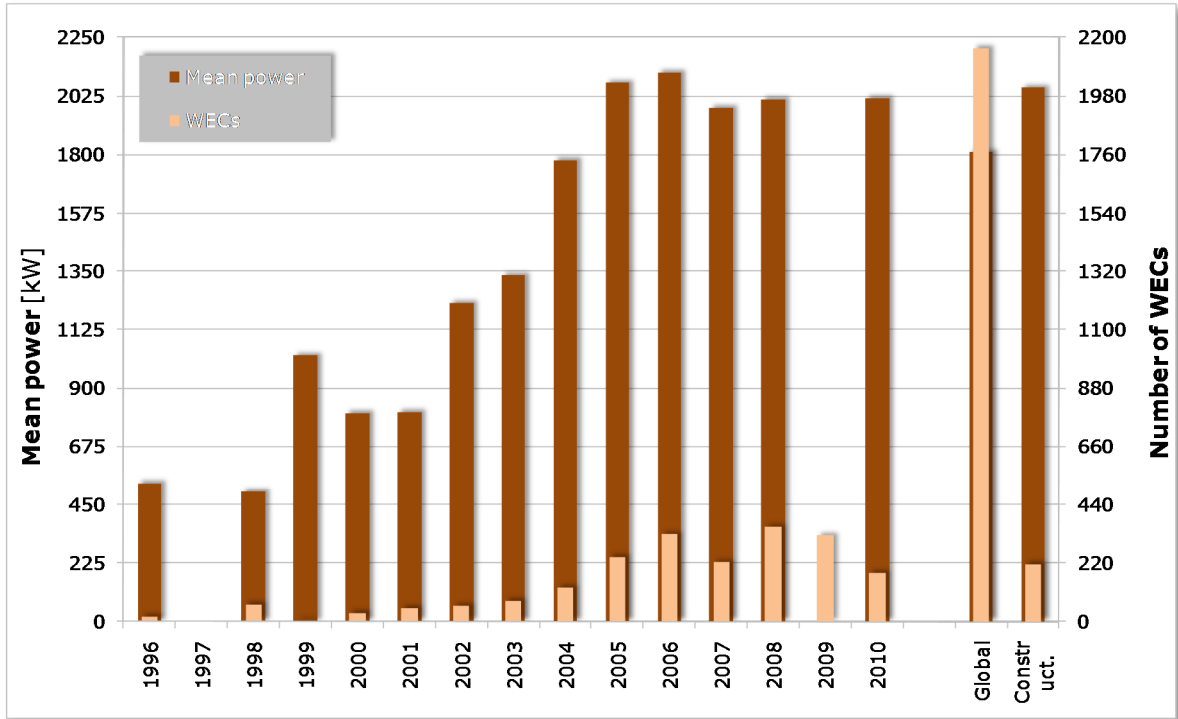
Number of wind farms and installed capacity Dec10



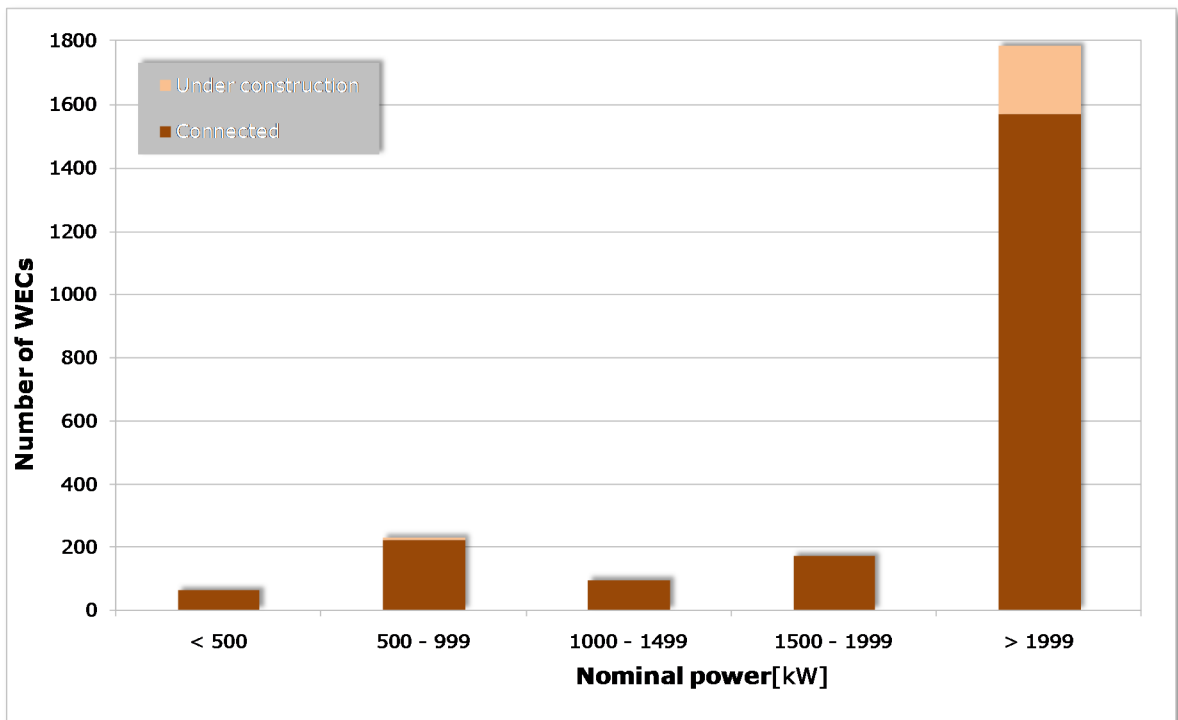
Size of wind farms Dec10



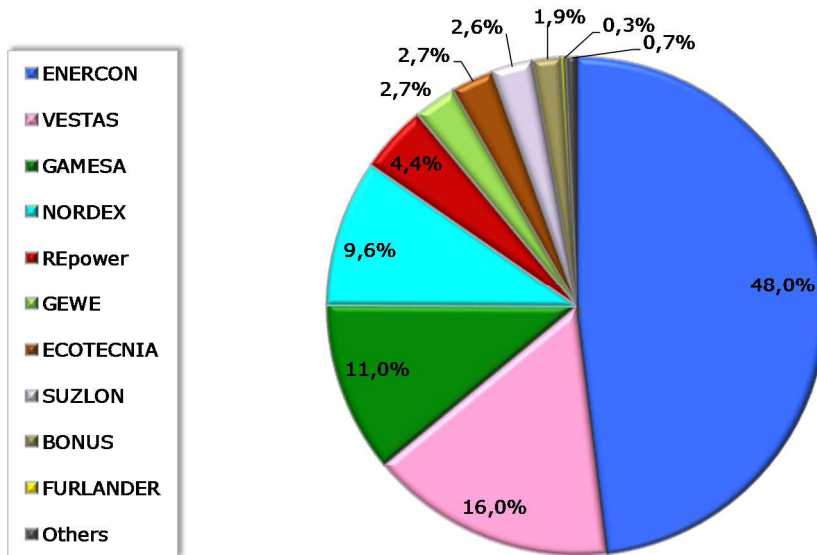
Number of WECs and mean rated power Dec10



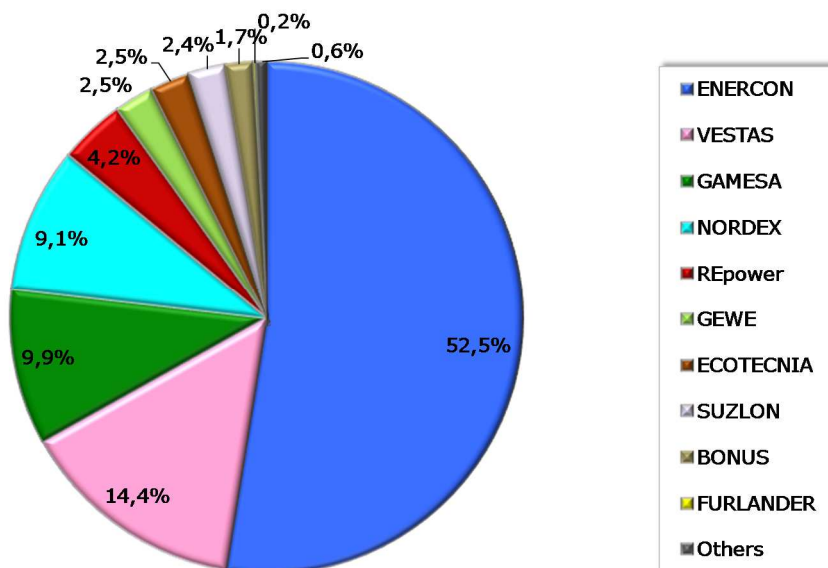
Number of WECs and power classes Dec10



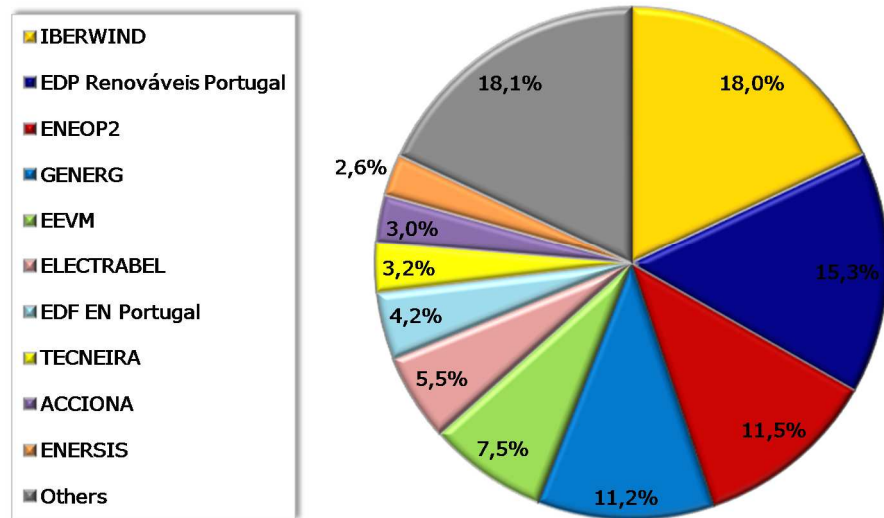
Manufacturers market share – Dec10 (WECs connected to grid)



