

The role of the regions in the achievement of the 2020 European objectives

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CA ESD Warsaw,
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“I understand that international cooperation is a very difficult task, but it must be undertaken even if it requires immense effort and genuine devotion”

Marie Skłodowska-Curie
at the League of Nations

Contents of the presentation



- ENNEREG project and the Regions 2020 network
- Lessons learned and reflections after the work carried out in the ENNEREG project
- Conclusions

Introduction to the ENNEREG Project

ENNEREG is a project supported by the Intelligent Energy Europe, 1 May 2009 - 1 May 2013

Overall objective:

- Develop sustainable energy action plans for 12 European regions in conjunction with implementation of specific sustainable energy measures



ENNEREG – Intervention in Partner Regions

ENNEREG Intervention

- Helping to fine-tune the region's goals and actions & engaging stakeholders
- Supporting CoM
- Fostering investments via targeted assistance

ENNEREG Regions: Starting point

- Existing regional goals & action plans
- EU, national and local energy programmes
- Ongoing activities in the region's communities
- Existing competences & experiences
- Stakeholders in both public and private sector

ENNEREG – Replication of results

Sharing experiences

- Ensure that the experience obtained in the course of the ENNEREG action is passed on to other regions in a 'hands on' manner.
- Twinning arrangements between partners of ENNEREG and regions outside the consortium in order to replicate the action's most promising approaches and concepts.
- Involvement via meetings and workshops with ENNEREG and other European energy networks.

What is Regions 202020 Network?

The **Regions 202020 Network** acts as an enabling environment to inspire EU Regions to take up the challenges of fulfilling the European Union's 20-20-20 climate and energy targets.

It enables Sustainable Energy **Stakeholders** to **exchange experience** and **promote** their actions

What is Regions 2020?

Stakeholders can promote their activities through the website:

- ❖ Adding a **Region or Community**
- ❖ Adding a Profile Page for an **Organisation**
- ❖ Adding **Resources**, such as **SEAPs** , tools and methodologies, good practices, images, documents, etc.

About Rhône-Alpes

Energy in Rhône-Alpes

Vision & Planned Activities

Regional Stakeholders

Rhône-Alpes Facts & Figures



Size: 43 698 km², 8% of France surface

Inhabitants: 6,208,000 (2010)

Location: South east of France

Category: [ENNEREG Pioneer](#)

Sustainable Energy in Rhône-Alpes



Nursery in passive standard in savoie/photo RAEE-EV

The Regional Council's policies cover a wide range of fields. However, the Region's main responsibilities primarily concern:

- High schools and apprenticeship.** The Rhône-Alpes Region funds the construction and maintenance of high schools across its territory, looks after their operating budgets and purchases educational materials such as IT and audiovisual tools.
- Vocational training.** Universal access to lasting employment is the Regional Council's number one objective. It funds further training courses for young people and adults, provides Rhône-Alpes citizens with support and assistance in their career and job changes.

Regional SEAP

Links & Resources

Presentations

News Articles

Forthcoming Events

Past Events

Regional e-Bulletins

» [Click here to Subscribe](#)

News Articles

Schéma Régional Climat Air Énergie (SRCAE) Rhône-Alpes

Sustainable Energy
Communities NEWS Issue 2
Summer 2011 - EN
[View the article »](#)

ENNEREG - Regions 2020 paving the way for a Sustainable Energy Europe

Sustainable Energy
Communities NEWS Issue 1
Autumn 2010 - EN

www.regions2020.eu

Sustainable Energy Themes

On this page:



About Sustainable Transport

Technological & Instrumental Solutions

What Your Region Can Do!

Good Practice Examples

Transport Initiatives

Presentations

Images & Videos

EU Policy & Legislation

Policy & Legislation Resources

Other Related Links & Resources

Forthcoming Events

Past Events

Sustainable transport and mobility management



Show case – Public Transport in Kaunas: Electricity driven trolley-bus.
Photographer: Sigitas Masaitis for ENNEREG project. Copyright ENNEREG and LEI.

About Sustainable Transport

Did you know that...

