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http://www.inforse.org/europe/seminar_2010_BXL.htm





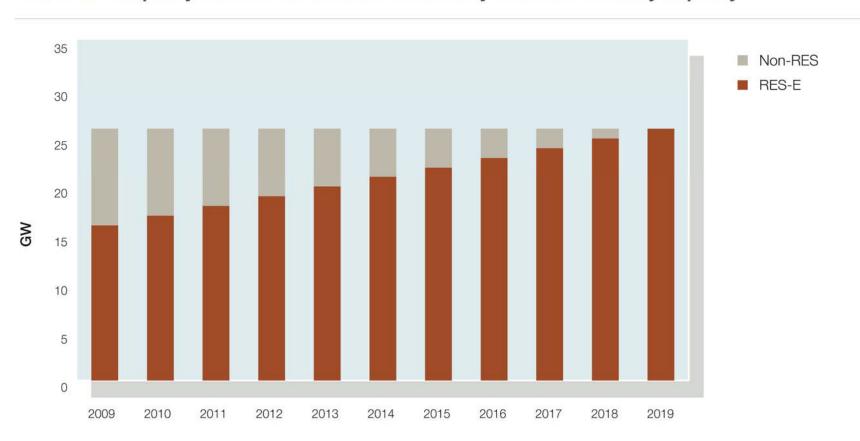
RES Development (2005-2007)

	2005		2006		2007		AGR 2005-2007
TYPE OF ENERGY	Mtoe	%	Mtoe	%	Mtoe	%	%
Final Energy Consumption*	1,211.2	100	1,213	100	1,194.9	100	-0.7
1. Electricity**	42.45	3.5	44.26	3.7	46.69	3.9	4.9
2. Heating and Cooling	59.44	4.9	62.17	5.1	62.98	5.3	2.9
3. Transport Biofuels	3.15	0.3	5.38	0.4	7.88	0.7	51.6
Total Renewable Energy	105.0	8.6	111.8	9.2	118	9.9	5.9

Source: EREC based on EUROSTAT data *Including electricity and steam transmission/distribution losses and own consumption **Normalised for hydro and wind

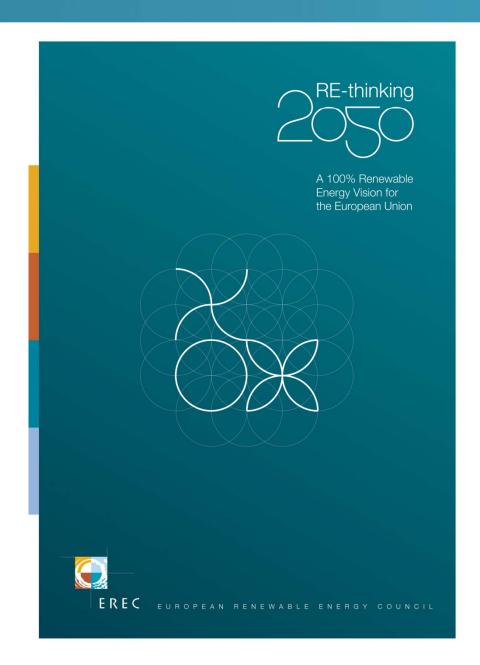


BAU RES-E Capacity Increase vs. Constant Total Newly Installed Electricity Capacity















EREC Member Associations

■ AEBIOM European Biomass Association

■ EGEC European Geothermal Energy Council

■ EPIA European Photovoltaic Industry Association

■ EREF European Renewable Energies Federation

□ ESHA European Small Hydropower Association

■ ESTELA European Solar Thermal Electricity Association

ESTIF European Solar Thermal Industry Federation

■ EUBIA European Biomass Industry Association

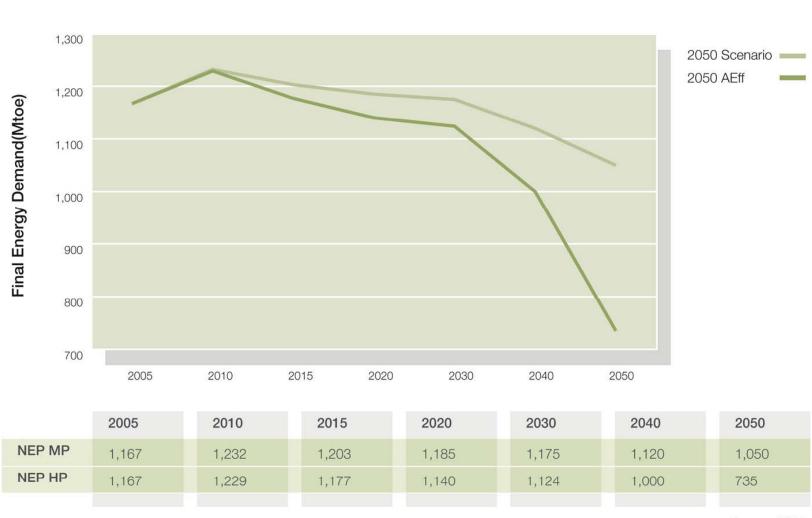
■ EU-OEA European Ocean Energy Association