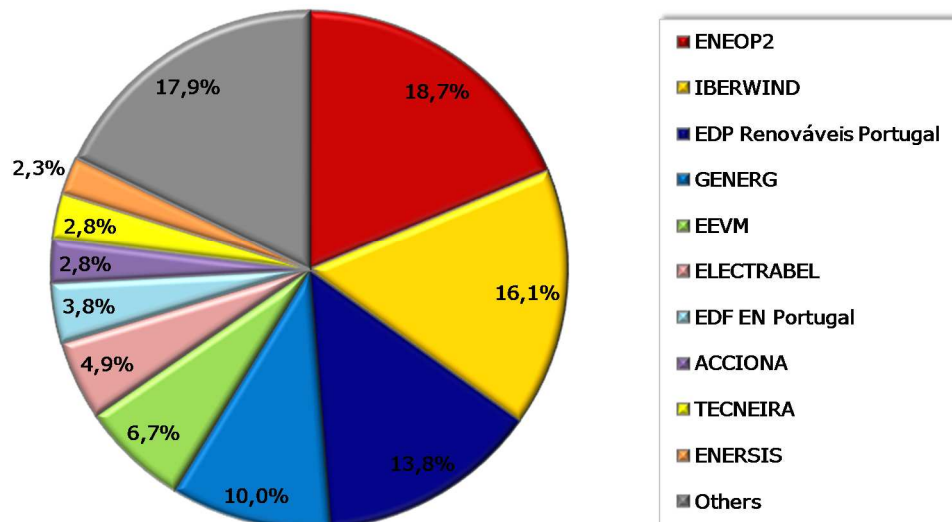
Manufacturers market share – Dec10 (WECs connected + construction + contracted)



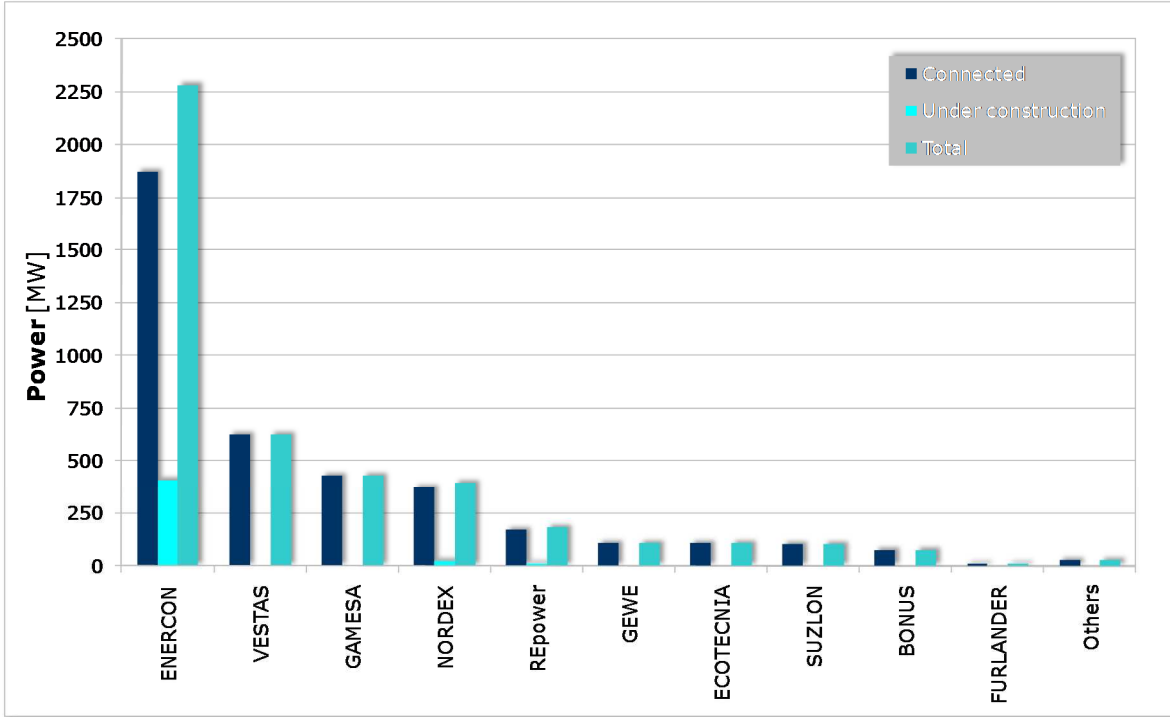
Promoters market share – Dec10
(WECs connected to grid)



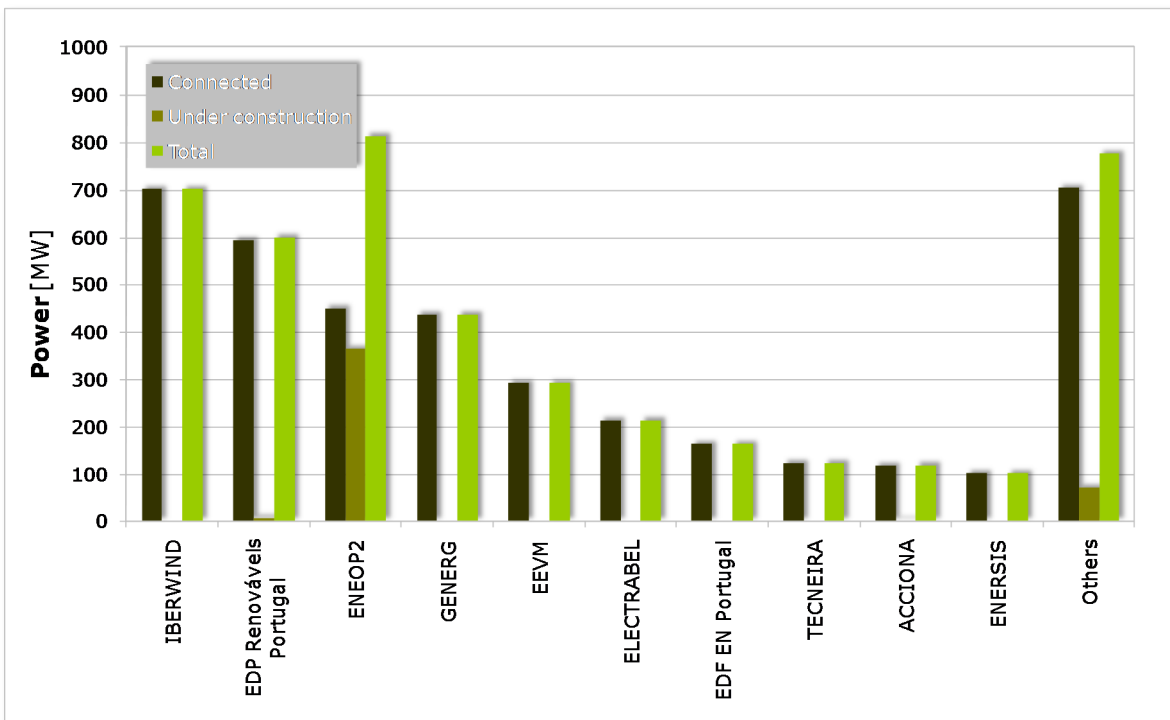
Promoters market share – Dec10
(WECs connected + construction + contracted)



Manufacturers Dec10



Promoters Dec10



Wind farms in Portugal – Dec10
Alphabetic order
(in italic wind farms not concluded)

MAINLAND

Name	District	Capacity [MW]	Number of WECs	Nominal power [kW]	Manufacturer	Model	Connected to grid
A MNHO I - Coris co	Viana do Castelo	66,0	5	2000	ENERCON	E-70 E4	2008/09
			28	2000		E-82	2007/09
A MNHO I - Mend./Bus tav.	Viana do Castelo	52,0	13	2000	ENERCON	E-82	2008
			13	2000		E-70 E4	2007/08
A MNHO I - Picos	Viana do Castelo	52,0	11	2000	ENERCON	E-70 E4	2008
			15	2000		E-82	
A MNHO I - Picoto/SS	Viana do Castelo	38,0	5	2000	ENERCON	E-82	2008
			14	2000		E-70 E4	
A MNHO I - Sto António	Viana do Castelo	32,0	16	2000	ENERCON	E-70 E4	2008
ABOGALHEIRA	Porto	3,3	2	1670	ECOTECNIA	ECO80	2006
ACHADA	Lis boa	6,9	3	2300	NORDEX	N90	2005
AÇOR	Coimbra	20,0	10	2000	ENERCON	E-70 E4	2004
AÇOR (extensão)	Coimbra	2,3	1	2300	ENERCON	E-82	2010/?
			1	2000		E-82	
AÇOR II	Coimbra	16,0	8	2000	ENERCON	E-70 E4	2010
AGUIEIRA	Vila Real	0,6	1	600	ENERCON	E40/6.44	2003
ALAGOADE CIMA	Viana do Castelo	13,5	9	1500	GEWE	GEWE-1.5s	2004/05
ALFARROBEIRA	Braga	0,6	1	600	ENERCON	E-48 600	2005
ALMARGEM	Lis boa	6,0	3	2000	ENERCON	E-82	2007
ALROTA	Lis boa	5,0	3	1670	ECOTECNIA	ECO74	2008/09
ALTO ARGANIL	Castelo Branco	36,0	5	2000	ENERCON	E-82	2009/10
	Coimbra		13			E-82	
ALTO DA COUTADA I	Vila Real	100,0	50	2000	ENERCON	E-82	2010/?
ALTO DAFOLGOROSA	Lis boa	18,0	9	2000	REpower	MMB2	2008/09
ALTO DO CÔTO	Aveiro	4,5	5	900	NEG-MCON	NM900-52	2003
ALTO DO MARCO	Vila Real	12,0	6	2000	ENERCON	E-82	2009/?
ALTO DO MONÇÃO	Vis eu	32,0	16	2000	GAMESA	G87	2006/07
ALTO DO SEIXAL	Vila Real	1,6	2	800	ENERCON	E-48	2006
ALTO DO TALEFE	Vis eu	13,5	9	1500	GEWE	GEWE-1.5s	2004/05
ALVAÍZE RE	Leiria	18,0	9	2000	ENERCON	E-82	2010/?
ALVÃO	Vila Real	22,8	6	1800	ENERCON	E66	2002
			6	2000		E66/20.7	2004
ALVOAÇA	Castelo Branco	20,0	10	2000	ENERCON	E-70 E4	2007
AMARAL 1	Lis boa	10,0	5	2000	GAMESA	G80	2004/05
AMÉNDOA	Santarém	14,9	9	1650	VESTAS	NMB2	2004
ARADA-Arada	Vis eu	50,0	25	2000	ENERCON	E-82	2008
ARCELA	Lis boa	11,5	5	2300	NORDEX	N90	2005
ARCHEIRA	Lis boa	0,6	1	600	ENERCON	E40/6.44	2000
ARCHEIRA2	Lis boa	2,0	1	2000	ENERCON	E66/20.7	2004
ARCHEIRA3	Lis boa	2,0	1	2000	ENERCON	E-70 E4	2005
ARCHEIRA4	Lis boa	0,6	1	600	ENERCON	E40/6.44	2005
ARCIPRESTE	Vis eu	0,6	1	600	ENERCON	E40/6.44	2003
ARGANIL/TOUTIÇO	Coimbra	102,0	34	3000	VESTAS	V90	2008/09
ARMAMAR	Vis eu	26,0	13	2000	ENERCON	E-82	2010
ARRUDA I	Lis boa	6,0	3	2000	GAMESA	G83	2006
AVELOSO	Vis eu	6,0	3	2000	ENERCON	E-82	2008
AZINHEIRA	Braga	14,0	7	2000	ENERCON	E-82	2007

