National Group 8 - Local situation "Sustainable Energy Systems-Community Participation Steiermark/Styria/Estiria"

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Styria - an Austrian province in the southeast

Population / Geography:

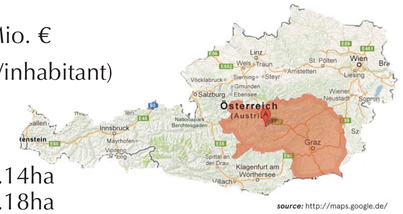
Capital:	Graz
Inhabitants:	1213225
Population density:	74 inhabitants / km2
Area:	16401.04 km2

Economy:

Regional GDP 2010: 35775 Mio. €
(29600€/inhabitant)

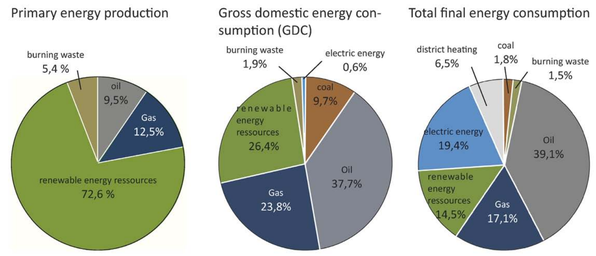
Use of land:

Field cultivation:	122,737.14ha
Grassland:	266,263.18ha
Forest:	852,092.65ha



Energy growth

Austria`s energy balance 2010

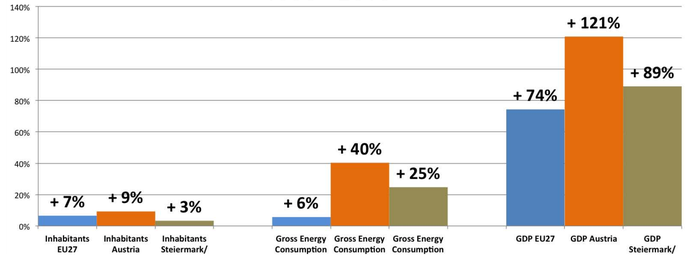


Gross inland consumption of primary energy - 1 000 tonnes of oil equivalent
Gross inland consumption is defined as primary production plus imports, recovered products and stock change, less exports and fuel supply to maritime bunkers. It therefore reflects the energy necessary to satisfy inland consumption within the limits of national territory.

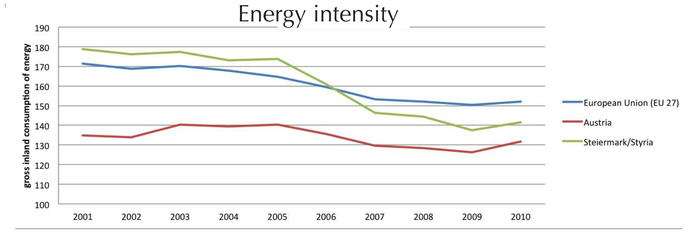
$$\text{energy intensity} = \frac{\text{energy input}}{\text{Gross domestic product}}$$

- High energy intensities indicate a high price or cost of converting energy into GDP.
- Low energy intensity indicates a lower price or cost of converting energy into GDP.

Trend Gross Energy Consumption, Inhabitants and GDP 1990 - 2010

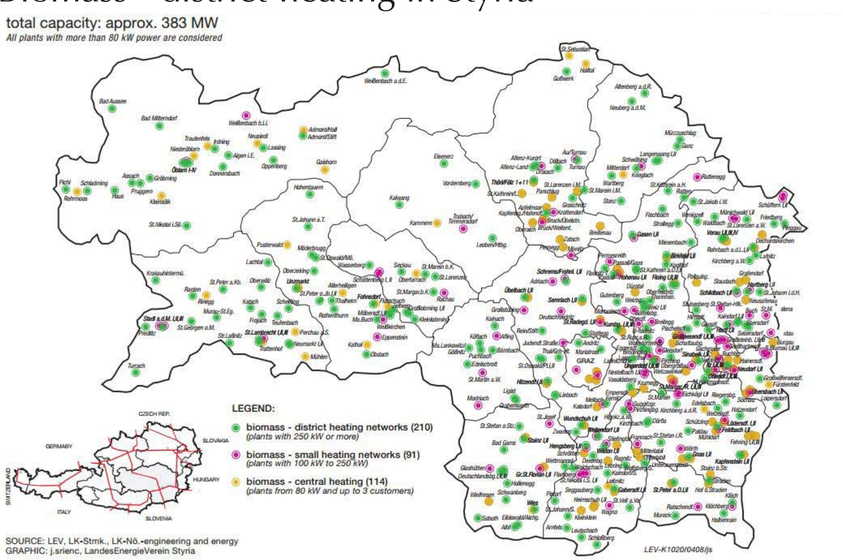


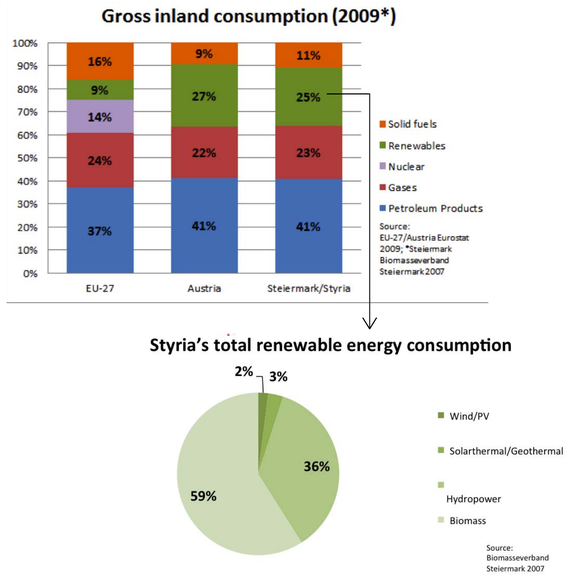
Energy intensity



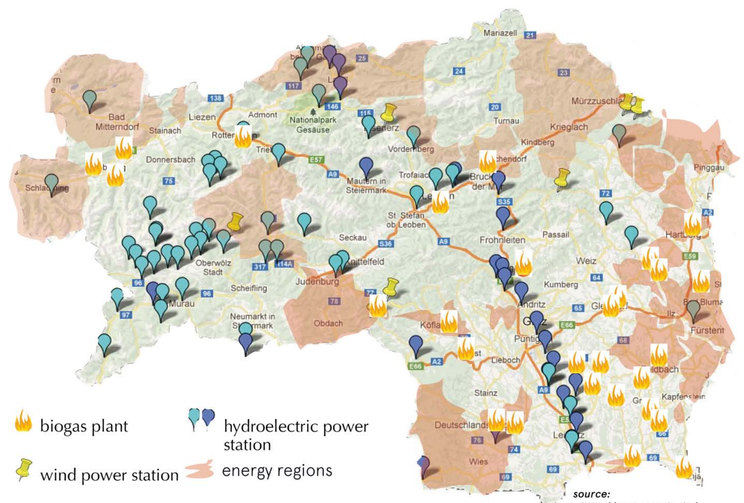
Distribution of Renewables in Styria

Biomass - district-heating in Styria





Styria`s offensive for renewable energy



source:
- http://maps.google.de/
- „change" author: Klima- und Energiefonds
- biogas plant atStyria - author: LandesEnergieVerein Steiermark

Graz, 2013