

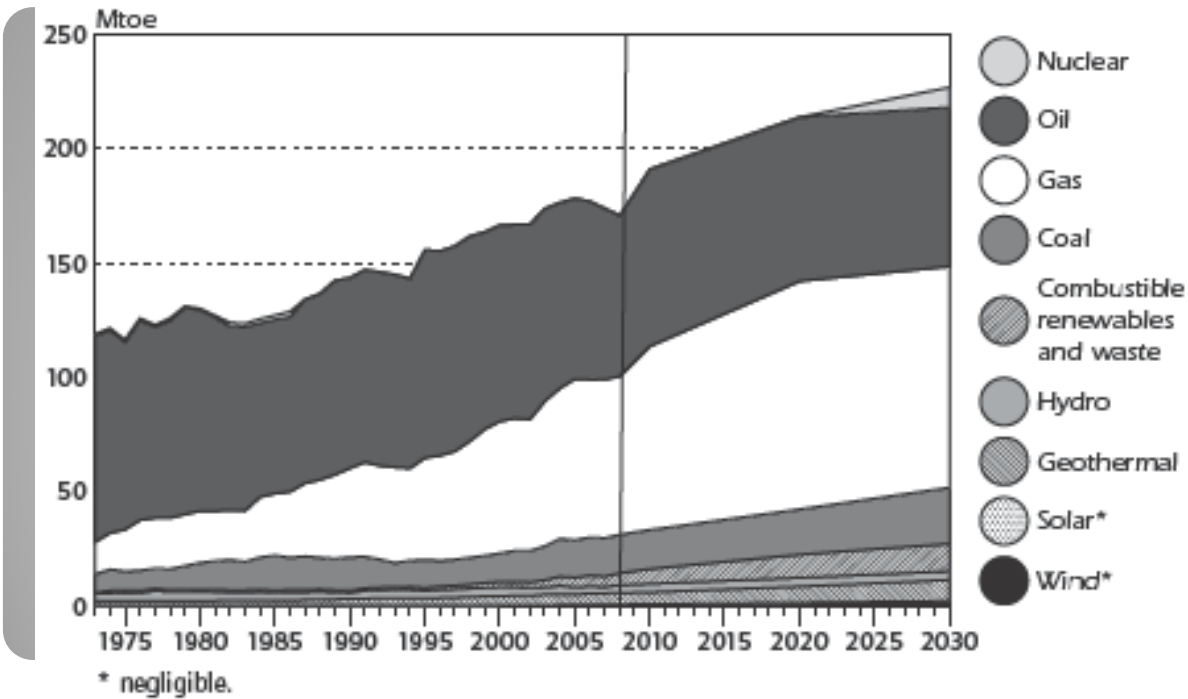
Some aspects in italian RES

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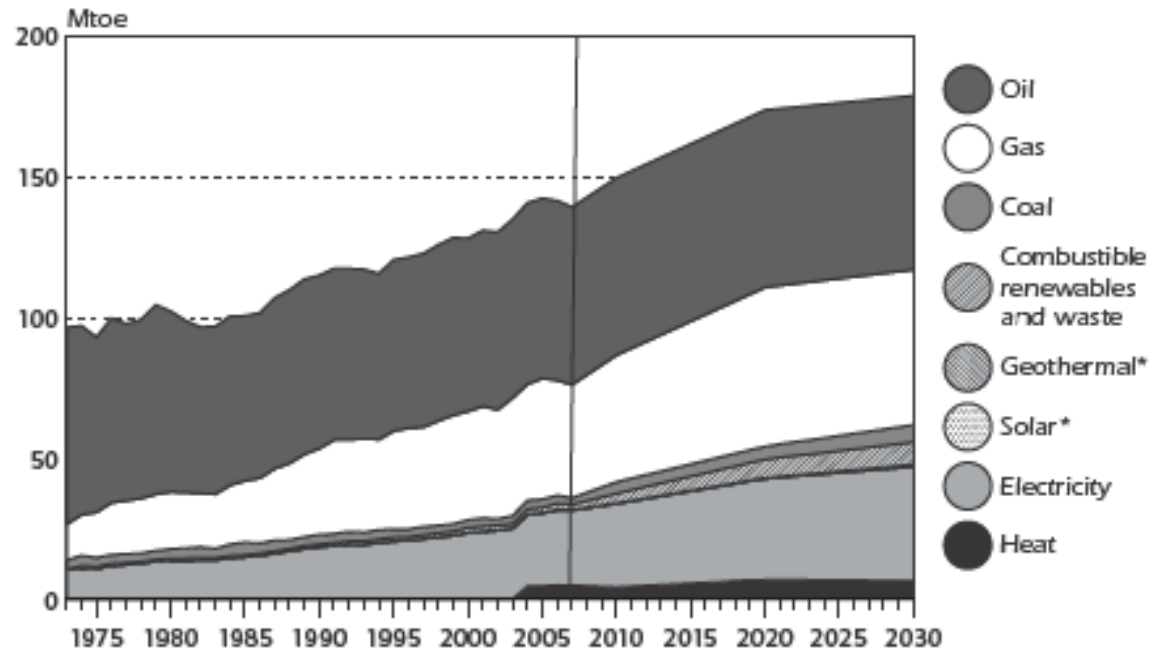
Actual production and forecast
Actual consumption and forecast
Brief analysis on wind, geothermal and pv
Policies to promote the RES (Energy bill)

