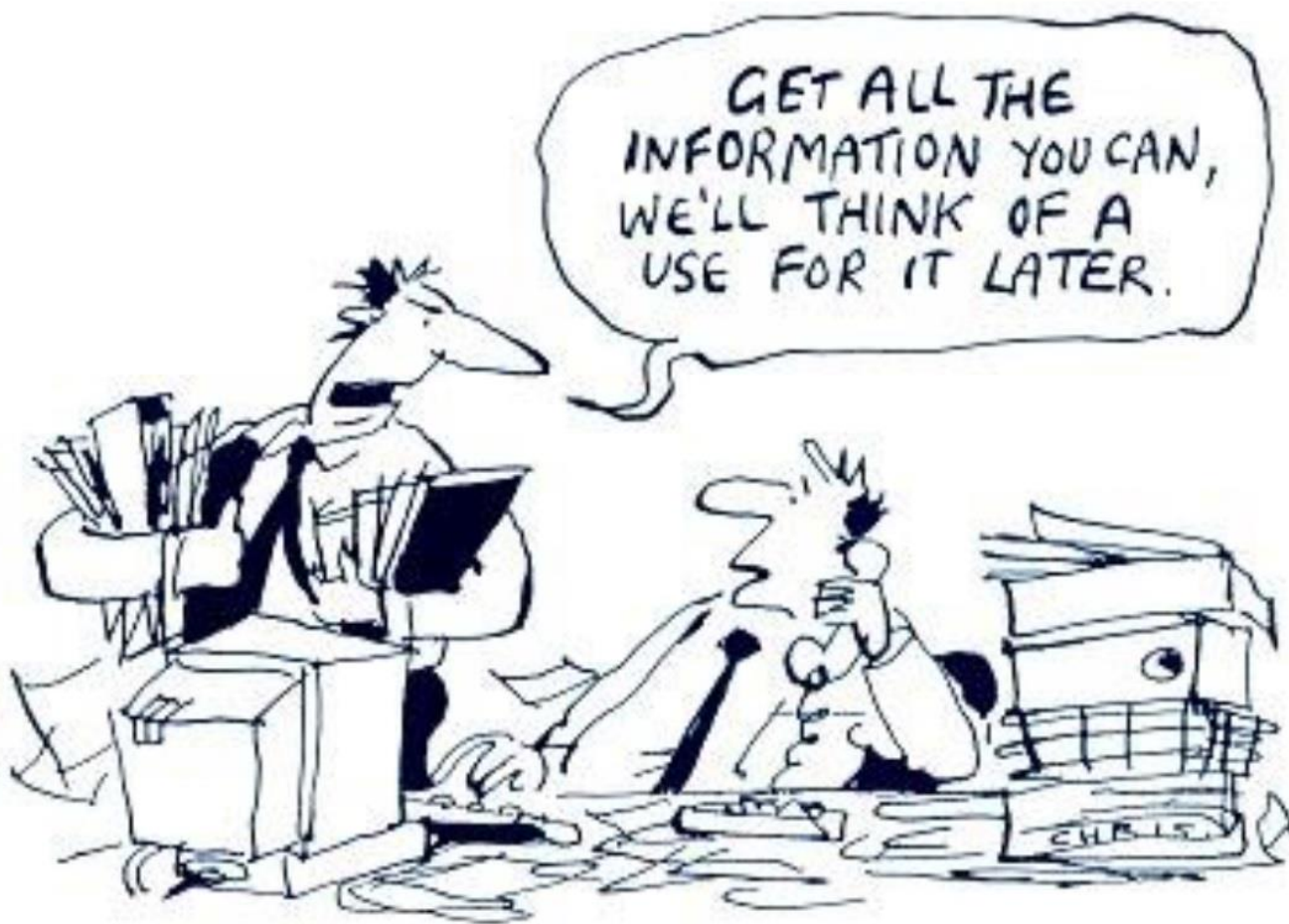


# Collaborating on energy data exchange for better SEAP implementation: Role of regional “one-stop shop” data centres

Final Conference of the Alpine Space project SEAP\_Alps  
Munich, March 23<sup>rd</sup> 2015

Patrick BIARD, RhônAlpénergie-Environnement



# Current situation

- Public authorities facing **difficulties in accessing local and accurate energy community data** for SEAPs
  - *need to interface with **multiple data providers***
- **Barriers to Regional & Local community data** exchange:
  - Data ownership, commercial sensitivity, data accuracy, data access
  - **Lack of energy data management skills** within public authorities
- **New paradigm for energy companies** (DSOs, TSOs, ESCOs,..)
  - Energy market liberalisation:
    - **Develop strong commercial relationship with local public authorities**
    - Propose new services
  - Need to optimize their investment for infrastructure
  - Comply with regulatory framework for data (EED)



