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Public Administration Training and Coaching on Renewable Energy Systems



Deliverable D 5.1

Selection of 26 Pilot Action



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Selection of 26 Pilot Action

According to the criteria defined in task 1.1 (WP 1), each partner selected in its country the following pilot action :

- **Austria: 5**
- **Croatia:4**
- **Czech Republic:3**
- **Italy: 5**
- **Romania:4**
- **Spain:5**



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Pilot Action National Report STENUM - AUSTRIA



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Pilot action 1

Title: BADENER SONNENKRAFT

Institutions involved: Municipality of Baden, Immobilien Baden GmbH,
Sparkasse Baden

Objective: Development of a contracting model with public participation (capital investment of EUR 500,- per PV module, handling by the bank, insert rate of 3,5 % per year). Installation of a 60 kW photovoltaic plant on public buildings

Expected results: New regulation for RES (public procurement) approved



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Pilot action 2

Title: SEAP Villach

Institutions involved: Municipality of Villach, Resource Management Agency Carinthia (RMA), Gemeinnützige Bau-, Wohn- und Siedlungsgenossenschaft

Objective: Drafting of energy guidelines and a regulation for sustainable building based on an existing regulation from 1994 with the focus on the implementation of RES in buildings

Expected results: SEAP, improved regulation for introduction of RES in buildings



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Pilot action 3

Title: Renewable Energy Vision - REV

Institutions involved: (Allianzregion Südkärnten) Völkermarkt, Eberndorf, Feistritz ob Bleiburg, Gallizien, Globasnitz, Sittersdorf, Bleiburg, Eisenkappel

Objective: Introduction of RES, implementation of an energy management system acc. to ISO 50001, improvement of the energy efficiency, guideline for green procurement, transport concept, increase of connection to district heating

Expected results: new regulation for public procurement and the introduction of RES are approved



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Pilot action 4

Title: Energy action plan

Institutions involved: Municipality of Lieboch, Grambach, Bad Radkersburg , Elektrizitätswerke Bad Radkersburg GmbH

Objective: Implementation of EMAS (Energy and environmental policy, Energy saving plan, energy controlling)

Expected results: SEAP (Lieboch), one new regulation for energy monitoring and introduction of RES (Grambach)



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Pilot action 5

Title: Energy plan Graz 2015

Institutions involved: City of Graz, Energie Graz (public utility)

Objective: Drafting a new regulations according to the energy action plan 2015 for the introduction of RES in buildings

Expected results: one or two new regulation for the introduction of RES in municipality buildings (guideline to fund solar plants, district heating)



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University of Rijeka - Croatia



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Pilot action 1

Title: Model procedure for obtaining the status of eligible electricity producer from PV panels installed on roofs

Institutions involved: City of Krk

Objective: To simplify procedures for eligible renewable energy producer.

Expected results: Model procedure for obtaining necessary authorizations to become eligible producer of electric energy.



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Pilot action 2

Title: RES subsidies

Institutions involved: County of Primorje and Gorski kotar, Regional energy agency Kvarner, Crikvenica, Krk, Delnice, Kastav, Novi Vinodolski and other municipalities (21 in total among cities and municipalities)

Objective: Standardized regulation for the allocation of RES subsidies

Expected results: Production of a standard regulation for the allocation of RES subsidies, facilitate for local governments to implement the subsidy programme



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Pilot action 3

Title: Signing the Covenant of Mayors and assistance in SEAP production

Institutions involved: City of Krk, City of Kastav

Objective: Production of SEAP, approved by the Mayor and the city council.

Expected results: Applicable measures by which the local authority will increase the use of RES, both in public building sector and the households.



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Pilot action 4

Title: Spatial planning regulation

Institutions involved: Institute for physical planning of the County of Primorje and Gorski kotar

Objective: RES Spatial planning regulation in the process of choosing locations for the installations of RES plants as a model to follow.