Case of study:

Small companies in our region involved in RES.

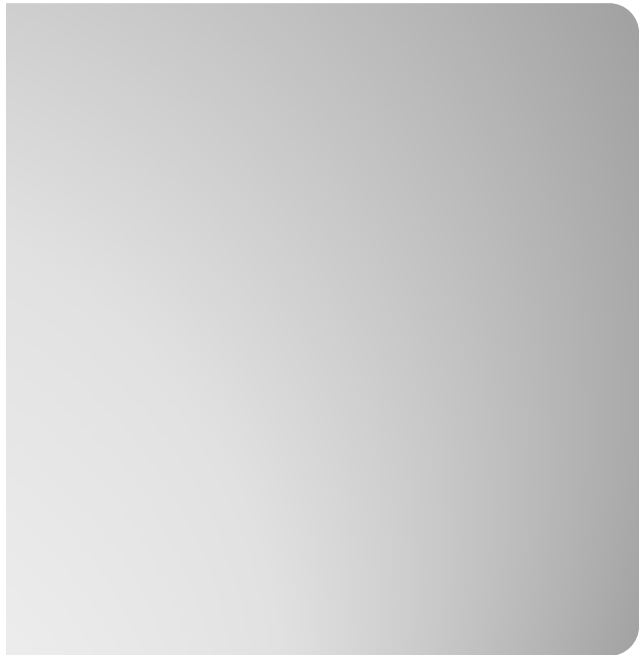
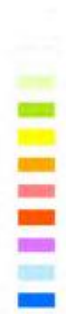
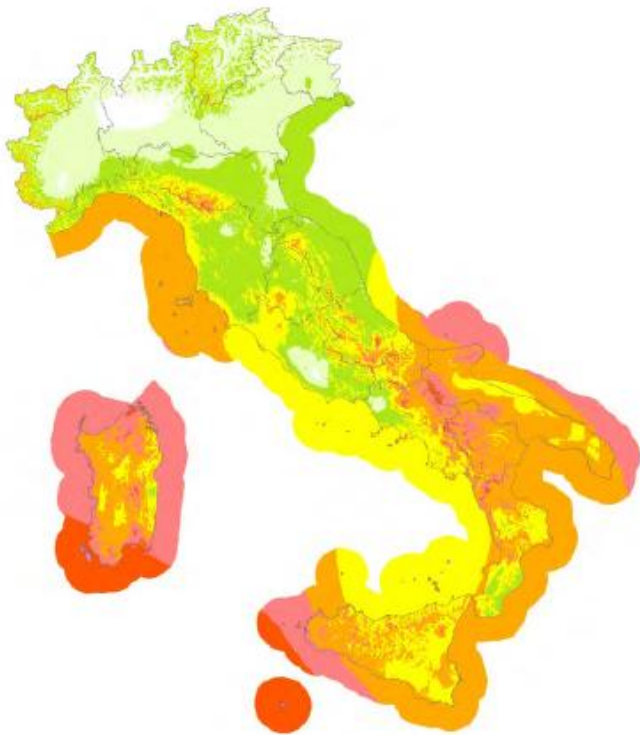


Production of energy in Italy



* negligible.

