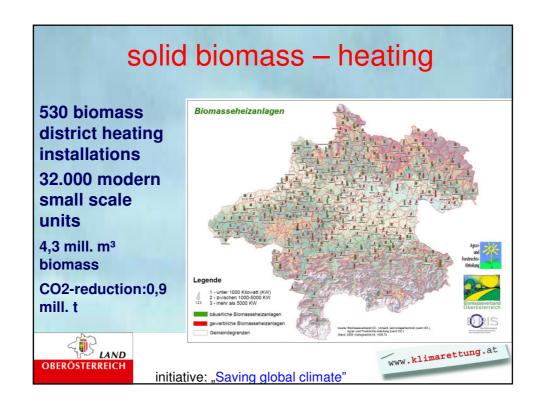


targets 2030 Upper Austria – project Energy 2030			
	2007	potential 2030	
biomass	34 PJ	46-62 PJ	
Hydropower	34-41 PJ	+1,8 PJ	
Wind, PV	0,15 PJ	?	
solar (thermal)	1 PJ (1 mill. m²)	4 PJ	
heat pumps	1 PJ	2-3 PJ	
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Energy reference numbers (heat demand) of dwellings in the nine Austrian regions (kWh/m²a) retrofitting new buildings 2006 43 80 2007 39 60 2008 37 58 Outlook next ? 30 years www.klimarettung.at initiative: "Saving global climate"

Retrofitting rate of dwellings in Upper Austria			
2005		1,3%	
2006		1,55%	
2007		1,6%	
2008		1,9%	
2009		2,5%	
OBERÖSTERREICH	initiative: "Saving glo	obal climate"	

conclusions

- Energy autonomy is a vision and good motivator
- · Main element is energy efficiency
- A lot of activities on the level of the municipalities but framework conditions have to be set on higher levels
- Most regions (Länder) are active in developing p&m for energy autonomy
- Austria can succeed in energy autonomy because of the potential of RES and energy savings
- technology swift is necessary (e.g. e-mobility, CHP small scale units, smart grids, etc.)

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