□ EUREC European Association of Renewable Energy Research Centres

■ EWEA European Wind Energy Association



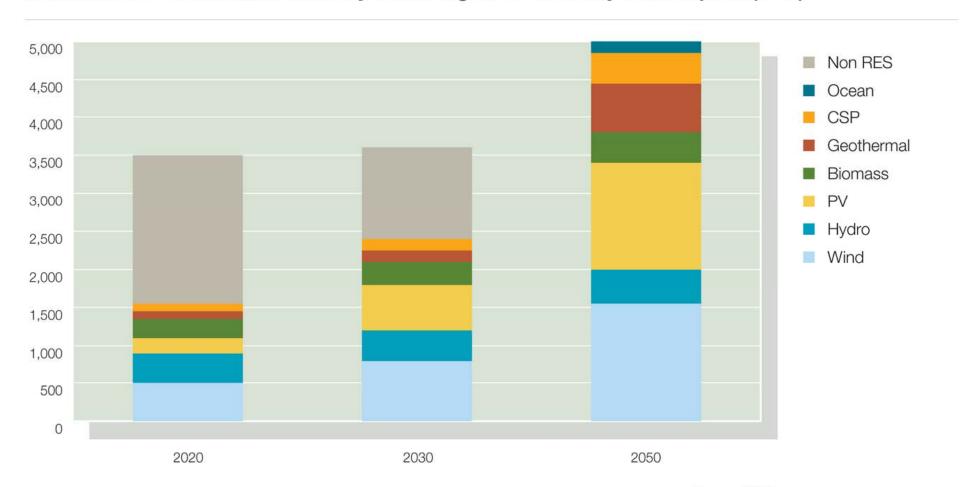
Consumption Assumptions (2005-2050)





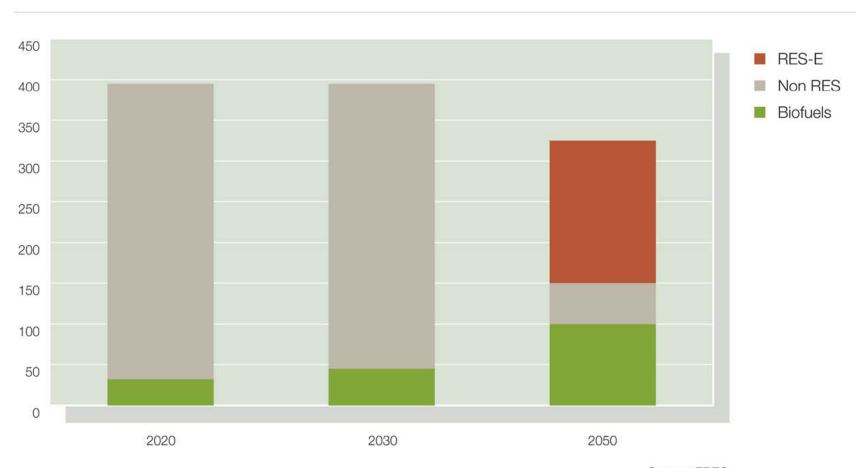


Contribution of Renewable Electricity Technologies to Electricity Consumption (TWh)



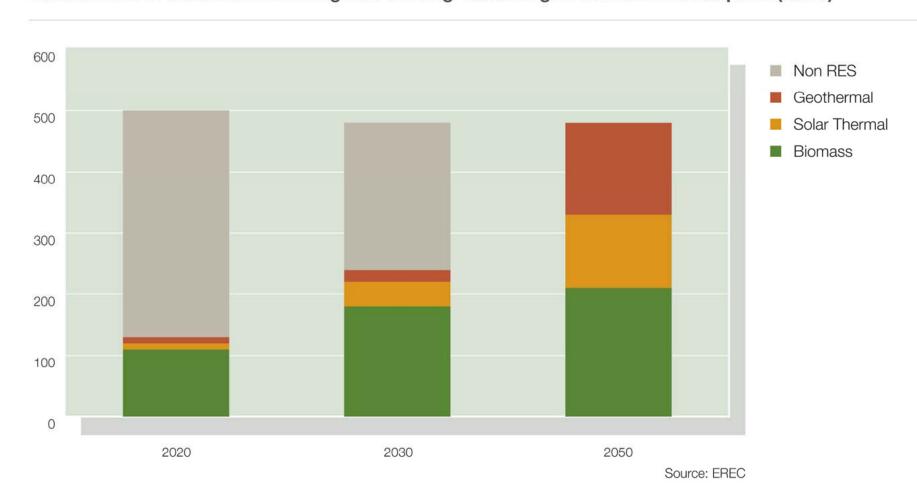


Contribution of Biofuels to Transport Fuel Demand (Mtoe)



