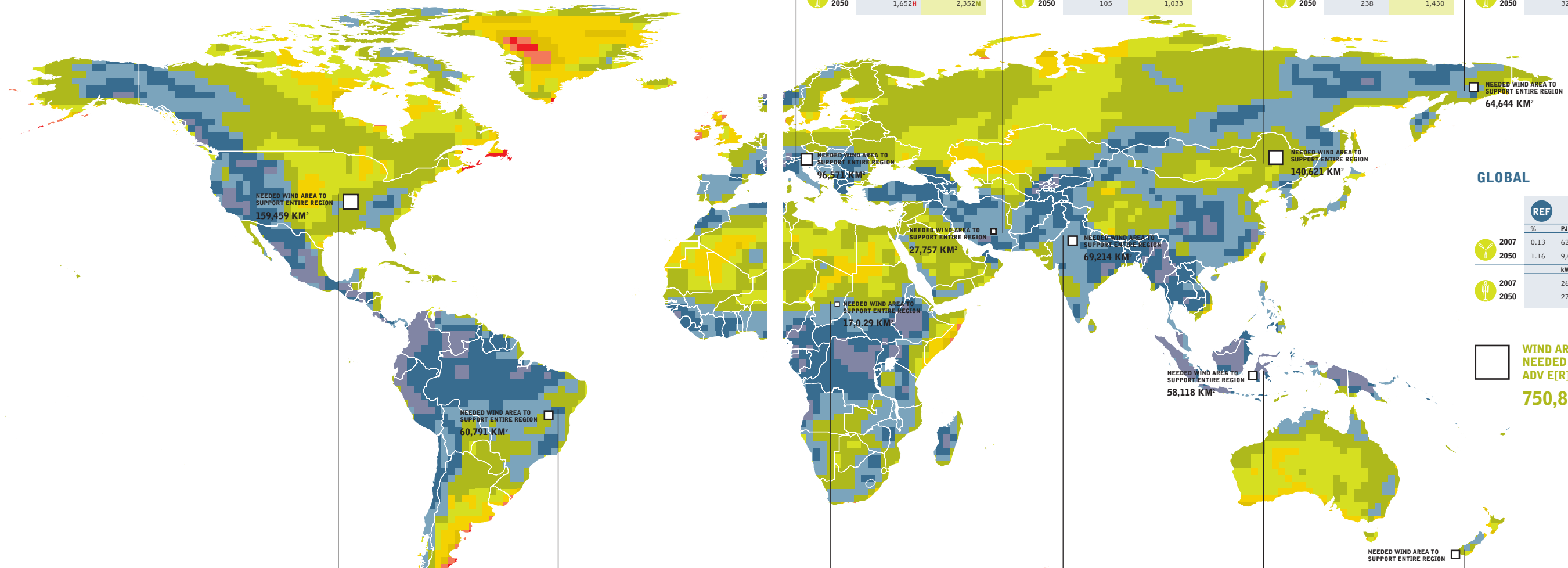


map 8.6: wind reference scenario and the advanced energy [r]evolution scenario

WORLDWIDE SCENARIO



RENEWABLE RESOURCE

WIND

OECD NORTH AMERICA

	REF		E[R]	
	%	PJ	%	PJ
2007	0.12M	136	11.11	7,805H
2050	1.71	2,210	11.11	7,805H
kWh				
2007	84			
2050	1,064		3,755	

LATIN AMERICA

	REF		E[R]	
	%	PJ	%	PJ
2007	0.02	3	10.54	2,878
2050	0.65	266	10.54	2,878
kWh				
2007	2			
2050	123		1,332	

OECD EUROPE

	REF		E[R]	
	%	PJ	%	PJ
2007	0.49H	379H	10.41	4,867
2050	4.14H	3,420H	10.41	4,867
kWh				
2007	195H			
2050	1,652H		2,352M	

MIDDLE EAST

	REF		E[R]	
	%	PJ	%	PJ
2007	0.00L	1L	4.78	1,314
2050	0.26L	133L	4.78	1,314
kWh				
2007	1			
2050	105		1,033	

CHINA

	REF		E[R]	
	%	PJ	%	PJ
2007	0.04	32	6.85M	7,340
2050	0.66	1,220M	6.85M	7,340
kWh				
2007	7			
2050	238		1,430	

TRANSITION ECONOMIES

	REF		E[R]	
	%	PJ	%	PJ
2007	0.00	1	9.83	3,413
2050	0.56	360	9.83	3,413
kWh				
2007	1			
2050	322M		3,050	

GLOBAL

	REF		E[R]	
	%	PJ	%	PJ
2007	0.13	624	8.38	39,029
2050	1.16	9,058	8.38	39,029
kWh				
2007	26			
2050	275		1,182	

WIND AREA NEEDED TO SUPPORT ADV E[R] 2050 SCENARIO
750,859 KM²

AFRICA

	REF		E[R]	
	%	PJ	%	PJ
2007	0.02	4	3.00L	1,073L