BAIÃO	Porto	6,3	3	2100	SUZLON	S-88	2009
BARRO	Leiria	22,0	11	2000	ENERCON	E-82	2009
BALOCAS	Guarda	28,0	14	2000	ENERCON	E-82	2010/?
BARÃO DE S. JOÃO	Faro	50,0	25	2000	REpower	MMB2	2009
BARROSO	Vila Real	18,0	9	2000	VESTAS	V80	2003
BARROSO II	Vila Real	10,0	5	2000	ENERCON	E-82	2009
BARROSO III	Vila Real	16,0	8	2000	ENERCON	E-82	2009
BENESPERA	Guarda	34,0	17	2000	ENERCON	E-82	2010/?
BIGORNE	Viseu	7,0	4	1750	VESTAS	V66-1.75	2002
BOLORÉS	Lisboa	5,2	4	1300	BONUS	1.3	2003
BONECA	Porto	0,6	1	600	ENERCON	E40/6.44	2003
BONECA II	Porto	8,0	4	2000	ENERCON	E-70 E4	2005
BORDEIRA	Faro	24,0	12	2000	ENERCON	E-82	2008
BORNINHOS	Bragança	2,0	1	2000	ENERCON	E66/20.7	2004
BRAVO	Castelo Branco	16,0	8	2000	ENERCON	E-82	2009
BULGUEIRA	Vila Real	2,4	3	800	NORDEX	N50	2003
BUSTELO	Vila Real	18,0	9	2000	ENERCON	E-82	2009
CABEÇO ALTO	Vila Real	11,7	9	1300	NORDEX	N60	2000
CABEÇO DA VACA	Braga	1,2	2	600	ENERCON	E40/6.44	2002
CABEÇO DA VACA II	Braga	1,2	2	600	ENERCON	E40/6.44	2003
CABEÇO RAINHA	Castelo Branco	22,2	17	600	ENERCON	E40/6.44	2000
			3	2000		E66/20.7	2003
			3	2000		E-82	2009
CABEÇO RAINHA II	Castelo Branco	31,2	4	2300	ENERCON	E-70 E4	2008
			11	2000	ENERCON	E-82	2008/09
CABRIL	Viseu	20,2	9	1800	ENERCON	E66	2002
			2	2000		E-70 E4	2005
CADAFAZ	Coimbra	10,2	17	600	ENERCON	E40/6.44	2001
CADAFAZ II	Coimbra	18,0	9	2000	ENERCON	E-82	2010
CADRAÇO	Viseu	1,2	1	1200	ENERCON	E-58	2004
CALDAS I	Lisboa	10,0	5	2000	GAMESA	G83	2005
CANDAL/COELHOEIRA	Viseu	40,0	20	2000	ENERCON	E-70 E4	2006
CANDEIROS	Santarém/Leiria	111,0	37	3000	VESTAS	V90	2005/06
CARAMUJO	Viseu	90,0	3	2000	ENERCON	E-82	2007
			42	2000		E-70 E4	2006
CARREÇO E OUTEIRO	Viana do Castelo	20,7	9	2300	NORDEX	N90	2004/05
CARREÇO E OUTEIRO II	Viana do Castelo	12,0	6	2000	ENERCON	E-82	2010
CARVALHOSA	Viseu	34,0	17	2000	ENERCON	E-82	2008
CASADALGOA	Vila Real	0,6	1	600	ENERCON	E-48 600	2006
CASAIS	Viseu	2,0	1	2000	ENERCON	E-82	2007
CASTANHEIRA	Bragança	4,0	2	2000	REpower	MMB2	2004
CATEFICA	Lisboa	18,0	9	2000	GAMESA	G80	2004/05
CELA	Leiria	2,0	1	2000	REpower	MMB2	2006
CHÃO GUILHADO	Vila Real	2,0	1	2000	ENERCON	E-82	2009
CHAMNÉ	Setúbal	6,9	3	2300	NORDEX	N90	2004/05
CHÃO FALCÃO	Leiria	34,5	15	2300	NORDEX	N90	2005
CHÃO FALCÃO II	Leiria	25,3	11	2300	NORDEX	N90	2008/09
CHÃO FALCÃO III	Leiria	20,7	9	2300	NORDEX	N90	2009
CHAVÃES	Viseu	30,0	15	2000	ENERCON	E-82	2010/?
CHIQUEIRO	Castelo Branco	4,0	2	2000	VESTAS	V80	2007
CHORIDA 1	Porto	0,6	1	600	ENERCON	E-48 600	2006
CHORIDA 2	Porto	0,8	1	800	ENERCON	E-48	2006
CINFÃES	Viseu	8,0	4	2000	ENERCON	E-82	2009
CONTIM	Vila Real	10,0	5	2000	ENERCON	E-82	2010
COSTAVICENTINA	Setúbal	10,0	5	2000	REpower	MMB2	2005
CÔTO DA ALDEIA	Vila Real	0,6	1	600	ENERCON	E40/6.44	2003
CRAVELAS	Vila Real	1,2	1	600	ENERCON	E40/6.44	1999
			1	600		E-48 600	2006

DEGRACIAS	Coimbra	20,0	10	2000	VESTAS	V80	2005
DIRÃO DE RUA	Guarda	2,6	1	2000	ENERCON	E66/20.7	2004
			1	600		E40/6.44	
DONINHAS	Aveiro	0,8	1	800	ENERCON	E-48	2005
ENERWATT	Lisboa	0,6	1	600	ENERCON	E40/6.44	2002
ESPIGA	Viana do Castelo	6,0	3	2000	ENERCON	E-70 E4	2005
ESPINHAÇO DE CÃO	Faro	10,0	5	2000	RE power	MMB2	2008/09
FACHO COLMEIA	Vila Real	36,0	18	2000	ENERCON	E-82	2010
FANHÕES I	Lisboa	12,0	6	2000	GAMESA	G80	2005
FANHÕES II	Lisboa	6,0	3	2000	GAMESA	G80	2005/07
FELGAR	Bragança	8,0	4	2000	VESTAS	V80	2007
FONTE DAMESA	Viséu	10,2	17	600	VESTAS	V42	1996
FONTE DAMESA II	Viséu	10,0	5	2000	ENERCON	E-82	2010
FONTE DAQUELHA	Viséu	13,5	9	1500	GEWE	GEWE-1.5s	2004/05
FREITA I	Aveiro	18,4	8	2300	NORDEX	N90	2006
FREITA II	Aveiro	18,4	8	2300	NORDEX	N90	2006
GARDUNHA	Castelo Branco	114,0	2	2000	ENERCON	E-70 E4	2008
			55	2000		E-82	2007/08
GUARDA	Guarda	8,0	4	2000	ENERCON	E-82	2007/08
GUERREIROS	Faro	18,0	9	2000	ENERCON	E-82	2008/10
IGREJANOVA	Lisboa	7,2	2	1650	VESTAS	V66-1.65	1999
			3	1300	NORDEX	N60	2002
JARMELEIRA	Lisboa	0,9	1	850	VESTAS	V52-850	2002
JOGUINHO II	Lisboa	26,0	13	2000	RE power	MMB2	2006
LAGOAD. JOÃO E FEIRÃO	Viséu	34,0	17	2000	ENERCON	E-82	2008
LAGOAFUNDA	Faro	9,0	18	500	MTSUBISHI	MHI-500	1998
LAMEIRA	Viséu	10,4	8	1300	BONUS	1.3	2005
LEIRANCO	Vila Real	0,6	1	600	ENERCON	E-48 600	2006
LEOML	Viséu	16,1	7	2300	NORDEX	N90	2007
LOMBADA SEIXA I	Vila Real	13,0	10	1300	NORDEX	N60	2001
LOMBADAS EIXA II	Vila Real	12,0	8	1500	GEWE	GEWE-1.5s	2004
LOMBADO VALE	Vila Real	21,1	7	2300	NORDEX	N90	2010
			2	2500			
LOURINHÃ	Lisboa	18,0	9	2000	ENERCON	E-82	2010/?
LOUSÃ	Coimbra	35,0	14	2500	GEWE	2.5	2006
LOUSÃ II	Coimbra	50,0	20	2500	NORDEX	N90	2008/09
MAÇÃO	Santarém	2,3	3	750	NEG-MCON	NM750-48	1999
MAÇÃO II	Santarém	2,3	3	750	NEG-MCON	NM750-48	2000
MAÇÃO III	Santarém	4,5	5	900	NEG-MCON	NM900-52	2002
MADRINHA	Faro	10,0	5	2000	ENERCON	E-70 E4	2006
MAFÔMEDES	Porto	4,2	2	2100	SUZLON	S-88	2008
MAIROS I	Vila Real	2,6	1	2000	ENERCON	E-70 E4	2006
			1	600		E-48 600	
MAIROS II	Vila Real	0,6	1	600	ENERCON	E-48 600	2006
MALHADAS	Coimbra	9,9	15	660	VESTAS	V47	2001
MALHADIZES	Coimbra	12,0	6	2000	ENERCON	E66/20.7	2005
MARAVILHA I	Lisboa	6,0	3	2000	ENERCON	E-82	2009
MARAVILHA II	Lisboa	4,0	2	2000	ENERCON	E-82	2009
MARVILA	Lisboa	12,0	6	2000	RE power	MMB2	2008
MEADAS	Viséu	9,0	3	3000	VESTAS	V90	2005
MEROICINHA	Vila Real	9,0	3	2000	VESTAS	V80	2003
			1	3000		V90	
MLAGRES	Lisboa	6,0	3	2000	ENERCON	E-82	2009
MOINHO DE MANIQUE	Lisboa	2,6	1	2000	ENERCON	E66/20.7	2004
			1	600		E40/6.44	

