

WP3 RES-e REGIONS: EVENT DESCRIPTION
TRAINING FOR LOCAL ACTORS IN SEVILLE
Agencia Andaluza de la Energía (Andalusian Energy Agency)



Title: Technical Meeting: “Renewable Energies and Energy Efficiency. Energy Management Tools for Municipalities”

Date & location: 19th December 2006, 9:00h-18:00h, Sala Arquímedes, Pabellón de Italia, Isla de la Cartuja, Sevilla, 41092

Organiser: Agencia Andaluza de la Energía (Andalusian Energy Agency)

Short description: The training session undertakes the importance of the energy management of a municipality both from an energy saving and efficiency point of view: public lighting installations, town facilities, improvements in electricity billing etc, as well as from a renewable energy point of view: thermal solar, pv, biomass, mini-hydro and wind etc.

Background: Facing the need for planned local energy management which includes an integrated view of the implementation policies of renewable energies and energy efficiency, a training session has been organised by the Andalusian Energy Agency to train the municipal experts/responsibles, as well as interested engineering companies and consultants who work in energy management projects, in the Autonomous Community of Andalusia, with detailed information on renewable energies and energy efficiency.

Aim & programme: The training session, organised by the Andalusian Energy Agency (Agencia Andaluza de la Energía), with the collaboration of ANDANER (local and regional Andalusian Energy Agencies), completes the training of experts in the use of energy management tools for municipalities. During the introduction to the meeting, Maria Luisa Borra Marcos presented the objectives and results of the RES-E Regions project, in what concerns energy management in municipalities, María Jesús Pérez-Solano presented solar PV and thermal energy and Sara Robles presented biomass. As shown below, the different computer management tools were then presented to the attendants and a time period for consultations was reserved for the end of the meeting.



Programme

9:00 – 9:30
DOCUMENTATION

9:30 – 9:50
INTRODUCTION TO THE TECHNICAL MEETING
María Luisa Borra Marcos, Andalusian Energy Agency (Agencia Andaluza de la Energía).

9:50 – 10:10
SOLAR THERMAL & PHOTOVOLTAIC ENERGY: EXAMPLES OF ITS USE IN ANDALUSIA
María Jesús Pérez Solano, Andalusian Energy Agency (Agencia Andaluza de la Energía).

10:10 – 10:30
BIOMASS ENERGY. EXAMPLES OF ITS USE IN ANDALUSIA.
Sara Robles, Andalusian Energy Agency (Agencia Andaluza de la Energía).

10:30 – 11:30
ELECTRICITY RATES/GEFAEM
Virginia Fernández, Andalusian Energy Agency (Agencia Andaluza de la Energía).

- Introduction to the electricity market.
- Tariff structure.
- Low and high voltage tariffs.
- Complements applicable to the different tariffs.
- Publication of prices in December/June.
- New proposals to be applied as of 1st July 2007.
- GEFAEM.

11:30 – 12:00. Coffee Break.

12:00 – 13:00
INVENTORY OF PUBLIC FACILITIES IN MUNICIPALITIES
Virginia Fernández, Andalusian Energy Agency (Agencia Andaluza de la Energía).

Need for Inventory.

- Elements that make up the Inventory:
 1. Measuring modules.
 2. Control centre.
 3. Circuits.
 4. Areas of lights /Traffic lights.
 5. Other elements.
- INVIEM



13:00 – 14:00

ANALYSED MEASURES FOR IMPROVEMENTS IN PUBLIC LIGHTING

Luis Riobóo, Andalusian Energy Agency (Agencia Andaluza de la Energía).

- Substitution of lamps.
- Incorporation of double level ballasts.
- Incorporation of stabilizers and stabilizers-reducers.
- Operation/Control elements.
- Actions in traffic lights.
- SICAP.

14:00 – 16:00. LUNCH

16:00-16:30

“POCKET PC” TOOL

Luis Riobóo, Andalusian Energy Agency (Agencia Andaluza de la Energía).

- “Rosmiman Mobile”.
- “Sincronizar”.
- Cartography/Maps.
- Inventory tool.

16:30 – 17:00

TOOL FOR CARTOGRAPHIC UPDATING

Luis Riobóo, Andalusian Energy Agency (Agencia Andaluza de la Energía).

- Working of the “CARTOMOD” tool using examples.

17:00 – 18:00

PRACTICAL QUESTIONS

In case needed, time available for all questions that have not been answered during the meeting.

Results, follow-up: Another two training sessions have taken place in Granada and Jerez de la Frontera (Province of Cádiz) covering the Autonomous Community of Andalusia.

For more information: www.juntadeandalucia.es/agenciadelaenergia



List of Participants:

Name	Institution
Acosta Cabanillas, Guillermo	Agencia Provincial de la Energía de Huelva
Ariza, Javier	Agencia Andaluza de la Energía
Barber, Julie	Agencia Andaluza de la Energía
Borra Marcos, María Luisa	Agencia Andaluza de la Energía
Briales Guerrero, Jaime	Agencia Municipal de la Energía de Málaga
Caballero Sanguino, Tomás	Sociedad de Planificación y Desarrollo (SOPDE, S.A.)
Cantero Rodríguez, Sergio	Agencia Provincial de la Energía de Cádiz
Celaya, Paco	IDP
De la Rubia Jiménez, Fernando	
de Miguel Gómez, Jesús David	Diputación de Córdoba
Domínguez Ruso, Angel	Agencia Provincial de la Energía de Cádiz
Egea Suarez, Salvador	Agencia Provincial de la Energía de Cádiz
Esteban López, Gonzalo	Agencia Provincial de la Energía de Granada
Fernández Garcia, Virginia	Agencia Andaluza de la Energía
Fernández Hormigo, Esteban	Diputación de Córdoba
Galeote Garrido, Manuel	Agencia Municipal de la Energía de Málaga
Gallego Gómez, Gustavo	ALCARE CONSULTORIA INTEGRAL
Garrido López, Ana	TECNOAMBIENTE
Golfe Ariete, Laura	Técnico de Gestión Ambiental, empresa EYGEMA
Gómez Torres, Silvia	Innoben (Innovación Benalmádena) Agencia Local de la Energía de Benalmádena
Hoyos Pérez, Francisco	
Medina Iglesias, Montserrat	EASY INDUSTRIAL SOLUTIONS
Moniz, Carmen	OMICRON AMEPRO
Muñoz Enguidanos, Oscar	GEA S.L.L.
Paniagua Muñoz, Enrique	Director Técnico de EYGEMA
Pajero Dueñas, Daniel	
Palacios Carrasco, Alfonso	Agencia Municipal de la Energía de Málaga
Pérez-Solano, María Jesús	Agencia Andaluza de la Energía
Pérez Torres, Antonio	Diputación de Córdoba
Ramos Burrero, Raul	Agencia Provincial de la Energía de Huelva
Riobóo, Luis	Agencia Andaluza de la Energía
Robles, Sara	Agencia Andaluza de la Energía
Rodríguez, Fernando	Innoben (Innovación Benalmádena) Agencia Local de la Energía de Benalmádena
Salas, Mar	OMICRON AMEPRO
Velázquez Sánchez, M ^a Carmen	Agencia Andaluza de la Energía