# DATA4ACTION - Objectives

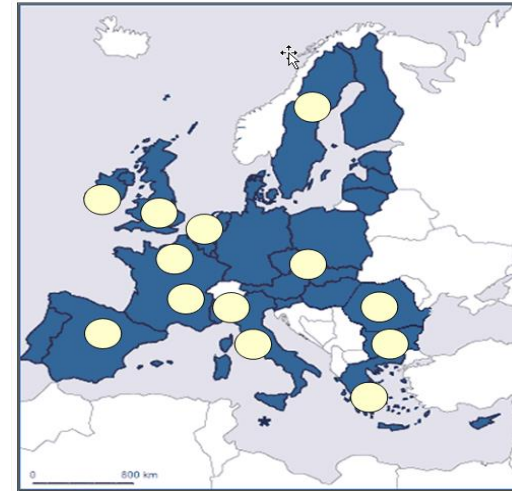
- Improve **public authorities access to local energy data** for Sustainable Energy Action Plan
- Foster **collaboration models in energy data exchange** between public authorities and energy data providers



By creating “one-stop shop” regional data centres for energy and GHG emissions monitoring and providing free data services to public authorities

# Project Consortium

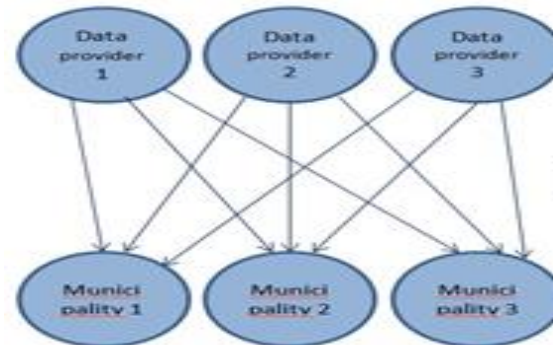
- ASSOCIATION RHONALPENENERGIE-ENVIRONNEMENT - **FR**
- KENT COUNTY COUNCIL - **UK**
- Energetická agentura Zlínského kraje - **CZ**
- AGENZIA REGIONALE PER L'ENERGIA DELLA LIGURIA - **IT**
- Conseil régional Nord-Pas de Calais - **FR**
- NORRBOTTENS ENERGIKONTOR - **SE**
- Agentia Locala a Energiei Alba-**RO**
- ENTE VASCO DE LA ENERGIA – **ES**
- IHOBE- **ES**
- Metropolitan City of Torino - **IT**
- ЕНЕРГИЙНА АГЕНЦИЯ ПЛОВДИВ - **BG**
- Carlow Kilkenny Energy Agency - **IE**
- ΕΝΕΡΓΕΙΑ-ΠΕΡΙΒΑΛΛΟΝ-ΤΟΠΙΚΗ ΑΝΑΠΤΥΞΗ ΑΝΩΝΥΜΗ ΕΤΑΙΡΕΙΑ - **HE**
- FEDERATION EUROPEENNE DES AGENCES ET DES REGIONS POUR L'ENERGIE ET L'ENVIRONNEMENT - **BE**



# Win-Win collaboration models

- Are being established between public authorities and energy data providers across Europe

- Bi-lateral agreements**



- Multi-lateral agreements**

3rd party: regional data centre or « observatory »  
gathering and processing data from several sources







# Regional energy and GHG emissions data centres



Co-funded by the Intelligent Energy Europe Programme of the European Union

# European presence

**More than 30 regional energy and GHG emissions data centres across Europe**

**Existing European network:**

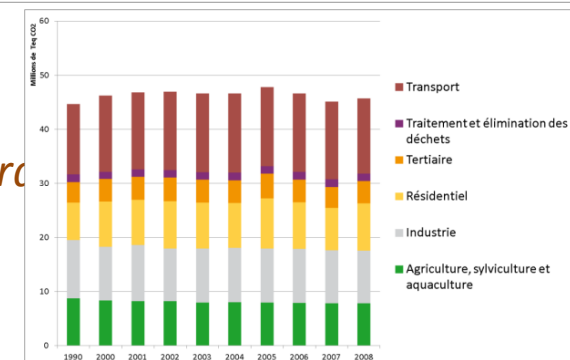
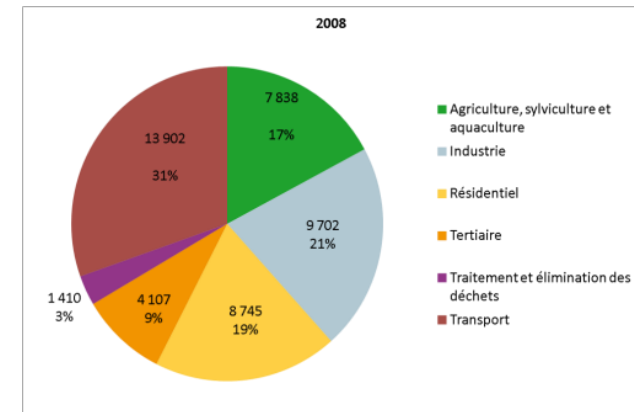
**ENERGee Watch**