MOINHO VELHO	Lis boa	2,0	1	2000	ENERCON	E 66/20.7	2004
MOINHOS DO OESTE	Lis boa	4,0	2	2000	ENERCON	E 66/20.7	2003
MONTALEGRE	Vila Real	50,0	25	2000	ENERCON	E-82	2010
MONTE VENDAVAS	Lis boa	0,6	1	600	ENERCON	E 40/6.44	2000
MONTIJO	Lis boa	2,0	1	2000	ENERCON	E-70 E4	2005
MORRO DE BOI	Vila Real	0,6	1	600	ENERCON	E 40/6.44	2003
MOS QUEIROS	Guarda	8,0	4	2000	ENERCON	E-82	2008
MOS QUEIROS II	Guarda	20,0	10	2000	ENERCON	E-82	2009
MOSTEIRO	Guarda	9,1	7	1300	BONUS	1.3	2004
MOUGUEIRAS	Cas telo Branco	8,0	4	2000	ENERCON	E-82	2009
MDURIS CA	Viseu	38,0	19	2000	GAMESA	G87	2007
NAVE	Viseu	38,0	19	2000	GAMESA	G90	2007
NEGRELO-GUILHADO	Vila Real	20,0	10	2000	ENERCON	E-82	2009
ORTIGA	Leiria	13,4	8	1670	ECOTECNIA	ECO74	2006/07
OUTEIRO	Vila Real	30,0	15	2000	ENERCON	E-70 E4	2005
PADRELA	Vila Real	7,5	5	1500	GEWE	GEWE-1.5s	2004
PAMPILHOSA	Coimbra	114,0	38	3000	VESTAS	V90	2005/06
PASSARINHO	Lis boa	8,0	4	2000	ENERCON	E-70 E4	2005
PASSARINHO II	Lis boa	4,0	2	2000	ENERCON	E-82	2009
PEDRAS LAVRADAS	Cas telo Branco	16,1	7	2300	ENERCON	E-70 E4	2007
PEDRAS LAVRADAS II	Cas telo Branco	20,0	10	2000	ENERCON	E-82	2010/?
PENASUAR	Porto	16,0	20	500	ENERCON	E 40	1998
			3	2000		E-70 E4	2005
PENAMACOR 1	Cas telo Branco	20,0	10	2000	GAMESA	G83	2006
PENAMACOR 2	Guarda	14,7	7	2100	SUZLON	S-88	2007
PENAMACOR 3A	Cas telo Branco	20,0	10	2000	GAMESA	G83	2006
PENAMACOR 3B	Guarda	39,9	19	2100	SUZLON	S-88	2007/08
PENEDORUIVO	Porto	13,0	10	1300	BONUS	1.3	2005/06
PENOUTA	Braga	0,8	1	800	ENERCON	E-48	2006
PERDIGÃO	Cas telo Branco	2,0	1	2000	ENERCON	E-82	2007
PICÃO	Viseu	22,0	11	2000	ENERCON	E-82	2008
PICO ALTO	Faro	6,0	3	2000	ENERCON	E-82	2007
PICOS VERDES I	Faro	2,0	4	500	ENERCON	E 40	1998
PICOS VERDES II	Faro	10,5	7	1500	FURLANDER	MD70	2003
PINHAL INTERIOR I	Cas telo Branco	54,0	18	3000	VESTAS	V90	2006
PINHAL INTERIOR II	Cas telo Branco	90,0	13	2000		E-82	2007
			32	2000	ENERCON	E-70 E4	2005/06
PINHEIRO	Viseu	21,6	12	1800	ENERCON	E 66	2002
PLAINADO VIS O	Braga	1,2	2	600	ENERCON	E-48 600	2006
PÓ	Lis boa	9,1	7	1300	BONUS	1.3	2006
PORTAL DAFREITA	Vila Real	0,5	1	500	ENERCON	E 40	1998
PORTAL DAFREITA II	Vila Real	0,6	1	600	ENERCON	E-48 600	2005
POUSAFÓLES	Guarda	20,0	10	2000	ENERCON	E-82	2010/?
PRACANA	Santarém	2,0	1	2000	ENERCON	E-70 E4	2006
RABAÇAL	Coimbra	2,0	1	2000	VESTAS	V80	2005
RANHADOS	Viseu	10,0	5	2000	ENERCON	E-82	2010
RIBABELIDE	Viseu	14,0	7	2000	ENERCON	E-82	2008
RIBAMAR	Lis boa	6,0	3	2000	REpower	MMB2	2004
RUIVÃES	Braga	0,9	1	850	VESTAS	V52	2008

S. CORNÉLIO	Guarda	32,0	16	2000	ENERCON	E-82	2010/?
S. CRISTÓVÃO	Vis eu	5,3	2	1650	VESTAS	V66-1.65	2001
			1	2000		V80	2007
S. JOÃO 1	Coimbra	8,4	5	1670	ECOTECNIA	ECO74	2007
S. JOÃO 2	Coimbra	13,4	8	1670	ECOTECNIA	ECO74	2007
S. MACÁRIO I	Vis eu	11,5	5	2300	NORDEX	N90	2007
S. MACÁRIO II	Vis eu	23,0	10	2300	NORDEX	N90	2010/?
S. MAVEDE	Lis boa	6,9	3	2300	NORDEX	N90	2006
S. PAIO	Viana do Castelo	10,0	5	2000	ENERCON	E-70 E4	2005
S. PEDRO	Vis eu	10,0	5	2000	ENERCON	E-70 E4	2005
S.ª DAS NECESSIDADES	Coimbra	8,0	4	2000	ENERCON	E-82	2010/?
SABUGAL	Guarda	25,2	12	2100	SUZLON	S-88	2009
			2	2000	VESTAS	V90	2010
SAFRA/ COENTRAL	Leiria	41,8	25	1670	ECOTECNIA	ECO74	2006/07
SALGUEIROS-GUILHADO	Vila Real	8,0	4	2000	ENERCON	E-82	2009
SANTAELENA	Vis eu	4,0	2	2000	R Epower	MVB2	2005
SÃO JOÃO	Lis boa	0,6	1	600	ENERCON	E40/6.44	2000
SARDINHA	Lis boa	26,0	13	2000	GAMESA	G90	2008
SEBOLIDO	Porto	0,8	1	800	ENERCON	E-48	2006
SEIXINHOS	Porto	10,4	8	1300	BONUS	1.3	2006
SENDIM	Vis eu	40,0	20	2000	ENERCON	E-82	2010/?
SERAVENA	Lis boa	2,0	1	2000	ENERCON	E-82	2009/?
SERRA ALTA	Guarda	2,0	1	2000	R Epower	MVB2 Evo	2009
SERRADABOAVIAGEM	Coimbra	6,0	3	2000	VESTAS	V90	2010
SERRADACABREIRA	Braga	20,0	10	2000	ENERCON	E-70 E4	2004
SERRADACAPUCHA	Lis boa	10,0	5	2000	ENERCON	E-70 E4	2005
SERRADAESCUSA	Lis boa	2,0	2	1000	WinWinD	WWD 1	2005
SERRADANA VE	Vis eu	38,0	19	2000	ENERCON	E-82	2010/?
SERRAD'ARGA	Viana do Castelo	36,0	12	3000	VESTAS	V90	2006
SERRAD'ARGAI	Viana do Castelo	0,6	1	600	ENERCON	E40/6.44	2003
SERRADE BORNES	Bragança	60,0	24	2500	NORDEX	N90	2009
SERRADE SAMPAIO	Vis eu	18,0	9	2000	ENERCON	E-82	2010/?
SERRADE TODO O MUNDO	Lis boa	10,0	5	2000	VESTAS	V80	2004
SERRADEL REI	Leiria	21,7	13	1670	ECOTECNIA	ECO80	2006
SERRADO ALVÃO	Vila Real	42,0	21	2000	GAMESA	G87	2008/09
SERRADO MÚ	Beja	26,0	13	2000	ENERCON	E-82	2008/09
SERRADO MÚ (extensão)	Beja	2,0	1	2000	ENERCON	E-82	2010/?
SICÓ	Leiria	20,0	10	2000	ENERCON	E-82	2008/09
SINES	Setúbal	1,8	12	150	WINWORLD	W-2800/150	1992
SIRIGO	Vis eu	4,0	2	2000	ENERCON	E-70 E4	2005
SOBRADO	Vis eu	8,0	4	2000	R Epower	MVB2 Evo	2009
SOBRAL II	Lis boa	14,0	7	2000	GAMESA	G83	2006/07
			2	2000		ENERCON	E66/20.7
Sr.ª CASTELO	Vis eu	5,2	2	600		E40/6.44	2003
Sr.ª da VITÓRIA	Leiria	12,0	8	1500	GEWE	GEWE-1.5s I	2004
Sr.ª SOCORRO I	Lis boa	8,0	3	2000	ENERCON	E-70 E4	2006
			1	2000		E-82	2008
TEIXEIRÓ	Porto	14,0	4	2000	R Epower	MVB2	2004/05
			3	2000		MV70	
TENDAIS	Vis eu	12,0	6	2000	ENERCON	E-82	2007/10
TERRAS ALTAS FAFE	Braga	106,0	53	2000	GAMESA	G87	2004/05
TERREIRO DAS BRUXAS	Guarda	1,0	1	1000	WinWinD	WWD 1	2006
TESTOS	Vis eu	24,0	12	2000	ENERCON	E-82	2008
TESTOS II	Vis eu	44,0	22	2000	ENERCON	E-82	2010/?
TORRÃO	Porto	2,0	1	2000	R Epower	MVB2	2007
TRANCOS O	Guarda	28,0	14	2000	ENERCON	E-82	2008
TRANDEIRAS	Vila Real	18,2	14	1300	BONUS	BONUS 1300	2003
TR OVIS CAL	Guarda	14,0	7	2000	ENERCON	E-82	2010/?

