A Regional strategy to support thermal renewables

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Castilla y León strategy to support thermal renewables (1/9)

Castilla y León in figures

- Third larger European region: 94,226 km² 18,6% of Spanish territory.
- Population: 2,5 M inhabitants (5,34% of Spanish population)
- 96,2% of the regional territory is rural
- 60% of the small and medium municipalities in Spain
- Industry: agro-food, automotive, chemical, energy, ....
Castilla y León strategy to support thermal renewables (2/9)

Why is RES H/C SPREAD important for Castilla y León

We are developing at the same time a regional global energy planning

It motivates us to deepen in three concepts

It continues the planning work done in the past
We are developing at the same time a regional global energy planning (1/1)

Regional interest in thermal uses

A cold and heat concerned region

An opportunity of jobs at retail level

It is the less developed RES use

It is cost competitive with fossil fuel

Considering lifetime

We will update regional energy efficiency plan by 2016

Biomass gathering

O&M works
It motivates us to deepen in three concepts:

1. The geographical analysis relevance
2. The importance of stakeholders' opinion
3. The importance of local entities

- Finding patterns of possibilities to install RES.
- Finding local synergies to be more efficient.
- Identifying critical masses to develop public actions
- Specially in a changing scenario.
- Several meetings in different thematic areas done.
- Integrated as a part of a continuous action
- Closest administrations to citizens and companies.
- Big and exemplary energy consumers.
- Supporting SEAPs and CoMs initiative
Castilla y León strategy to support thermal renewables (5/9)

It continues the planning work done in the past (1/1)

- Solar energy plan
  - Specially focused in technical aspects. 67,000 m² installed
  - Supported with more than 40 M€ in subsidies.
  - Included exemplary programs as solar in hospitals.

- Bioenergy plan
  - Fostered by agriculture, forest and energy regional Dpts.
  - Actions to reinforce weaknesses in biomass value chain.
  - Assuming drastic sector’s changes, the plan will be revised.

- Energy efficiency plan
  - Focus on municipalities, industry and tertiary.
  - A big challenge of 30% reduction.
  - Supported with more than 40 M€ in subsidies.
Castilla y León strategy to support thermal renewables (6/9)

Why we have developed a specific method (1/2)

Because we need qualitative assessment

That depends of building type
That considers the next decade evolution
That analyses different RES technologies
That analyses problems that concern specific areas or building types
To face the advices and challenges exposed by stakeholders
To specialize and make more efficient the regional energy policies
Castilla y León strategy to support thermal renewables (7/9)

Why we have developed a specific method (2a/2)

Formal thermal RES development Programme (1/3)

1. Introduction (European, national policies, qualitative objectives, etc)

2. To establish consumption / consumers categories

3. To characterize the public actions impact, once identified

4. To map and characterized the thermal energy demand
Why we have developed a specific method (2b/2)

Formal thermal RES development Programme (2/3)

7.- To set up the objectives
(Through feasibility of incorporating RES tech. in every consumption/consumer category)
Criteria: Technical / geografical / public resources / results

8.- To define more detailed public actions
(budget, financing, responsible, steps, monitoring procedures, human resources, etc.)

9.- Conclusions and “executive summary”
Why we have developed a specific method (2c/2)

Formal thermal RES development Programme (3/3)

- Writing first draft document with schedule and main concepts of the strategy (Pilot draft strategy v.0)
- Sending to methodology & control CGC
- Meeting round with methodology & control CGC (Feb’15)
- Setting up schedule and main concepts (Pilot draft strategy v.1)
- Sending to specific CGC

- Analysis feedback
- Writing Pilot strategy v.2 (without objectives)
- Meeting with all CGCs or on-line (May.’15)
- Sending to all CGCs
- Setting up ratios and basic concepts
- Writing Pilot strategy v.1 (without objectives)
- Meetings rounds with specific CGCs (Mar’15)

- Internal (by JCyL) definition of intensity of objectives and actions
- Writing Pilot strategy v.3 (with objectives)
- Sending to all CGCs
- Meeting with all CGCs (May.’15)
- Writing Pilot strategy v.4

- Formal endorsement
- Writing strategy
- Endorsed process by JCyL
- Writing Pilot strategy v.5
- Public allegations period
Thank you for your attention!

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