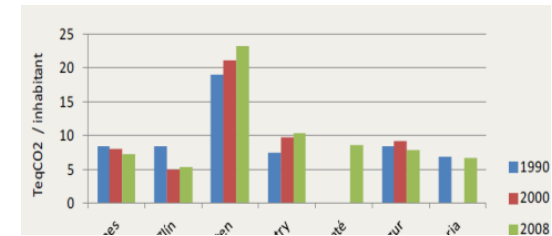
# What services do they offer?

- **Provide energy and GHG emissions data to public authorities for SEAPs planning, implementation and monitoring:**
  - *Baseline Emissions Inventory*
  - *Monitoring Emissions Inventory*
  - *Progress Based Indicators*
- **Set up partnership schemes with multiple energy data providers**
- **Provide technical data management services:**
  - *Facilitate data access, processing, modelling, data accuracy*
  - *Use methodologies for accounting GHG emissions based on International standards*
- **Communicate local data to public authorities and general public – web site**



# How do they operate?

- Structures governed by a **local consortium** involving **several data providers and public authorities**
- **Supported by regional public authorities** (CoM territorial coordinators)
- **Often integrated within existing regional organizations** (energy agencies, public authority, combined with existing monitoring organizations such as air quality)
- **Technical skills** in sustainable energy planning, data access and processing, partnership management
- Provide **community data and services** to public authorities free of charge

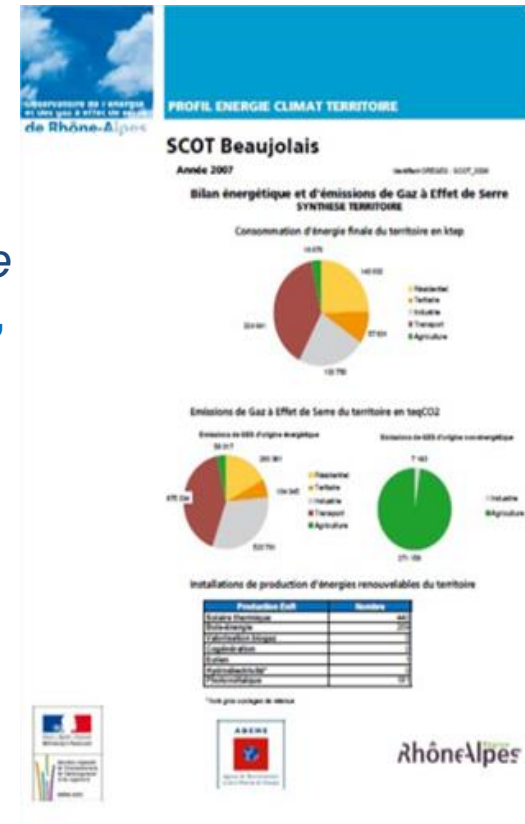


# Benefits

- **Provide « one-stop shop » services to public authorities**
- **Develop data management skills at regional and local levels contributing to better and more efficient energy planning**
- **Implement bottom up approaches complementing existing data exchange processes**
  - Surveys
  - Energy Management Systems
- **Mobilize key regional and local stakeholders in a joint initiative (RA, LA, Energy utility companies,...)**
- **Ensure coherence of local plans with regional/national objectives and plans (in sustainable energy but also in other areas such as air quality)**

# Success factors

- **Institutional support** (regional and local authorities)
- **Governance mechanisms** *following good governance principles: Transparency, Participation, Accountability, Effectiveness and Coherence*
- **Technical skills**
- **Communication strategy**



# You can engage in:

- **Participate in roundtables** about data exchange practices :  
EU roundtable in Brussels: 14 October 2015
- **Join the ENERGeE-WATCH Network**  
technical information about GHG emissions and energy measuring at regional and local levels - Now (free)
- **Participate in bi-lateral exchange programme:** 12 beneficiary partners outside the consortium : Open call: June-September 2015

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Project Website: [www.data4action.eu](http://www.data4action.eu)

ENERgee-WATCH network: [www.energee-watch.eu](http://www.energee-watch.eu)



## THANK YOU!



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