

Energy data in Vorarlberg

EUSALP Energy Observatory

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Energy policy

- **ESD targets Austria:**
 - 16% GHG below 2005 levels by 2020
 - 36% GHG below 2005 levels by 2030
 - Long term national target to be decided (-80-95% GHG compared to 1990)
- **State of Vorarlberg target:**
 - „Energy autonomy 2050“
 - Unanimous decision by all parties in parliament

Energy monitoring system 1v2

- **Since when monitoring?**
 - The first Energy Concept Vorarlberg was drawn up in 1988
 - New monitoring system started 2016. Main goal: Consistency with EU-reporting and Paris agreement

- **Most relevant data for our region?**
 - Final energy demand, share of renewables
 - Monitoring of specific targets of the „Energy autonomy programme“

- **Who provides the energy data?**
 - Statistics Austria: Energy balances for Austria and its states as of 1988
 - Environment agency Austria (Umweltbundesamt)
(responsible for compiling Austria's GHG inventory for submission to the UNFCCC and the EU)

Energy monitoring system 2v2

- **Method used to collect and process the energy data:**
 - Mandatory reportings (e.g. electricity, mineral oil), household surveys etc., model calculations to calculate the shares of the Austrian States
- **Which tools are used to monitor the regional energy plan:**
 - PDF-report, Excel (unpublished).
 - Increase of GIS use under discussion
- **Do you provide local authorities with local energy data?**
 - 2/3 of our municipalities participate in the European Energy Award and have a reporting system in place (www.european-energy-award.de)
 - Central support for municipalities under discussion (GIS use)

Dissemination of energy data


- **Special features of Energy monitoring Vorarlberg:**
 - Imported carbon of electricity is included
 - Gasoline exports are excluded (MARS-modell)
- **Annual report:** www.vorarlberg.at/energie
 - Dec: Energy data on the national level
 - March: GHG data on the national level
 - April/May: Energy monitoring Vorarlberg
- **PDF format**
- **Annual press conference and statewide meetings with energy experts (Energieautonomiekonferenz)**

Network of energy observatories

- Added value of setting up a network of energy observatories?
 - **Sharing of ideas between „neighbours“, positive competition, development of common projects, needs etc.**
 - **Recommendations for the further harmonisation of energy indicators** (see ARGE Alp report: Energieeffizienz und Klimaschutz im Alpenraum)
 - **We are happy to work together, but our basis needs to be EUROSTAT.**

SHARES-Tool

- **SHARES-Tool: SHort Assessment of Renewable Energy Sources**
 - European Commission
 - Eurostat
 - EnergyData
 - SHARES (Renewables)
 - Objective of the SHARES tool:
Reporting under Directive 2009/28/EC.
 - 3 basic indicators
 - RES-electricity,
 - RES-transport,
 - RES-heating & cooling

eurostat 

SHARES tool 2016

SHort Assessment of Renewable Energy Sources
v2016.71130

Please select your country in the box below:

Austria
AUSTRIA

This tool works only if Visual Basic macros are enabled.

Load RENEWABLES	Delete RENEWABLES
✓ AUSTRIA_REN_1990to2016_20171130_1134.csv	
Load COAL	Delete COAL
✓ AUSTRIA_COAL_1990to2016_20171130_1137.csv	
Load OIL	Delete OIL
✓ AUSTRIA_OIL_1990to2016_20171130_1135.csv	
Load GAS	Delete GAS
✓ AUSTRIA_GAS_1990to2016_20171130_1136.csv	
Load ELECTRICITY	Delete ELECTRICITY
✓ AUSTRIA_ELE_1990to2016_20171130_1137.csv	

TRANSPORT	OVERALL TARGET
HEAT PUMPS	STAT. TRANSFERS

Data sources of Austrias energy balance

Abbildung 1: Wesentliche Datenquellen der Energiebilanz