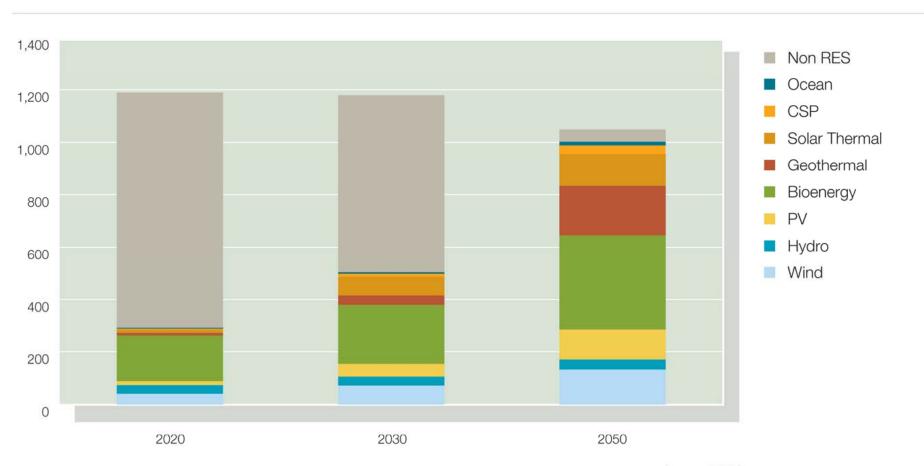


Contribution of Renewable Heating and Cooling Technologies to Heat Consumption (Mtoe)



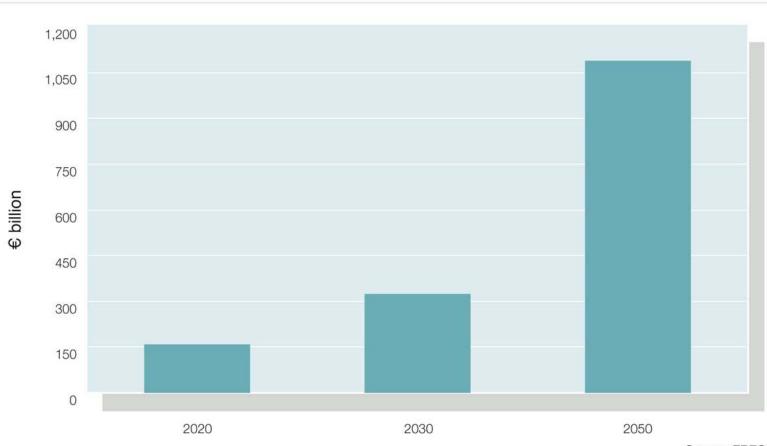


Contribution of Renewable Energy Technologies to Final Energy Consumption (Mtoe)



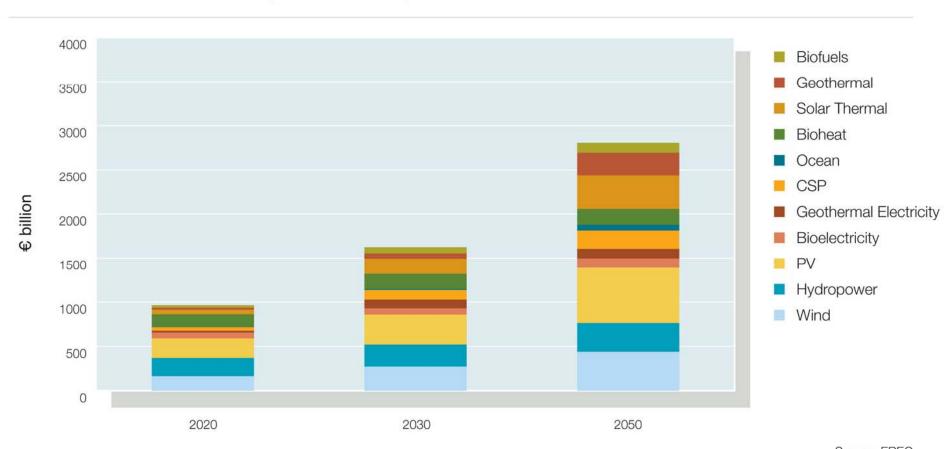


Avoided Fuel Costs from RES Deployment (2020-2030-2050)