- transport is the fastest growing sector in terms of CO₂ emissions
- in the European Union, transport is the only sector that has increased its CO₂ emissions since 1990
- transport is currently almost exclusively dependent on oil
- the European Commission hopes that the share of biofuels in overall fuel consumption will be 10% by 2020.

Also see:

« Sustainable Energy
Eco-driving »
Electric vehicles »

ENNEREG Topic Leader:

Sofia Energy Centre Ltd
Bulgaria

Ivanka Pandelieva - [Email](#)

Forthcoming Events

Sustainable Mobility
Atelier Mobilité Durable

19 October 2011, 14:00-16:00,
Lyon, France

Further information »

This conference on sustainable mobility has been organised by **Rhône-Alpénergie-Environnement (RAEE)** and the **Rhône-Alpes Region** within the framework of the European project **ClimactRegions**.

Transport is the sector that

ENNEREG - Coming in 2012

- **Inspiration Guide to becoming a Sustainable Energy Region:**
 - 4 Steps to producing a Regional SEAP
 - Good Practice Case Studies
 - Experiences from Pioneer Regions
 - Tools & Methodologies
 - Presentations
 - Publications, Websites and Resources

www.regions2020.eu

Newsletter in multiple languages



Sustainable Energy Communities NEWS



- EN - English
- (Language)
- BG - Български
 - CA - Català
 - DE - Deutsch
 - EN - English
 - EL - ελληνικό
 - ES - Español
 - FR - Français
 - HR - Hrvatski
 - IT - Italiano
 - LT - Lietuvių
 - PL - Polski
 - PT - Português