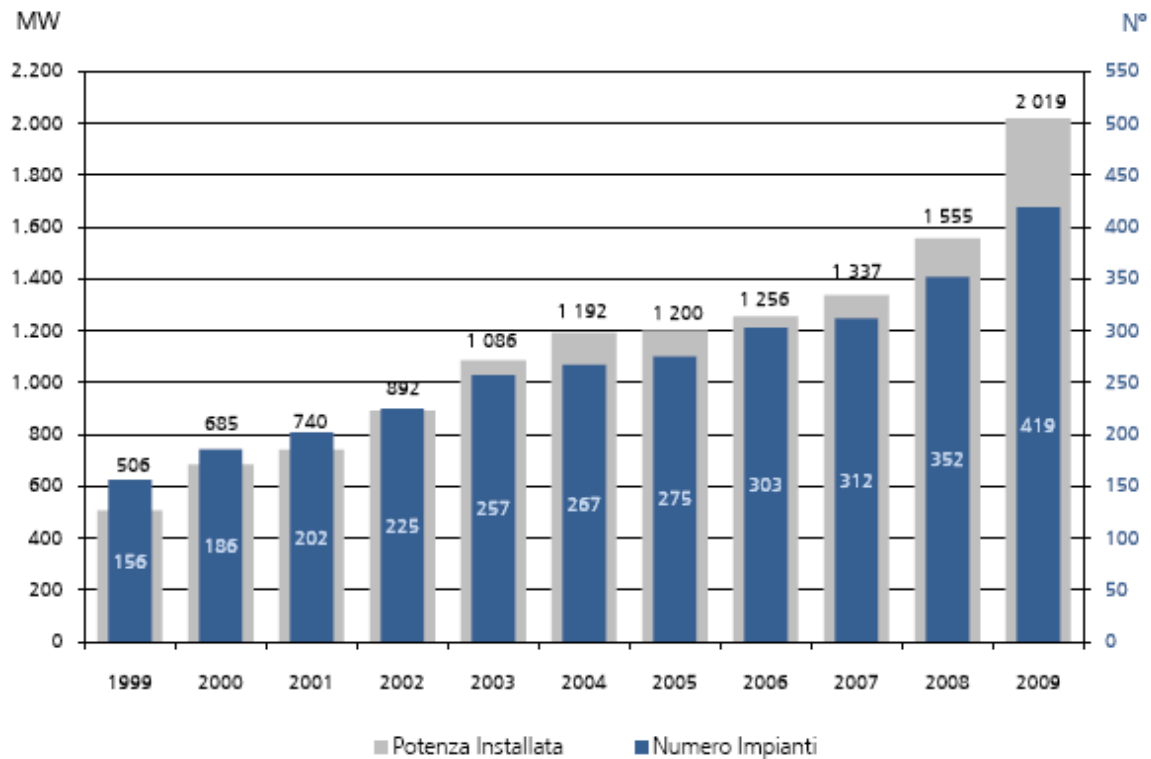
Consumption of energy in Italy



Wind map

date	31/12/2008		31/12/2009		
					Var. Power
					2009/2008
Power size M W	No.	M W	No.	M W	%
P ≤ 1 MW	22	13,2	24	14,7	10,6
1 MW < P ≤ 10 MW	94	427,4	106	491,1	14,9
P > 10 MW	126	3.096,9	164	4.392,2	41,8
To t a l	242	3.537,6	294	4.897,9	38,5

Growth of wind plants



Biomass plants (power – numbers of plants)

1 kWp < 20 kWp	€ 0.445 per kWh		
20 kWp < 50 kWp	0.460 € per kWh		
> 50kWp	€ 0.490 per kWh		
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1 to 3 kWp:	€ 0.40 per kWh	€ 0.44 per kWh	0.49 € per kWh
3 to 20 kWp:	€ 0.38 per kWh	0.42 € per kWh	€ 0.46 per kWh
> 20 kWp	€ 0.36 per kWh	0.40 € per kWh	0.44 € per kWh
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1 to 3 kWp	0.402 € per kWh	0.362 € per kWh	
3 to 20 kWp	0.377 € per kWh	0.339 € per kWh	
20 to 200 kWp	0.358 € per kWh	0.321 € per kWh	
200 to 1000 kWp	0.355 € per kWh	0.314 € per kWh	
1000 to 5000 kWp	0.351 € per kWh	0.313 € per kWh	

Energy Bill

Thank you for your attention!