RES Heating and Cooling - Strategic Actions Development

RES.H-C.SPREAD

The RES H/C SPREAD project aims at developing six regional pilot plans in the field of the heating and cooling with renewable energies. The project involves six pilot Regions pertaining to as many European countries representing the EU main climatic zones, with a prevalence of the Mediterranean nations. The planning exercise aims at setting harmonized and standard baselines to better allow the developers to set their targets and policies. In each Region, Country Governance Committees will be constituted to support the plans implementation and to help reach the consensus on the proposed policies among the Regional Authorities, key stakeholders and citizens representatives. The plans will then developed in accordance with the regional demand for heating and cooling and, in particular, in line with the EED requirements, “optimize the utilization of locally available residual and waste sources of heat, cooling and RES through the use of district heating & cooling networks in areas of sufficient heat and cooling demand.

Results

- Provision of RES H/C development plans for six European Pilot Regions: Castilla y Leon in Spain, Emilia Romagna in Italy, Salzburg in Austria, Riga Region in Latvia, Western Macedonia in Greece and Rhodope in Bulgaria. The plans will be harmonized with the local SEAPs targets and will be consistent with the national strategies ad policies in order to serve as pilot case for the diffusion of this planning exercise among the country regions and, where relevant, at national level.
- Constitution of permanent “Country Governance Committees” in each of the participant regions with the aim: to provide guidance to the developers; to assess the plan implementation, including the monitoring phase; and, at the same time, to raise consensus and awareness among the involved stakeholders. These governance committees will be constituted by representatives of Regional Administration as well as by other local authorities, key stakeholders of the involved regions.
- Signature of the relevant regional authorities participating to the Country Governance Committees of a Memorandum of Understanding (MOU) for the actual implementation of the RES H/C plans at policy level.
- Production of general methodological and procedural guidance to help the regional authorities to map the demand and supply potential of their territory and be able to match demand and offer through cost benefit analysis in order to meet the Energy Efficiency Directive (with specific reference to Art. 14) as well as the Renewable Energies Directive requirements.
Lesson learned

- It is too early to extract any lessons.
- Last updated: 02.05 2014.

Partners and coordinator

| Institute for Studies of the Integration of Systems [1] | Italy |
| Ekodoma [3] | Latvia |
| ENTE PÚBLICO REGIONAL DE LA ENERGÍA DE CASTILLA Y LEÓN [4] | Spain |
| Italian Thermo-technical Committee [6] | Italy |
| Regional Development Agency of Western Macedonia [7] | Greece |
| Black Sea Energy Research Centre [8] | Bulgaria |
| Riga Planning Region [9] | Latvia |
| Association of Rhodope Municipalities [10] | Bulgaria |
| Regional agency for environmental protection in Emilia-Romagna Region [11] | Italy |

Contact

Institute for Studies of the Integration of Systems
Italy

Contact point

Name: Stefano Faberi
E-mail: sfaberi@isis-it.com
Tel: +39 06 3212655

Name: Stefano Faberi
E-mail: sfaberi@isis-it.com
Tel: +39 06 3212655

Budget

Overall budget: 1.238.215,00 € (EU contribution: 75,00 %)
In brief

Sector: Heating and Cooling

Duration: 01/03/2014 to 01/09/2016

Contract number: IEE/13/599/SI2.675533

Website: http://www.res-hc-spread.eu/

Tags:
- cooling
- heating
- renewable
- spatial planning
- Sustainable Energy Action Plan (SEAP)
- urban development

Media coverage

- Rinnovabili termiche, l’Europa crede nei buoni esempi [12]
  Tekneco - 01/09/2014

Related projects

- [REPOWERMAP [13]] A European map for renewable energies and energy efficiency
- [BioGrace-II [14]] Bioenergy Greenhouse gas emissions: Align Calculations in Europe
- [PELLETS@LAS [15]] Development and Promotion of a Transparent European Pellets Market ...
- [ECOHEAT4CITIES [16]] Ecoheat4Cities
- [ECOHEAT4EU [17]] ECOHEAT4EU
- [SOLARGE [18]] Enlarging Solar Thermal Systems in Multi-Family Houses and Hotels in Europe
- [ECOHEATCOOL [19]] European heating and cooling market study
- [STRATEGO [20]] Multi-level actions for enhanced Heating & Cooling plans
- [SDHPLUS [21]] New Business Opportunities for Solar District Heating and Cooling
- [RES-H POLICY [22]] Policy development for improving RES-H/C penetration in European Member...
- [GEODH [23]] Promote Geothermal District Heating Systems in Europe
- [BIO-HEAT [24]] Promotion of Short Rotation Coppice for District Heating Systems in...
- [SAHC [25]] Promotion of Solar Assisted Heating and Cooling in the Agrofood Sector
- [REGEOCITIES [26]] Regulations of Geothermal HP systems at local and regional level in Europe
- [REBECEE [27]] Renewable Energy and Building Exhibitions in Cities of the enlarged Europe
- [RESCUE [28]] REnewable Smart Cooling for Urban Europe
- [SMARTREFLEX [29]] Smart and Flexible 100 % Renewable District Heating and Cooling Systems...
- [URBANSOLPLUS [30]] Solar Thermal in Major Renovations and Protected Urban Areas
- [UP-RES [31]] UP-RES Urban Planners with Renewable Energy Skills