2050	0.47	202	3.00L	1,073L
kWh				
2007	1			
2050	28L		149L	

INDIA

	REF		E[R]	
	%	PJ	%	PJ
2007	0.17	42M	6.38	3,488
2050	0.48	374	6.38	3,488
kWh				
2007	10			
2050	64		600	

ASIA

	REF		E[R]	
	%	PJ	%	PJ
2007	0.01	2L	8.75	3,557
2050	0.69	475	8.75	3,557
kWh				
2007	0L			
2050	87		652	

OECD PACIFIC

	REF		E[R]	
	%	PJ	%	PJ
2007	0.06	24	15.47H	3,294M
2050	0.97M	396	15.47H	3,294M
kWh				
2007	33M			
2050	611		5,089H	

LEGEND

REF REFERENCE SCENARIO
E[R] ADVANCED ENERGY [R]EVOLUTION SCENARIO

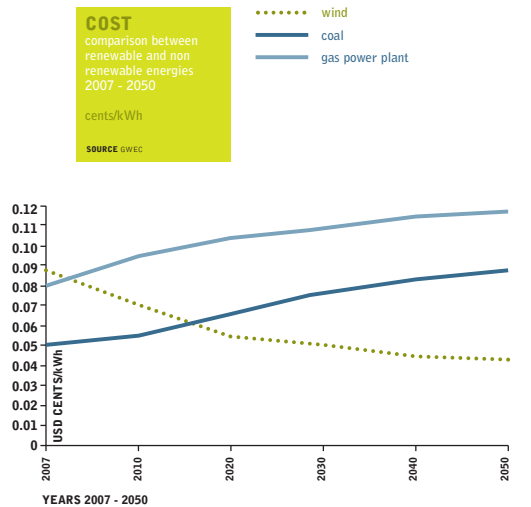


PRODUCTION PER REGION % OF GLOBAL SHARE | PETA JOULE [PJ]
PRODUCTION PER PERSON KILOWATT HOUR [kWh]

H HIGHEST | M MIDDLE | L LOWEST

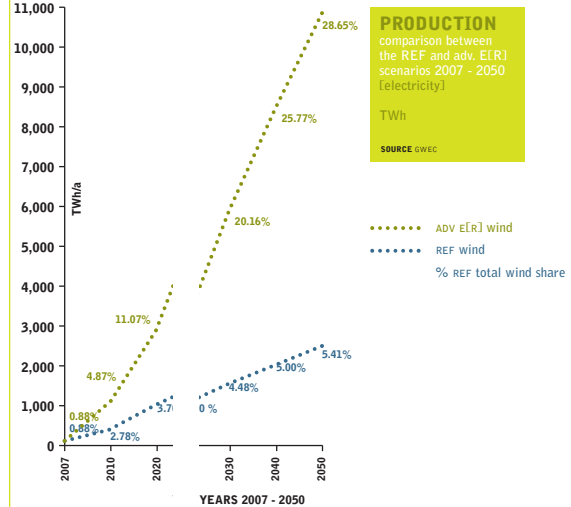
COST

comparison between renewable and non renewable energies 2007 - 2050
cents/kWh
SOURCE: IOWEC



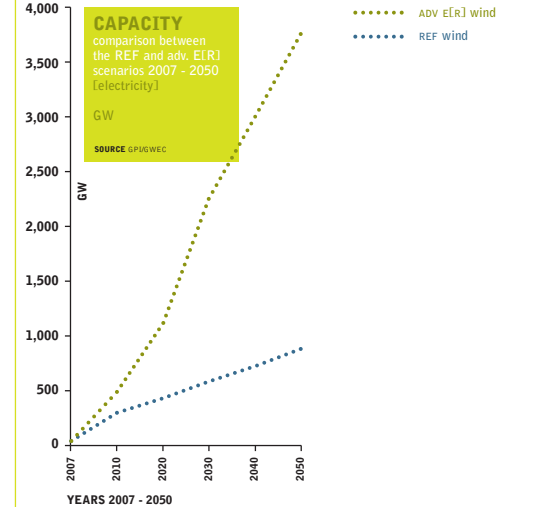
PRODUCTION

comparison between the REF and adv. E[R] scenarios 2007 - 2050 (electricity)
TWh
SOURCE: IOWEC



CAPACITY

comparison between the REF and adv. E[R] scenarios 2007 - 2050 (electricity)
GW
SOURCE: IOWEC



PRODUCTION

comparison between the REF and adv. E[R] scenarios 2007 - 2050 (primary energy)
PJ
SOURCE: IOWEC