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ENESCOM



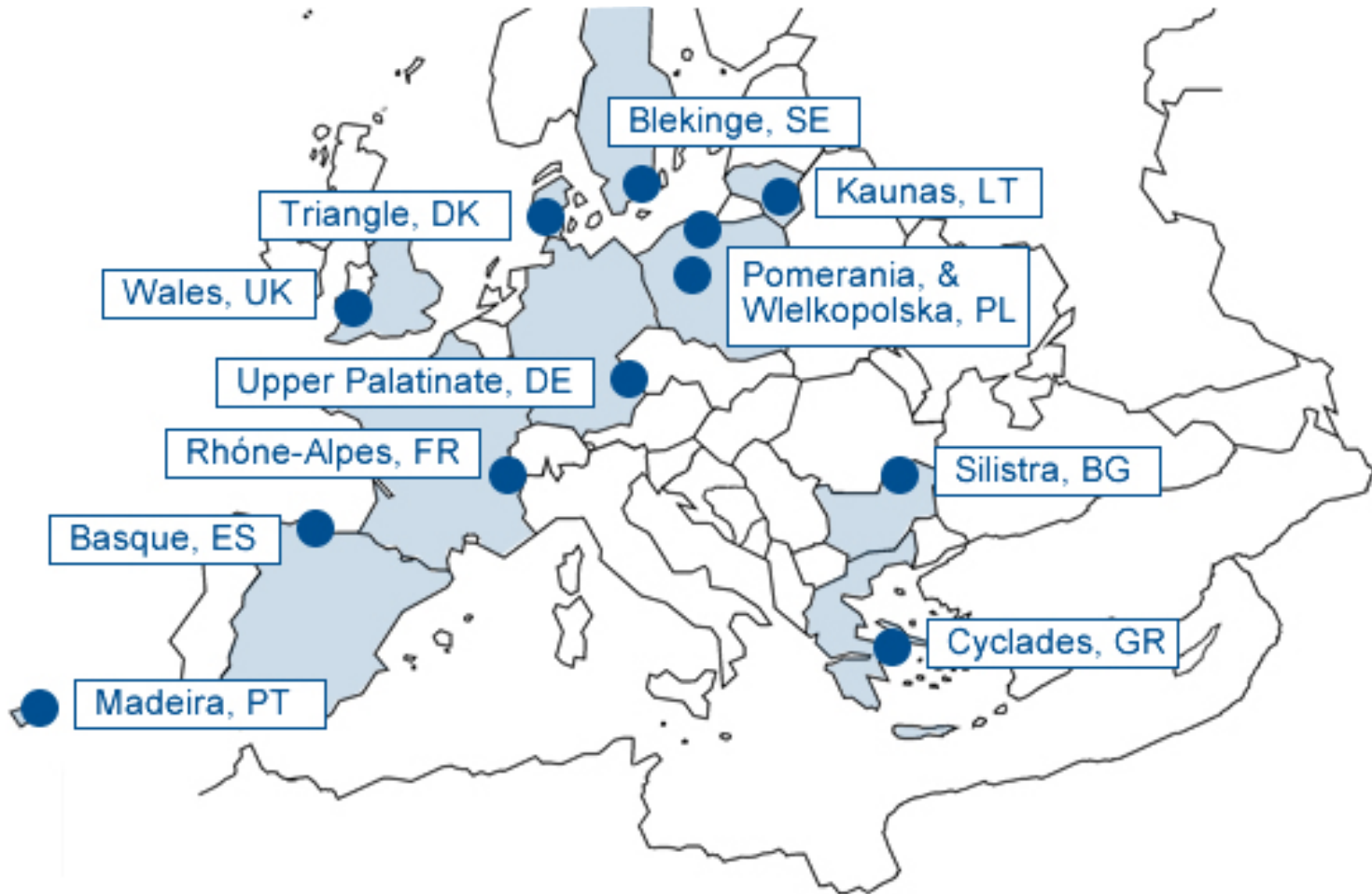
Issue 2 Summer 2011

In Autumn 2010, [Issue 1](#) of **Sustainable Energy Communities NEWS** introduced the five Intelligent Energy - Europe (IEE) **Sustainable Energy Communities (SEC) projects** that have joined forces to promote innovative local action to inspire cities and regions to meet EU targets for 2020 on greenhouse gas emissions, energy efficiency and use of renewable energy.

This second newsletter provides an update on the activities of the five projects - *ENNEREG*, *Energy for Mayors*, *City_SEC*, *come2GoM* and *ENESCOM* - during their first year since May 2010, highlighting specific actions in Regions and Communities throughout Europe.

Image: Bioclimatic architecture at Naxos island. © Ministry of Culture and Tourism

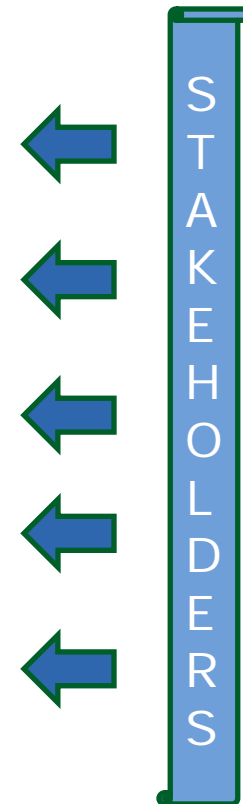
Regions participating in the Ennereg project



Approach for the regional SEAP



- Planning and organization
- Regional energy survey
- Vision, objectives
- Definition of Action Plan
- Financial resources
- Plan Approval
- Implementation
- Monitoring



Regional SEAP

Initial survey on the energy framework



- Assessment of regional conditions: Trends, potentials, framework, plans
 - Sectors: industry, buildings, transport, primary
 - Energy infrastructures: gas, electrical, other
 - Renewable energy: Wind, PV, solar thermal, other.
- Learn about European and National plans and goals
- SWOT

Regional SEAP

Establishment of initial goals



- Long term vision and goals are required
- Aligned with EU objectives to 2020
... and with national objectives
- Climate change is a lever for pushing forward energy objectives

Be ambitious and realistic

- Modeling tools are needed

Stakeholder network

Identify
stakeholders

- Big industry, industrial clusters
- Utilities
- National to local Administration
- Social organizations (associations, NGO)
- Energy users
- Promoters of projects (investors, financial institutions...)