VALE DE GALEGOS	Lis boa	26,0	13	2000	ENERCON	E-82	2009/?
VALE GRANDE	Coimbra	12,0	6	2000	REpower	MMØ2	2010/?
VALÉRIOS	Lis boa	2,0	1	2000	REpower	MMØ2	2006
VENTOESTE	Lis boa	0,6	1	600	ENERCON	E 40/6.44	2000
VERGÃO	Cas telo Branco	13,0	10	1300	NORDEX	N62	2003
VIDEIRA	Leiria	6,0	3	2000	ENERCON	E-70 E4	2005/06
VIDE MONTE	Guarda	32	16	2000	GAMESA	G87	2006
VIDUAL / CARVALHAL	Coimbra	1,0	1	1000	WinWinD	VWD 1	2006
VILAFRANCA DE XIRA	Lis boa	12,6	6	2100	SUZLON	S-88	2009
VILALOBOS	Viseu	10,0	20	500	ENERCON	E40	1998
VILANOVA	Coimbra	26,0	13	2000	VESTAS	V80	2004/05
VILANOVA II	Coimbra	24,0	12	2000	ENERCON	E-82	2009
VILAR CHÃO	Braga	2,0	1	2000	ENERCON	E-70 E4	2005

MADEIRA

Name	Is land	Capacity [MW]	Number of WECs	Nominal power [kW]	Manufacturer	Model	Connection to grid
CABEÇO DO CARVALHO	Porto Santo	1,1	1	660	VESTAS	V47	2001
			2	225		V29	1996
CANIÇAL	Madeira	0,90	6	150	NORDTANK	NTK150	1993
FONTE DO JUNCAL	Madeira	6,0	4	1500	EOZEN-Vensys	1,5 MW (70)	2009
LOIRAL	Madeira	5,1	6	850	VESTAS	V52	2009
PAUL DASERRA	Madeira	6,0	4	1500	EOZEN-Vensys	1,5 MW (70)	2009
PAUL DASERRA (ENEREEM)	Madeira	3,30	5	660	VESTAS	V47	2003
PEDRAS	Madeira	10,2	12	850	VESTAS	V52	2009
PERFORM1	Madeira	0,39	3	130	NORDTANK	NTK130	1992
PERFORM2/N	Madeira	0,45	3	150	NORDTANK	NTK150	1993
PERFORM2/S	Madeira	1,35	9	150	NORDTANK	NTK150	1993
QUINTADO LORDE	Madeira	2,6	3	850	VESTAS	V52	2009

AZORES

Name	Is land	Capacity [MW]	Number of WECs	Nominal power [kW]	Manufacturer	Model	Connection to grid
BOCADAVEREDA	Flores	0,60	2	300	ENERCON	E30	2002
FIGUEIRAL	Santa Maria	0,90	3	300	ENERCON	E30	2002
GRAMNHAIS	S. Miguel	9,00	10	900	ENERCON	E-44	2010/?
SERRABRANCA	Graciosa	0,80	2	100	NORDTANK	NTK150	1992
			2	300	ENERCON	E30	2002
LOMBADOS FRADES	Faial	1,80	6	300	ENERCON	E30	2002
PICO	Pico	1,80	6	300	ENERCON	E30	2005
PICO DA URZE	São Jorge	1,15	2	300	ENERCON	E30	2002
			1	150	NORDTANK	NTK150	1994
			4	100	NORDTANK	NTK150	1991
SERRADO CUME	Terceira	4,5	5	900	ENERCON	E-44	2008

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Chronologically ordered

MAINLAND

Name	District	Capacity [MW]	Number of WECs	Nominal power [kW]	Manufacturer	Model	Connection to grid
SERRADABOAVIAGEM	Coimbra	6,0	3	2000	VESTAS	V90	2010
SABUGAL (ext)	Guarda	4,0	2	2000	VESTAS	V90	2010
ALVAÁZERE	Leiria	2,0	1	2000	ENERCON	E-82	2010
SERRADESAMPAIO	Viseu	10,0	5	2000	ENERCON	E-82	2010
BALOCAS	Guarda	18,0	9	2000	ENERCON	E-82	2010
SERRADANAVE	Viseu	10,0	5	2000	ENERCON	E-82	2010
AÇOR II	Coimbra	16,0	8	2000	ENERCON	E-70 E4	2010
RANHADOS	Viseu	10,0	5	2000	ENERCON	E-82	2010
ALTO DACOUTADAI	Vila Real	46,0	23	2000	ENERCON	E-82	2010
CARREÇO E OUTEIRO II	Viana do Castelo	12,0	6	2000	ENERCON	E-82	2010
CONTIM	Vila Real	10,0	5	2000	ENERCON	E-82	2010
FONTE DAMES A II	Viseu	10,0	5	2000	ENERCON	E-82	2010
ARMAMAR	Viseu	26,0	13	2000	ENERCON	E-82	2010
CADAFAZ II	Coimbra	18,0	9	2000	ENERCON	E-82	2010
FACHO COLMEIA	Vila Real	36,0	18	2000	ENERCON	E-82	2010
MONTALEGRE	Vila Real	50,0	25	2000	ENERCON	E-82	2010
VALE DE GALEGOS	Lisboa	22,0	11	2000	ENERCON	E-82	2010
LOMBADO VALE	Vila Real	16,1	7	2300	NORDEX	N90	2010
LOMBADO VALE	Vila Real	5,0	2	2500	NORDEX	N90	2010
ALTO ARGANIL	Castelo Branco	10,0	5	2000	ENERCON	E-82	2010
	Coimbra	24,0	12				
GUERREIROS (ext)	Faro	4,0	2	2000	ENERCON	E-82	2010
TENDAIS (ext)	Viseu	2,0	1	2000	ENERCON	E-82	2010

Name	District	Capacity [MW]	Number of WECs	Nominal power [kW]	Manufacturer	Model	Connection to grid
ALTO ARGANIL	Coimbra	2,0	1	2000	ENERCON	E-82	2009
CINFÃES	Viseu	8,0	4	2000	ENERCON	E-82	2009
GUERREIROS (ext)	Faro	2,0	1	2000	ENERCON	E-82	2009
BUSTELO	Vila Real	18,0	9	2000	ENERCON	E-82	2009
BAIRO	Leiria	22,0	11	2000	ENERCON	E-82	2009
VILANOVA II	Coimbra	24,0	12	2000	ENERCON	E-82	2009
BARROSO III	Vila Real	16,0	8	2000	ENERCON	E-82	2009
MARAVILHA II	Lisboa	4,0	2	2000	ENERCON	E-82	2009
MARAVILHA I	Lisboa	6,0	3	2000	ENERCON	E-82	2009
CHÃO GUILHADO	Vila Real	2,0	1	2000	ENERCON	E-82	2009
BAÃO	Porto	6,3	3	2100	SUZLON	S-88	2009
VILAFRANCA DE XIRA	Lisboa	12,6	6	2100	SUZLON	S-88	2009
SERRA ALTA	Guarda	2,0	1	2000	REpower	MMB2 Evo	2009
BARÃO DE S. JOÃO	Faro	50,0	25	2000	REpower	MMB2	2009
SOBRADO	Viseu	8,0	4	2000	REpower	MMB2 Evo	2009
ALTO DA FOLGOSA	Lisboa	2,0	1	2000	REpower	MMB2	2009
ESPINHAÇO DE CÃO	Faro	8,0	4	2000	REpower	MMB2	2009
ARGANIL/TOUTIÇO	Coimbra	81,0	27	3000	VESTAS	V90	2009
CHÃO FALCÃO III	Leiria	20,7	9	2300	NORDEX	N90	2009
CHÃO FALCÃO II	Leiria	20,7	9	2300	NORDEX	N90	2009
LOUSÃ II	Coimbra	40,0	16	2500	NORDEX	N90	2009
SERRA DE BORNES	Bragança	60,0	24	2500	NORDEX	N90	2009
SERRADO ALVÃO	Vila Real	40,0	20	2000	GAMESA	G87	2009
MOSQUEIROS II	Guarda	20,0	10	2000	ENERCON	E-82	2009
MOUGUEIRAS	Castelo Branco	8,0	4	2000	ENERCON	E-82	2009
BRAVO	Castelo Branco	16,0	8	2000	ENERCON	E-82	2009
PASSARINHO II	Lisboa	4,0	2	2000	ENERCON	E-82	2009
MLAGRES	Lisboa	6,0	3	2000	ENERCON	E-82	2009
SALGUEIROS-GUILHADO	Vila Real	8,0	4	2000	ENERCON	E-82	2009
BARROSO II	Vila Real	10,0	5	2000	ENERCON	E-82	2009
NEGRELO-GUILHADO	Vila Real	20,0	10	2000	ENERCON	E-82	2009
SABUGAL	Guarda	25,2	12	2100	SUZLON	S-88	2009
ALROTA (ext)	Lisboa	1,7	1	1670	ECOTECNIA	ECO74	2009
SICÓ	Leiria	16,0	8	2000	ENERCON	E-82	2009
SERRADO MÚ	Beja	12,0	6	2000	ENERCON	E-82	2009
CABEÇO RAINHA (Ref. Pot)	Castelo Branco	6,0	3	2000	ENERCON	E-82	2009
CABEÇO RAINHA II	Castelo Branco	14,0	7	2000	ENERCON	E-82	2009
A. MNHO I - Corisco	Viana do Castelo	16,0	8	2000	ENERCON	E-82	2009
A. MNHO I - Corisco	Viana do Castelo	2,0	1	2000	ENERCON	E-70 E4	2009