Expected results: A model procedure to follow for predicting locations for solar farms in spatial plans, as well as a spatial plan, which represents an improved regulation in wide spread usage of RES.



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Czech Republic - ENVIROS



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Pilot action 1

Title: Model reconstruction of a public building with the integration of RES, possibly financed through EPC, to be used as example of GPP

Institutions involved: Moravian-Silezian region

Objective: Outcomes will be used as an example of other GPP projects in the region

Expected result: Example of GPP- Feasibility study as example for other public buildings in the region



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Pilot action 2

Title: Renewable energy concept for the town of Kopřivnice

Institutions involved: City council of Kopřivnice

Objective: Develop an action plan / guidelines for the development of the renewable energy potential in the municipality

Expected result: action plan



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Pilot action 3

Title: Assistance with the development of a SEAP of the cities recently joining the Covenant of Mayors

Institutions involved: City of Ostrava, city of Hlinsko, municipality of Uvaly (all three signed the Covenant end of 2011 / early 2012)

Objective: Preparation of a SEAP for the signatory cities

Expected result: Guidance with working out a SEAP for the city → city will be able to complete the SEAP



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Pilot Action National Report
AREA Science Park
Italy



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Pilot action 1

Title: RESEA - A4

Institutions involved: ARES FVG (Regional Sustainable Building Agency), Municipalities of Arzignano, Eraclea, Marcon, San Daniele del Friuli, Trieste, Camposanpieresese Federation of Municipalities (11 municipalities)

Objective: Drafting model building regulations to foster the introduction of RES systems in buildings, energy and environmental sustainability.

Expected results: 17 building regulations approved



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Pilot action 2

Title: RTS

Institutions involved: Municipalities of Ravenna, Forlì, Novate Milanese, GEOVEST (11 municipalities) + Abbiategrosso (uditor)

Objective: Drafting of a model annex to building regulations for energy and environmental sustainability of urban planning and building constructions measures with a focus upon RES systems

Expected results: 3-4 building regulations approved



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Pilot action 3

Title: AIEA 2020

Institutions involved: Molise Region, Province of Foggia (+ 38 municipalities) , Municipalities of Bari (+ 30 Area Vasta di Bari), SEL (Società Energetica Lucana) and Calvello

Objective: drafting of energy and environmental annex to building regulations for EE and the introduction of RES

Expected results: min. 3-4 building regulations approved; very high potential due to strong direct political influence



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Pilot action 4

Title: San Daniele ZERO+ Towards a self-sufficient Municipality

Institutions involved: Municipality of San Daniele

Objective: increasing energy efficiency and implementing RES usage in buildings owned by the Council (17% energy needs self-satisfied); obtaining appealing and efficient residential, commercial and industrial buildings through the revision of the building regulations;

Expected results: 1 new/improved regulation for EE and RES; 1 new internal regulation for GPP



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Pilot action 5

Title: SEAP Trieste

Institutions involved: Municipality of Trieste

Objective: development and approval of SEAP

Expected results: 1 SEAP



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PUB - Romania



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Pilot action 1

Title: PLEEN 2020 - Local Plan for Energy Efficiency - District Bucharest 3

Institutions involved: Bucharest

Objectives: Energy security through local initiative. Alignment of the Local Energy Efficiency 2020 to national initiatives; Increase public investments concerning the creation of renewable energy production systems; Housing energy efficiency of District 3 by increasing the energy efficiency of new and existing buildings; Introduction of RES in buildings; Promoting energy efficiency measures and use of renewable energy resources; Implementation of green public procurement; Participation in the Covenant of Mayors

Expected results: Regulation concerning introduction of RES in buildings; Green Public Procurement; Covenant of Mayors



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Pilot action 2

Title: Covenant of Mayors – new Romanian signatories

Institutions involved: Energy Management Agency Brasov; Deva City Hall; Environmental Protection Agency Hunedoara – Deva

Objectives: To provide technical advice to the local authorities – Deva City Hall – to prepare a baseline emissions inventory and adopt a Sustainable Energy Action Plan (SEAP) in order to reach the CO₂ reduction by 20% by 2020.