Define
communication
tools

- Meetings
- Regional workshops
- Steering committee
- Public participation

Obtain feedback

Consulting

Decision

Action

Regional SEAP: policies and actions

Areas of action

- Buildings sector
- Transport
- Renewable energy sources
- Administration sector
- Utilities, energy supply, distribution
- Coordination of municipalities
- Urban & land use planning
- Industry, SME

Policies and measures implemented through:

- Regulation
- Public promotion of projects and infrastructures
- Public-private partnerships
- Financing
- Education
- Communication

Lessons learned - Drivers for the SEAP process



- The NEEAP and NREAP are often strong drivers for the SEAP
- High prices of energy
- Climate change
- High potential of local renewable resources in some regions
- Positive reception in regional organizations
- Structural funds for investments
- Examples of pilot projects in the region
- Activities of investors from private and public energy sectors in implementation of RES and EE projects
- Energy Action Plan advisory to other region/municipalities
- The need for inter-communal cooperation
- High potential for refurbishment of buildings

The Regions build their SEAP on the European & National Framework

The EC acknowledges the role of the regions in the achievement of the 2020 objectives

But...

- Energy Service Directive 2006/32/EC
- Renewable Energy Directive 2009/29/EC
- European Financing Instruments
-

Energy Service Directive 2006/32/EC

- Art. 5 "...Member States shall ensure that **energy efficiency improvement measures are taken by the public sector**, focusing on cost-effective measures which generate the largest energy savings in the shortest span of time. Such **measures shall be taken at the appropriate national, regional and/or local level**, and may consist of **legislative initiatives and/or voluntary agreements**, as referred to in Article 6(2)(b), or other schemes with an equivalent effect..."

Renewable Energy Directive 2009/29/EC



- Art. 4 “Each Member State shall adopt a **national renewable energy action plan** [...] and adequate measures to be taken to achieve those national overall targets, including **cooperation between local, regional and national authorities.**”
- Article 13-3. “Member States shall **recommend** to all actors, in particular local and regional administrative bodies [...] Member States shall, in particular, **encourage local and regional administrative bodies to include** heating and cooling from renewable energy sources in the planning of city infrastructure, where appropriate.”

European Project Financing Instruments at regional level

- Regional policy funds: European Regional Development Fund, Cohesion Funds...
- New financial instruments: Jaspers, Jessica...
- Interreg program to stimulate cooperation between regions
- Intelligent Energy Europe: Save, Altener, Steer,
- Elena Facility, EEEF
- 7FP

European Project Financing Instruments at regional level



- Proposal for a regulation concerning the **European Regional Development Fund 2014-2020**
 - Priority 4 of 11: supporting the shift towards low carbon economy in all sectors:
 - promoting the production and distribution of RES
 - promoting energy efficiency and RES in SME
 - supporting energy efficiency and RE use in public infrastructures and in the housing sector
 - developing smart distribution systems
 - promoting low carbon strategies for urban areas

Networks for the Regions



EUROPEAN UNION



Committee of the Regions

THE CLIMATE GROUP



energycities



ERRIN European Regions
Research and Innovation Network

Lessons learned from ENNEREG Project



Problems encountered in the SEAP process

- No regional obligations from National regulations and EU Directives
- Lack of political support
- Financial suffocation of local governments
- Mobilisation of civil society, low level of public awareness
- Adaptation of administrative structures
- Pressure from power sector on energy-intensive development
- Cheap coal and energy from coal in some regions
- Long time to start projects,
- Lack of public acceptance of some projects (wind)
- Changing regulatory environment (RES)

Lessons learned from ENNEREG Project



Problems encountered in the SEAP process (contd.)

- Lack of technical background at different levels
- Data not available, data gathering is time consuming, much time used to clarify the data requirements and identify organizations who supply the data
- High quality data is not easy to get.
- Problems with confidentiality of data.