Name	District	Capacity [MW]	Number of WECs	Nominal power [kW]	Manufacturer	Model	Connection to grid
BORDEIRA	Faro	24,0	12	2000	ENERCON	E-82	2008
CABEÇO RAINHA II	Castelo Branco	8,0	4	2000	ENERCON	E-82	2008
		9,2	4	2300		E-70 E4	
GUERREIROS	Faro	12,0	6	2000	ENERCON	E-82	2008
TERRAS ALTAS DE FAFE (ext.)	Braga	26,0	13	2000	GAMESA	G87	2008
SERRADO ALVÃO	Vila Real	2,0	1	2000	GAMESA	G87	2008
CHÃO FALCÃO II	Leiria	4,6	2	2300	NORDEX	N90	2008
LOUSÃ II	Coimbra	10,0	4	2500	NORDEX	N90	2008
RIBABELIDE	Vis eu	14,0	7	2000	ENERCON	E-82	2008
SICÓ	Leiria	4,0	2	2000	ENERCON	E-82	2008
LAGOAD. JOÃO / PICÃO	Vis eu	34,0	17	2000	ENERCON	E-82	2008
MAFÔMEDES	Porto	4,2	2	2100	SUZLON	S-88	2008
PENAMACOR 3B (ext.)	Guarda	14,7	7	2100	SUZLON	S-88	2008
MARVILA	Lis boa	12,0	6	2000	REpower	MMB2	2008
ALTO DA FOLGOROSA	Lis boa	16,0	8	2000	REpower	MMB2	2008
ESPINHAÇO DE CÃO	Faro	2,0	1	2000	REpower	MMB2	2008
ARGANIL/TOUTIÇO	Coimbra	21,0	7	3000	VESTAS	V90	2008
ARADA - Aveloso	Vis eu	6,0	3	2000	ENERCON	E-82	2008
ARADA - Picão	Vis eu	22,0	11	2000	ENERCON	E-82	2008
ARADA - Carvalhosa	Vis eu	34,0	17	2000	ENERCON	E-82	2008
ARADA - Arada	Vis eu	50,0	25	2000	ENERCON	E-82	2008
RUIVÃES	Braga	0,9	1	850	VESTAS	V52	2008
SERRADO MÚ	Beja	14,0	7	2000	ENERCON	E-82	2008
MOSQUEIROS	Guarda	8,0	4	2000	ENERCON	E-82	2008
Sr.ª SOCORRO (ext.)	Lis boa	2,0	1	2000	ENERCON	E-82	2008
TESTOS	Vis eu	24,0	12	2000	ENERCON	E-82	2008
GARDUNHA	Castelo Branco	4,0	2	2000	ENERCON	E-70 E4	2008
		38,0	19			E-82	
TRANCOSO	Guarda	28,0	14	2000	ENERCON	E-82	2008
SARDINHA	Lis boa	26,0	13	2000	GAMESA	G87	2008
TENDAS	Vis eu	8,0	4	2000	ENERCON	E-82	2008
GUARDA (ext.)	Guarda	4,0	2	2000	ENERCON	E-82	2008
ALROTA	Lis boa	3,3	2	1670	ECOTECNIA	ECO74	2008
A MNHO I - Picos	Viana do Castelo	30,0	15	2000	ENERCON	E-82	2008
		22,0	11			E-70 E4	
A MNHO I - Corisco	Viana do Castelo	38,0	20	2000	ENERCON	E-82	2008
		8,0	4			E-70 E4	
A MNHO I - Sto António	Viana do Castelo	32,0	16	2000	ENERCON	E-70 E4	2008
A MNHO I - Mend./Busstav.	Viana do Castelo	26,0	13	2000	ENERCON	E-82	2008
		24,0	11			E-70 E4	
A MNHO I - Picoto/SS	Viana do Castelo	10,0	5	2000	ENERCON	E-82	2008
		28,0	14			E-70 E4	

Name	District	Capacity [MW]	Number of WECs	Nominal power [kW]	Manufacturer	Model	Connection to grid
A MNHO I - Mend/Bus tav.	Viana do Castelo	2,0	1	2000	ENERCON	E-70 E4	2007
A MNHO I - Picos	Viana do Castelo	2,0	1	2000	ENERCON	E-70 E4	2007
LEOML	Viseu	16,1	7	2300	NORDEX	N90	2007
TENDAS	Viseu	2,0	1	2000	ENERCON	E-82	2007
S. JOÃO 1	Coimbra	8,4	5	1670	ECOTECNIA	ECO74	2007
S. JOÃO 2	Coimbra	13,4	8	1670	ECOTECNIA	ECO74	2007
ORTIGA (ext.)	Leiria	1,7	1	1670	ECOTECNIA	ECO74	2007
PENAMACOR 2	Guarda	14,7	7	2100	SUZLON	S-88	2007
PENAMACOR 3B	Guarda	25,2	12	2100	SUZLON	S-88	2007
S. CRISTÓVÃO (ext.)	Viseu	2,0	1	2000	VESTAS	V80	2007
S. MACÁRIO I	Viseu	11,5	5	2300	NORDEX	N90	2007
PICO ALTO	Faro	6,0	3	2000	ENERCON	E-82	2007
CHIQUEIRO	Castelo Branco	4,0	2	2000	VESTAS	V80	2007
ALVOAÇA	Castelo Branco	20,0	10	2000	ENERCON	E-70 E4	2007
PEDRAS LAVRADAS	Castelo Branco	16,1	7	2300	ENERCON	E-70 E4	2007
FELGAR	Bragança	8,0	4	2000	VESTAS	V80	2007
FANHÕES II	Lisboa	2,0	1	2000	GAMESA	G80	2007
ALMARGEM	Lisboa	6,0	3	2000	ENERCON	E-82	2007
CASAS	Viseu	2,0	1	2000	ENERCON	E-82	2007
SAFRA/ COENTRAL	Leiria	38,4	23	1670	ECOTECNIA	ECO74	2007
PINHAL INTERIOR II	Castelo Branco	26,0	13	2000	ENERCON	E-82	2007
CARAMULO	Viseu	6,0	3	2000	ENERCON	E-82	2007
GUARDA	Guarda	4,0	2	2000	ENERCON	E-82	2007
GARDUNHA	Castelo Branco	72,0	36	2000	ENERCON	E-82	2007
AZINHEIRA	Braga	14,0	7	2000	ENERCON	E-82	2007
NAVE	Viseu	38,0	19	2000	GAMESA	G90	2007
MOURISCA	Viseu	38,0	19	2000	GAMESA	G87	2007
ALTO DO MONÇÃO	Viseu	30,0	15	2000	GAMESA	G87	2007
PERDIGÃO	Castelo Branco	2,0	1	2000	ENERCON	E-82	2007
SOBRAL II	Lisboa	6,0	3	2000	GAMESA	G83	2007
TORRÃO	Porto	2,0	1	2000	REpower	MB2	2007

Name	District	Capacity [MW]	Number of WECs	Nominal power [kW]	Manufacturer	Model	Connection to grid
ALTO DO MONÇÃO	Viseu	2,0	1	2000	GAMESA	G87	2006
LOUSÃ	Coimbra	35,0	14	2500	GEWE	2.5	2006
JOGUINHO II	Lisboa	26,0	13	2000	REpower	MVB2	2006
SAFRA/ COENTRAL	Leiria	3,3	2	1670	ECOTECNIA	ECO74	2006
MADRINHA	Faro	10,0	5	2000	ENERCON	E-70 E4	2006
PENAMACOR 1	Castelo Branco	20,0	10	2000	GAMESA	G83	2006
PENAMACOR 3A	Castelo Branco	20,0	10	2000	GAMESA	G83	2006
CELA	Leiria	2,0	1	2000	REpower	MVB2	2006
FANHÕES II	Lisboa	2,0	1	2000	GAMESA	G80	2006
PÓ	Lisboa	9,1	7	1300	BONUS	1.3	2006
PINHAL INTERIOR I	Castelo Branco	54,0	18	3000	VESTAS	V90	2006
SERRAD'EL REI	Leiria	21,7	13	1670	ECOTECNIA	ECO80	2006
ARRUDA I	Lisboa	6,0	3	2000	GAMESA	G83	2006
SOBRAL II	Lisboa	8,0	4	2000	GAMESA	G83	2006
ABOGALHEIRA	Porto	3,3	2	1670	ECOTECNIA	ECO80	2006
FREITA II	Aveiro	18,4	8	2300	NORDEX	N90	2006
FREITA I	Aveiro	18,4	8	2300	NORDEX	N90	2006
VIDEMONTE	Guarda	32	16	2000	GAMESA	G87	2006
ORTIGA	Leiria	11,7	7	1670	ECOTECNIA	ECO74	2006
CANDEIROS (ext.)	Leiria	33,0	11	3000	VESTAS	V90	2006
CHORIDA2	Porto	0,8	1	800	ENERCON	E-48	2006
CHORIDA1	Porto	0,6	1	600	ENERCON	E-48 600	2006
PLAINADO VISO	Braga	1,2	2	600	ENERCON	E-48 600	2006
MAIROS I	Vila Real	2,0	1	2000	ENERCON	E-70 E4	2006
		0,6	1	600		E-48	
SERRAD'ARGA	Viana do Castelo	36,0	12	3000	VESTAS	V90	2006
Sr.º SOCORRO I	Lisboa	6,0	3	2000	ENERCON	E-70 E4	2006
VIDUAL / CARVALHAL	Coimbra	1,0	1	1000	WinWinD	VWD 1	2006
TERRA DO DAS BRUXAS	Guarda	1,0	1	1000	WinWinD	VWD 1	2006
VALÉRIOS	Lisboa	2,0	1	2000	REpower	MVB2	2006
PRACANA	Santarém	2,0	1	2000	ENERCON	E-70 E4	2006
MAIROS II	Vila Real	0,6	1	600	ENERCON	E-48 600	2006
CASADALAGOA	Vila Real	0,6	1	600	ENERCON	E-48 600	2006
LEIRANCO	Vila Real	0,6	1	600	ENERCON	E-48 600	2006
PINHAL INTERIOR II	Castelo Branco	60,0	30	2000	ENERCON	E-70 E4	2006
CARAVELAS (ext.)	Vila Real	0,6	1	600	ENERCON	E-48 600	2006
SEBOLIDO	Porto	0,8	1	800	ENERCON	E-48	2006
S. MAVEDE	Lisboa	6,9	3	2300	NORDEX	N90	2006
PENOUTA	Braga	0,8	1	800	ENERCON	E-48	2006
PAMPILHOSA	Coimbra	81,0	27	3000	VESTAS	V90	2006
ALTO DO SEIXAL	Vila Real	1,6	2	800	ENERCON	E-48	2006
VIDEIRA	Leiria	4,0	2	2000	ENERCON	E-70 E4	2006
CANDAL/COELHOIRA	Viseu	40,0	20	2000	ENERCON	E-70 E4	2006
CARAMULO	Viseu	84,0	42	2000	ENERCON	E-70 E4	2006
SEIXINHOS	Porto	10,4	8	1300	BONUS	1.3	2006
PENEDOURIVO	Porto	10,4	8	1300	BONUS	1.3	2006