Deva city – Signatory of Covenant of Mayors

Expected results: Deva – Signatory of Covenant of Mayors (Already achieved – September 2011) SEAP Deva city – in development



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Pilot action 3

Title: Creating Zlatna Local Energy Action Plan

Institutions involved: Zlatna Municipality; Alba Local Energy Agency – ALEA

Objectives: creating of necessary municipal structures for developing of COMA project in Zlatna City; creating of relevant energy consumptions database in city's area; setting up of Baseline Emission Inventory for Zlatna; setting up of Zlatna Local Energy Action Plan.

Expected results: Approved SEAP for Zlatna Municipality



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Pilot action 4

Title: Green Public Procurement Guide for Maramures County Council

Institutions involved: Energy Management Agency of Maramures; Maramures County Council

Objectives: The focus of the Guide will be on green products, energy efficiency and integration of RES in buildings and installations: integration of RES installations in buildings or other facilities; green products (e.g. recycled paper and other stationary and goods made from recycled or biodegradable materials); low energy consumption IT equipment and appliances, energy efficient lighting systems; energy saving systems; energy auditing and energy certification of buildings; energy efficiency of buildings

Expected results: Guide for green public procurement



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Pilot action 1

Title: Energy at home: RES and EE in buildings in the region of Huelva

Institutions involved: Regional government of Huelva, Municipalities of Cortegana, Bollullos del Condado, Trigueros, Almonte, Villamanrique

Objective: Meet the objectives of SEAP presented some months ago by means of the promotion of renewable energy systems and energy efficiency in some buildings.

Expected results: some municipalities adopting the regulations



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Pilot action 2

Title: Improve energy management in the Province of Huesca using RES and EE measures

Institutions involved: Huesca Regional Government, Municipalities of Tardienta, Benabarre, San Esteban de Litera and Alquezar.

Objective: To get Huesca Government to become a Supporting Structure of CoMa and get several municipalities of Huesca to sign the CM. Elaboration of SEAPs as a result. To develop local legislation to improve the energy management.

Expected results: Some municipalities signing of the CoMa and beginning the procedures for SEAPs.



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Pilot action 3

Title: Integration of RES in buildings in the region of Zaragoza

Regional government of Zaragoza (DPZ): To develop local regulations to promote renewable installations in buildings in the modality of net metering and to support the regional government to become a supporting structure of the CoMa to promote it in the region

Expected results: some municipalities signing of the CoMa

Zaragoza Buildings Public Company: To promote a Green Public Procurement model on the basis of a contracting procedure whereby three solar pv installations (20 kWp each one) will be created in three different public buildings.

Expected results: one GPP regulation

Local regulations are being developed to promote renewable installations in the region. A Royal Decree is expected to allow the operation of renewable installations in net metering modality. A day of presentation will be organized to disseminate this legislation in the municipalities.

Expected results: some municipalities adopting the regulations



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Pilot action 4

Title: Improve energy management in the City of Soria promoting RES and EE in public installations.

Institutions involved: City Council of Soria

Objective: Develop local regulations to promote RES and the improvement of energy efficiency in public lighting.

Resume:

1) To improve energy efficiency in Soria by replacing all lightings by LEDs, through an ESCO subcontracting model. (**expected results: GPP**)

2) Use of RES in high demand municipal buildings, by use of biomass boilers for heating. (**expected results: GPP**)

3) Modify existing regulations on RES exploitation. (**expected results: one modification of the local regulations on RES**)



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Pilot action 5

Title: Local legislation to improve energy management in the Municipality of Andorra by introducing RES

Institutions involved: Municipality of Andorra

Objective: To promote the integration of solar thermal systems and the improvement of public lighting

Expected results: one municipality adopting the regulations



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