

Regional Energy and Greenhouse gas observatory : OREGES Auvergne Rhône- Alpes

Bolzano, EUSALP AG9 meeting

20/03/2018

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**Auvergne
Rhône-Alpes**
Énergie Environnement

1978-2018
40 ans
au service
Énergie
Environnement
des territoires

Avec le soutien de :

La Région
Auvergne-Rhône-Alpes



Energy policies



- Regional energy plan:
 - SRCAE and SRADDET (in progress)
 - Specific regional plan such as biomass
- Municipalities and federation of municipalities above 20 000 inhabitants: obligation of SECAP, other voluntary initiatives
- Covenant of Mayors data for baseline emissions inventory
- AURA-EE also technical structure of Adaptation monitoring system

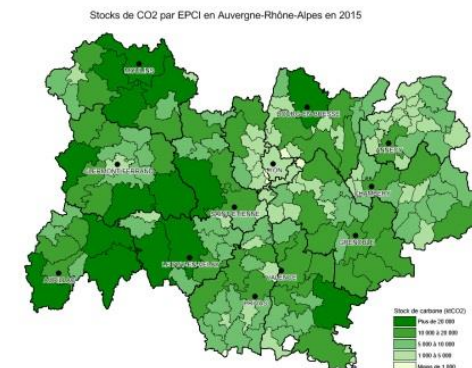


Energy monitoring system (1/2)



Auvergne-Rhône-Alpes

- OREGES exists since 2002 (regional and provincial data). Co financed and steered by national Energy Agency (ADEME) and regional council.
- 2009: association with regional Air Quality monitoring system (data at municipal level)
- Final Energy consumption and GHG emissions by municipality, year, sector, energies, use
- RES production by municipality, year, production, power installed, number of installations
- Carbon stock



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et de la Maitrise de l'Énergie

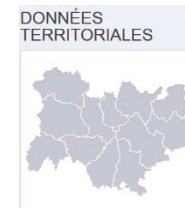
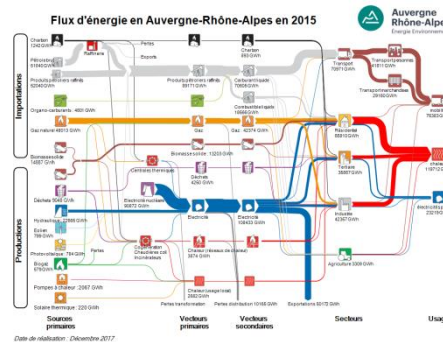
Energy monitoring system (2/2)

- Agreements with DSO and TSO, then modelling by Air Quality monitoring system ATMO Auvergne-Rhône-Alpes (energy consumption and GHG)
- AURA-EE in charge of
 - collecting data (RES production) , Energy balances, partnership agreements, analysis of data, confidentiality issues, data dissemination, valorisation
- Modelling with international and national standards
- Climate correction, Improvement of methodology every year: recalculation of previous years
- Mix between top down and bottom up approach



Access and dissemination of energy data

- Data available on <http://oreges.auvergnerhonealpes.fr>
- Regional level:
 - Key figures (N-2)
 - Trends (N-1)
 - Sankey diagramm
- Municipal level (*and every type of territory by aggregation of municipalities*)
 - Air Energy climate profile for 300 territoires (40 pages PDF) to download on website
 - Excel table at municipal and territorial scale
 - GIS
- Hotline for specific requests (more than 100 every year)



Network of energy observatories in EUSALP

- Interests:

- Oreges founding member of
- Sharing methodologies, indicators, dissemination, formats of representing energy consumption/production
- Better quality data for the Alpine region
- **Prospective and impacts of scenarios/energy strategies for the Alpine region**



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Thank you

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