Name	District	Capacity [MW]	Number of WECs	Nominal power [kW]	Manufacturer	Model	Connection to grid
PENEDOURIVO	Porto	2,6	2	1300	BONUS	1.3	2005
VDEIRA	Leiria	2,0	1	2000	ENERCON	E-70 E4	2005
PINHAL INTERIOR II	Castelo Branco	4,0	2	2000	ENERCON	E-70 E4	2005
ARCHEIRA3	Lisboa	2,0	1	2000	ENERCON	E-70 E4	2005
S. PEDRO	Viseu	10,0	5	2000	ENERCON	E-70 E4	2005
DONINHAS	Aveiro	0,8	1	800	ENERCON	E-48 800	2005
S. PAIO	Viana do Castelo	10,0	5	2000	ENERCON	E-70 E4	2005
SANTA HELENA	Viseu	4,0	2	2000	REpower	MMB2	2005
ALTO DO TALEFE (ext)	Viseu	1,5	1	1500	GEWE	GEWE-1.5s	2005
FONTE DA QUELHA (ext)	Viseu	1,5	1	1500	GEWE	GEWE-1.5s	2005
ALFARROBEIRA	Braga	0,6	1	600	ENERCON	E-48	2005
PORTAL DA FREITA II	Vila Real	0,6	1	600	ENERCON	E-48	2005
PAMPILHOSA	Coimbra	33,0	11	3000	VESTAS	V90	2005
ESPIGA	Viana do Castelo	6,0	3	2000	ENERCON	E-70 E4	2005
PENAS UAR (ext)	Porto	6,0	3	2000	ENERCON	E-70 E4	2005
LAMEIRA	Viseu	10,4	8	1300	BONUS	1.3	2005
SIRIGO	Viseu	4,0	2	2000	ENERCON	E-70 E4	2005
CABRIL (ext)	Viseu	4,0	2	2000	ENERCON	E-70 E4	2005
ARCELA	Lisboa	11,5	5	2300	NORDEX	N90	2005
DEGRACIAS	Coimbra	20,0	10	2000	VESTAS	V80	2005
RABAÇAL	Coimbra	2,0	1	2000	VESTAS	V80	2005
AMARAL (ext)	Lisboa	2,0	1	2000	GAMESA	G80	2005
FANHÕES II	Lisboa	2,0	1	2000	GAMESA	G80	2005
BONECA II	Porto	8,0	4	2000	ENERCON	E-70 E4	2005
MONTIJO	Lisboa	2,0	1	2000	ENERCON	E-70 E4	2005
COSTA VICENTINA	Setúbal	10,0	5	2000	REpower	MMB2	2005
PASSARINHO	Lisboa	8,0	4	2000	ENERCON	E-70 E4	2005
FANHÕES I	Lisboa	12,0	6	2000	GAMESA	G80	2005
CANDEIROS	Santarém	78,0	26	3000	VESTAS	V90	2005
ACHADA	Lisboa	6,9	3	2300	NORDEX	N90	2005
VILANOVA (ext)	Coimbra	6,0	3	2000	VESTAS	V80	2005
SERRADACAPUCHA	Lisboa	10,0	5	2000	ENERCON	E-70 E4	2005
OUTEIRO	Vila Real	30,0	15	2000	ENERCON	E-70 E4	2005
ARCHEIRA4	Lisboa	0,6	1	600	ENERCON	E40/6.44	2005
CALDAS I	Lisboa	10,0	5	2000	GAMESA	G83	2005
CHÃO FALCÃO	Leiria	34,5	15	2300	NORDEX	N90	2005
MALHADIZES	Coimbra	12,0	6	2000	ENERCON	E66/20.7	2005
CATEFICA	Lisboa	16,0	8	2000	GAMESA	G80	2005
TERRAS ALTAS DE FAFE	Braga	78,0	39	2000	GAMESA	G87	2005
ALAGOADE CIMA	Viana do Castelo	12,0	8	1500	GEWE	GEWE-1.5s	2005
MEADAS	Viseu	9,0	3	3000	VESTAS	V90	2005
SERRADAESCUSA	Lisboa	2,0	2	1000	WinWinD	WWD 1	2005
CHAMNÉ	Setúbal	4,6	2	2300	NORDEX	N90	2005
VILAR CHÃO	Braga	2,0	1	2000	ENERCON	E-70 E4	2005
CARREÇO E OUTEIRO	Viana do Castelo	2,3	1	2300	NORDEX	N90	2005
TEIXEIRÓ	Porto	4,0	2	2000	REpower	MMB2	2005
		2,0	1	2000		MM70	

Name	District	Capacity [MW]	Number of WECs	Nominal power [kW]	Manufacturer	Model	Connection to grid
CHAMNÉ	Setúbal	2,3	1	2300	NORDEX	N90	2004
TERRAS ALTAS DE FAFE	Braga	2,0	1	2000	GAMESA	G87	2004
CATEFICA	Lisboa	2,0	1	2000	GAMESA	G80	2004
TEIXEIRO	Porto	4,0 4,0	2 2	2000 2000	REpower	MMB2 MM70	2004
AMARAL 1	Lisboa	8,0	4	2000	GAMESA	G80	2004
ALAGOADE CIMA	Viana do Castelo	1,5	1	1500	GEWE	GEWE-1.5s	2004
MOSTEIRO	Guarda	9,1	7	1300	BONUS	1.3	2004
Sr.ª DA VITÓRIA	Leiria	12,0	8	1500	GEWE	GEWE-1.5s I	2004
CARREÇO E OUTEIRO	Viana do Castelo	18,4	8	2300	NORDEX	N90	2004
AVÊNDOA	Santarém	14,9	9	1650	VESTAS	NMB2	2004
CASTANHEIRA	Bragança	4,0	2	2000	REpower	MMB2	2004
MOINHO DE MANIQUE	Lisboa	2,0 0,6	1 1	2000 600	ENERCON	E66/20.7 E40/6.44	2004
CADRAÇO	Viseu	1,2	1	1200	ENERCON	E-58	2004
AÇOR	Coimbra	20,0	10	2000	ENERCON	E-70 E4	2004
SERRADACABREIRA	Braga	20,0	10	2000	ENERCON	E-70 E4	2004
SERRADE TODO O MUNDO	Lisboa	10,0	5	2000	VESTAS	V80	2004
RIBAMAR	Lisboa	6,0	3	2000	REpower	MMB2	2004
DIRÃO DARUA	Guarda	2,0 0,6	1 1	2000 600	ENERCON	E66/20.7 E40/6.44	2004
VILANOVA	Coimbra	20,0	10	2000	VESTAS	V80	2004
BORNINHOS	Bragança	2,0	1	2000	ENERCON	E66/20.7	2004
LOMBADAS EIXA II	Vila Real	12,0	8	1500	GEWE	GEWE-1.5s	2004
ARCHEIRA 2	Lisboa	2,0	1	2000	ENERCON	E66/20.7	2004
MOINHO VELHO	Lisboa	2,0	1	2000	ENERCON	E66/20.7	2004
PADRELA	Vila Real	7,5	5	1500	GEWE	GEWE-1.5s	2004
ALTO DO TALEFE	Viseu	12,0	8	1500	GEWE	GEWE-1.5s	2004
FONTE DAQUELHA	Viseu	12,0	8	1500	GEWE	GEWE-1.5s	2004
ALVÃO (ext)	Vila Real	12,0	6	2000	ENERCON	E66/20.7	2004
BOLORES	Lisboa	5,2	4	1300	BONUS	1.3	2003
ARCIPRESTE	Viseu	0,6	1	600	ENERCON	E40/6.44	2003
PICOS VERDES II	Faro	10,5	7	1500	FURLANDER	MD70	2003
BONECA	Porto	0,6	1	600	ENERCON	E40/6.44	2003
AGUIEIRA	Vila Real	0,6	1	600	ENERCON	E40/6.44	2003
CABEÇO DA VACA II	Braga	1,2	2	600	ENERCON	E40/6.44	2003
VERGÃO	Castelo Branco	13,0	10	1300	NORDEX	N62	2003
TRANDEIRAS	Vila Real	18,2	14	1300	BONUS	BONUS 1300	2003
MEROICINHA	Vila Real	3,0 6,0	1 3	3000 2000	VESTAS	V90 V80	2003
SERRAD'ARGA	Viana do Castelo	0,6	1	600	ENERCON	E40/6.44	2003
ALTO DO CÔTO	Aveiro	4,5	5	900	NEG-MCON	NM900-52	2003
MOINHOS DO OESTE	Lisboa	4,0	2	2000	ENERCON	E66/20.7	2003
Sr.ª do CASTELO II	Viseu	4,0	2	2000	ENERCON	E66/20.7	2003
BARROSO	Vila Real	18,0	9	2000	VESTAS	V80	2003
CABEÇO DARINHA (ext)	Castelo Branco	6,0	3	2000	ENERCON	E66/20.7	2003
BULGUEIRA	Vila Real	2,4	3	800	NORDEX	N50	2003
Sr.ª do CASTELO I	Viseu	1,2	2	600	ENERCON	E40/6.44	2003
CÔTO DA ALDEIA	Vila Real	0,6	1	600	ENERCON	E40/6.44	2003
MORRO DE BOI	Vila Real	0,6	1	600	ENERCON	E40/6.44	2003