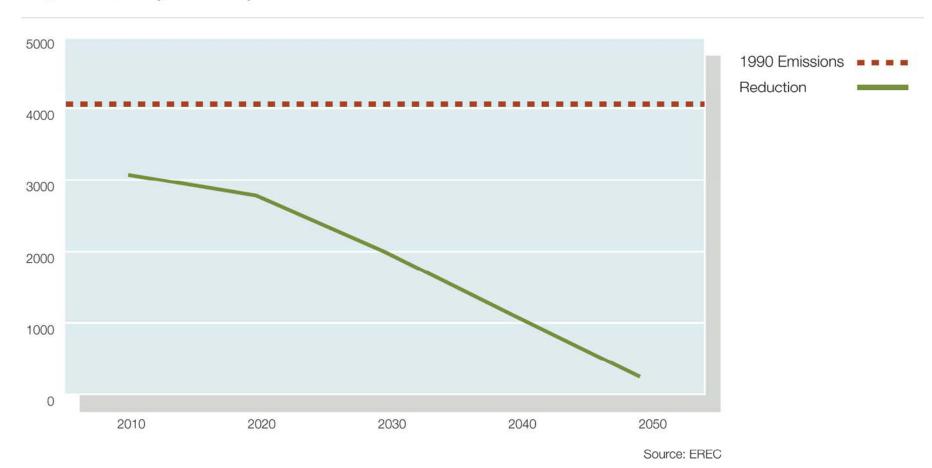


Total Cumulative Investments (2020-2030-2050)





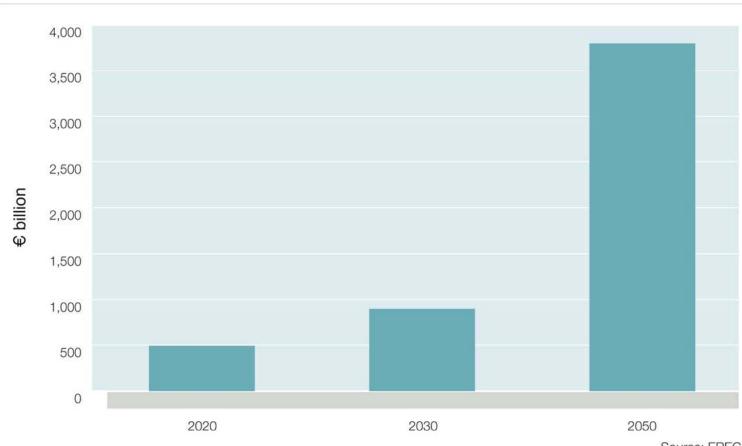
CO₂ Avoidance (2020-2050)







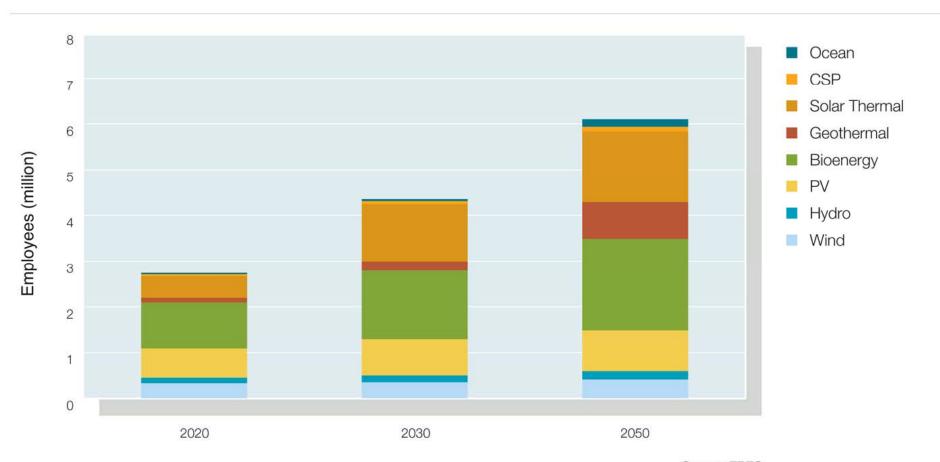
Carbon Costs Avoided (2020-2030-2050)







Gross Employment in the Renewable Energy Sector (2020-2030-2050)







Enabling Policy Measures

- Supporting the transition towards a 100% renewable energy economy with all EU policy areas
- Less is more an ambitious framework for Europe's energy demand
- Effective and full implementation of the new RES Directive
- Binding renewable energy targets for 2030
- Full liberalisation of the energy market
- Phasing out all subsidies for fossil and nuclear energy and introducing an EU-wide carbon and energy tax