DAT4ACTION in Ireland, IE

Data Sharing: Key Issues & Local Needs

25th June 2015

Introduction

The main objective of the Data4Action project is to improve the access of local authorities to sustainable energy data. Energy agencies from eight different European regions participate in this project, which is funded by the Intelligent Energy Europe Programme. This document summarizes the situation and objectives of Data4Action in County Carlow and County Kilkenny. Ireland.

Figure 1 Local Capacity Building Event

Objectives

The main objective is to establish a Regional Energy Observatory, which will support the Local Authorities in the provision of accurate energy data for the region. This data will surpass the information obtainable at the national level as it will account specifically for direct use in the region.

Sharing information on sustainable energy in Counties of Carlow and Kilkenny, Ireland.

The Carlow Kilkenny Energy Agency (CKEA) is acting at the Regional facilitator for the Regional Energy Observatory. CKEA has commitment from both Carlow County Council and Kilkenny County Council with regards to provision of energy data for the Regional Energy Observatory. At present there is no accurate regional energy data available and during the course of the project, CKEA will be establishing a Regional Energy Observatory that will operate under the website www.energyhub.ie This website will facilitate stakeholders (local authorities, SMEs, utilities and interested bodies) to provide their own energy data, as well as to have access to accurate Regional Energy Data. Both Carlow County Council and Kilkenny County Council have signed to the Covenant of Mayors, which is a European initiative aimed at creating Sustainable Energy Action Plans for the region. Through the Covenant of Mayors, there is a requirement to provide an accurate baseline for CO_2 emissions, as well as an ability to measure and verify progress in the reduction of Co_2 emissions. The Carlow Kilkenny Energy Agency will disseminate this information via the regional energy observatory website, www.energyhub.ie, as well as through local capacity building events, regional engagement events and national events. Publications around the Regional Energy Observatory and the Data4Action project will also be issued via e-mail, newsletters, press releases and local marketing

Sources of information at local level

Energy	Sector	Information source	Quality
All Energies	Municipal facilities	This is available via the County Councils in the form of invoices.	Very high
Electricity	Per Region/ Per Meter	ESB Networks has capacity to provide this on an mprn basis (not yet engaged)	Very high
Natural gas	Per Region/ Per Meter	Bord Gais Networks has capacity to provide this on an gprn basis (not yet engaged)	Very high
Natural gas (unmetered)	All Sectors	Local Distributors have capacity to report what was purchased within the region (not yet engaged) – Currently National Data is used to estimate regional consumption, using auxiliary indicators	Medium
Diesel oil, gasoline	Transport	Top-down estimation knowing the total use at a provincial level, using auxiliary indicators.	Medium
Heating oil, LPG	All sectors	Top-down estimation knowing the total use at a provincial level, using auxiliary indicators.	Medium
Solar PV, Wind, Hydro	Electricity production	Estimation derived from a database of installed capacity per municipality	High

Main problems to overcome

Main Problems to Overcome	Proposed Solution
Poor Quality of Data	Predetermination of Data Provision Standards
Lack of Momentum	Clear strategic plan in place through Data4Action to ensure momentum
Engagement of Stakeholders	Regional Events and dissemination of data to ensure active engagement of stakeholders
Data Management & Commercial Sensitivity	Adoption of performance indicators that sanitize data and use of secure portals for data capture

Contact

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