Name	District	Capacity [MW]	Number of WECs	Nominal power [kW]	Manufacturer	Model	Connection to grid
IGREJANOVA (ext)	Lisboa	3,9	3	1300	NORDEX	N60	2002
PINHEIRO	Viseu	21,6	12	1800	ENERCON	E66	2002
JARMELEIRA	Lisboa	0,9	1	850	VESTAS	V52-850	2002
MAÇÃO III	Santarém	4,5	5	900	NEG-MCON	NM900-52	2002
CABRIL	Viseu	16,2	9	1800	ENERCON	E66	2002
BIGORNE	Viseu	7,0	4	1750	VESTAS	V66-1.75	2002
ALVÃO	Vila Real	10,8	6	1800	ENERCON	E66	2002
ENERWATT	Lisboa	0,6	1	600	ENERCON	E40/6.44	2002
CABEÇO DAVACA	Braga	1,2	2	600	ENERCON	E40/6.44	2002
MALHADAS	Coimbra	9,9	15	660	VESTAS	V47	2001
LOMBA da SEIXA I	Vila Real	13,0	10	1300	NORDEX	N60	2001
S. CRISTÓVÃO	Viseu	3,3	2	1650	VESTAS	V66-1.65	2001
CADAFAZ	Coimbra	10,2	17	600	ENERCON	E40/6.44	2001
MAÇÃO II	Santarém	2,3	3	750	NEG-MCON	NM750-48	2000
CABEÇO RAINHA	Cas telo Branco	10,2	17	600	ENERCON	E40/6.44	2000
CABEÇO ALTO	Vila Real	11,7	9	1300	NORDEX	N60	2000
ARCHEIRA	Lisboa	0,6	1	600	ENERCON	E40/6.44	2000
VENTOESTE	Lisboa	0,6	1	600	ENERCON	E40/6.44	2000
SÃO JOÃO	Lisboa	0,6	1	600	ENERCON	E40/6.44	2000
MONTE VENDAVAIS	Lisboa	0,6	1	600	ENERCON	E40/6.44	2000
MAÇÃO	Santarém	2,3	3	750	NEG-MCON	NM750-48	1999
IGREJANOVA	Lisboa	3,3	2	1650	VESTAS	V66-1.65	1999
CARAVELAS	Vila Real	0,6	1	600	ENERCON	E40/6.44	1999
PENASUAR	Porto	10,0	20	500	ENERCON	E40	1998
VILALOBOS	Viseu	10,0	20	500	ENERCON	E40	1998
LAGOAFUNDA	Faro	10,0	20	500	MTS UBISHI	MHI-500	1998
PICOS VERDES I	Faro	2,0	4	500	ENERCON	E40	1998
PORTAL DAFREITA	Vila Real	0,5	1	500	ENERCON	E40	1998
FONTE DAMESA	Viseu	10,2	17	600	VESTAS	V42	1996
SINES	Setúbal	1,8	12	150	WINWORLD	W-2800/150	1992
LOUREL	Lisboa	0,02	1	20	AEROMAN	12/20	1985

Wind farms in Portugal – Dec10

Turbines disconnected from grid

MAINLAND

Name	District	Capacity [MW]	Number of WECs	Nominal power [kW]	Manufacturer	Model	Out of service
Lagoa Funda	Faro	-1,0	-2	500	MTS UBISHI	MHI-500	2006
LOUREL	Lisboa	-0,02	-1	20	AEROMAN	12/20	1999

Wind farms in Portugal – Dec10 Chronologically ordered (reverse)

AUTONOMOUS REGIONS

Name	District	Capacity [MW]	Number of WECs	Nominal power [kW]	Manufacturer	Model	Connection to grid
FONTE DO JUNCAL	Madeira	6,0	4	1500	EOZEN-Vensys	1,5 MW (70)	2009
PAUL DASERRA	Madeira	6,0	4	1500	EOZEN-Vensys	1,5 MW (70)	2009
QUINTADO LORDE	Madeira	2,6	3	850	VESTAS	V52	2009
LOIRAL	Madeira	5,1	6	850	VESTAS	V52	2009
PEDRAS	Madeira	10,2	12	850	VESTAS	V52	2009
PAUL DASERRA (ENEREEM)	Madeira	3,30	5	660	VESTAS	V47	2003
CANIÇAL (EEM)	"	3,30	5	660	VESTAS	V47	2001
CABEÇO DO CARVALHO	Porto Santo	0,66	1	660	VESTAS	V47	2001
		0,45	2	225		V29	1996
BICADACANA	Madeira	1,80	12	150	NORDTANK	NTK150	1993
CANIÇAL	Madeira	0,90	6	150	NORDTANK	NTK150	1993
PERFORM2/S	Madeira	1,35	9	150	NORDTANK	NTK150	1993
PERFORM2/N	Madeira	0,90	6	150	NORDTANK	NTK150	1993
PERFORM1	Madeira	0,39	3	130	NORDTANK	NTK130	1992
CABEÇO DO CARVALHO	Porto Santo	0,27	9	30	AEROMAN	14/30	1985
SERRADO CUME	Terceira	4,5	5	900	ENERCON	E-44	2008
PICO	Pico	1,80	6	300	ENERCON	E30	2005
LOMBADOS FRADES	Faial	1,80	6	300	ENERCON	E30	2002
FIGUEIRAL	Santa Maria	0,90	3	300	ENERCON	E30	2002
BOCADAVEREDA	Flores	0,60	2	300	ENERCON	E30	2002
SERRABRANCA (ext)	Graciosa	0,60	2	300	ENERCON	E30	2002
PICO DAURZE (ext II)	São Jorge	0,60	2	300	ENERCON	E30	2002
FIGUEIRAL (ext)	Santa Maria	0,03	1	30	AEROMAN	14/30	1996
PICO DAURZE (ext)	São Jorge	0,15	1	150	NORDTANK	NTK150	1994
SERRABRANCA	Graciosa	0,20	2	100	NORDTANK	NTK150	1992
PICO DAURZE	São Jorge	0,40	4	100	NORDTANK	NTK150	1991
FIGUEIRAL	Santa Maria	0,24	8	30	AEROMAN	14/30	1988

Wind farms in Portugal – Dec10 Turbines disconnected from grid

AUTONOMOUS REGIONS

Name	District	Capacity [MW]	Number of WECs	Nominal power [kW]	Manufacturer	Model	Out of service
BICADACANA	Madeira	-0,90	-6	150	NORDTANK	NTK150	2010
PERFORM2/N	Madeira	-0,30	-2	150	NORDTANK	NTK150	2009
BICADACANA	Madeira	-0,90	-6	150	NORDTANK	NTK150	2008
CANIÇAL (EEM)	Madeira	-3,30	-5	660	VESTAS	V47	2003
FIGUEIRAL	Santa Maria	-0,18	-6	30	AEROMAN	14/30	2001
FIGUEIRAL	Santa Maria	-0,06	-2	30	AEROMAN	14/30	2000
FIGUEIRAL	Santa Maria	-0,03	-1	30	AEROMAN	14/30	1999
PORTO SANTO	"	-0,27	-9	30	AEROMAN	14/30	1996
PERFORM2/N	"	-0,15	-1	150	NORDTANK	NTK150	1993

Wind farms in Portugal – Dec10

Projects under construction and contracted

MAINLAND

Name	District	Capacity [MW]	Number of WECS	Nominal power [kW]	Manufacturer	Model	Connection to grid
CHAVÃES	Viseu	30	15	2000	ENERCON	E-82	cons tr.
SENDIM	Viseu	40	20	2000	ENERCON	E-82	cons tr.
LOURINHÃ	Lisboa	18	9	2000	ENERCON	E-82	cons tr.
VALE GRANDE	Coimbra	12	6	2000	REpower	MMØ2	cons tr.
AÇOR (ext)	Coimbra	2,3	1	2300	ENERCON	E-82	cons tr.
		2	1	2000	ENERCON	E-82	cons tr.
SERRADO MÚ (ext)	Beja	2	1	2000	ENERCON	E-82	cons tr.
S. MACÁRIO II	Viseu	23	10	2300	NORDEX	N90	cons tr.
ALTO DA COUTADA I	Vila Real	54	27	2000	ENERCON	E-82	cons tr.
SERRA DE SAMPAIO	Viseu	8	4	2000	ENERCON	E-82	cons tr.
SERRA DA NAVE	Viseu	28	14	2000	ENERCON	E-82	cons tr.
S.ª DAS NECESSIDADES	Coimbra	8	4	2000	ENERCON	E-82	cons tr.
TROVISCAL	Guarda	14	7	2000	ENERCON	E-82	cons tr.
S. CORNÉLIO	Guarda	32	16	2000	ENERCON	E-82	cons tr.
BALOCAS	Guarda	10	5	2000	ENERCON	E-82	cons tr.
PEDRAS LAVRADAS II	Castelo Branco	20	10	2000	ENERCON	E-82	cons tr.
POUSAFÓLES	Guarda	20	10	2000	ENERCON	E-82	cons tr.
BENESPERA	Guarda	34	17	2000	ENERCON	E-82	cons tr.
TESTOS II	Viseu	44	22	2000	ENERCON	E-82	cons tr.
SERAMENA	Lisboa	2	1	2000	ENERCON	E-82	cons tr.
ALVAÍZERE	Leiria	16	8	2000	ENERCON	E-82	cons tr.
ALTO DO MARCO	Vila Real	12	6	2000	ENERCON	E-82	cons tr.
VALE DE GALEGOS	Lisboa	4	2	2000	ENERCON	E-82	cons tr.

AUTONOMOUS REGIONS

Name	District	Capacity [MW]	Number of WECS	Nominal power [kW]	Manufacturer	Model	Connection to grid
GRAMNHAIS	S. Miguel	9,0	10	900	ENERCON	E-44	cons tr.