SEAP 2011-2020 in the Basque Country, Spain

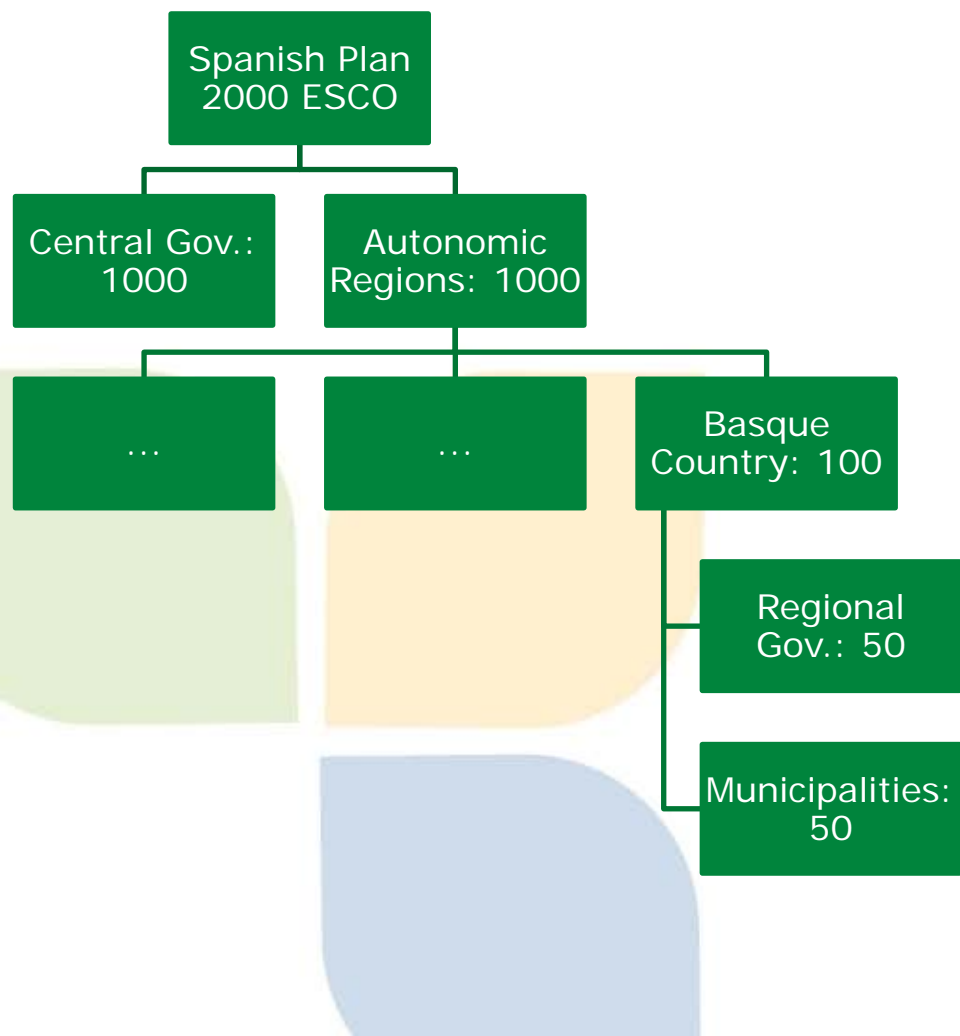


Objectives of the
Basque SEAP 2020 -

- 14% renewable
- 18% CO2 reduction
- 17% energy saving

140 actions in promotion of energy efficiency renewable energy in final consumer sectors, municipalities, smart grids, technological development...

Support of ESCO at regional level. Basque Region



Role of the Reg. Government

- Explain the Regional Plan to local actors
- Identify units of potential action
- Technical support
 - Audits
 - drafting contracts
 - evaluation of proposals
- Financial support

Conclusions

- Not all regions have the same interest
- It is necessary to promote a higher degree of compromise on sustainable energy for the regions, not only on a “voluntary” basis.
- Other specific problems at regional and local level:
 - Lack of local data on energy use
 - Need of technical support at local level, training
 - Lack of financial capacity

EVE and the ENNEREG Project invites CA-ESD to organize a meeting in Bilbao in relation with the International Conference of Regional Agencies and the 30th Anniversary of EVE



7-8th Nov 2012, Bilbao

Thank you

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