



## SUPPORT\_ERS

### Optimisation of Support Schemes for Renewable Energy Sources for Electricity Generation, Heating and Cooling

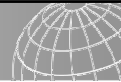
Kick-off Meeting, 8-9th November 2007, Zagreb

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### The Challenges (1)



- Hot topics:
  - Security of energy supply
  - Climate protection
  - Promotion of the use of renewable energies
- Ambitious renewable energy targets on EU level for 2020
  - 30% reduction in greenhouse gas emissions (internal agreement; unilaterally 20%)
  - 20% of the EU's energy consumption saved
  - 20% (binding) share of renewable energies in overall EU energy consumption
  - 10% (binding minimum) share of biofuels
- Development of a comprehensive renewable energies Directive (to be proposed in January 2008, part of the new climate and energy package)

## The Challenges (2)

- Different effectiveness of national support mechanisms for RE electricity generation (Assessment of support instruments 2005 - COM(2005) 627 final)
  - Administrative barriers hinder broad RE penetration
    - » *Large number of authorities involved and lack of coordination between them*
    - » *Long lead times needed to obtain necessary permits*
    - » *RES insufficiently taken into account in spatial planning*
    - » *Lack of awareness for the benefits of RES at regional level*

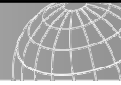
## The Challenges (3)

- Consistent RES-Heat support instruments still under development and not widely implemented
- Longlasting experiences with RE support mechanisms in some old member states, new policies for new members



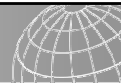
Need for  
Further development of support mechanisms for RES-H  
Increased effectiveness of RE support mechanisms  
Reduction of administrative barriers  
Exchange of experiences

## Facing the Challenges – Germany



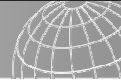
- National Targets (as decided of the German Cabinet at Meseberg, August 2007)
  - Until 2020 RE share:
    - » 25-30 % in electricity production
    - » 17% in Biofuels
    - » 14% in Heating & Cooling
    - » about 17 to 19% in total energy consumption
- Under Preparation:
  - Integrated Energy and Climate Programme (IECP)
    - » Amendment of the Renewable Energy Sources Act (EEG) in 2008
    - » Renewable Energies Heat Act

## Facing the Challenges – Germany IECP



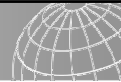
- 1 Combined heat-and-power generation
- **2 Expansion of renewable energies in the power sector**
- 3 CCS technologies
- 4 Smart metering
- 5 Clean power-station technologies
- 6 Introduction of modern energy management systems
- 7 Support programmes for climate protection and energy efficiency (apart from buildings)
- 8 Energy-efficient products
- 9 Provisions on the feed-in of biogas to natural gas grids
- 10 Energy Saving Ordinance
- 11 Operating costs of rental accommodation
- 12 Modernisation programme to reduce CO2 emissions from buildings
- 13 Energy-efficient modernisation of social infrastructure
- **14 Renewable Energies Heat Act**
- 15 Programme for the energy-efficient modernisation of federal buildings

## Facing the Challenges – Germany IECP (2)



- 16 CO2 strategy for passenger cars
- 17 Expansion of the biofuels market
- 18 Reform of vehicle tax on CO2 basis
- 19 Energy labelling of passenger cars
- 20 Reinforcing the influence of the HGV toll
- 21 Aviation
- 22 Shipping
- 23 Reduction of emissions of fluorinated greenhouse gases
- 24 Procurement of energy-efficient products and services
- 25 Energy research and innovation
- 26 Electric mobility
- 27 International projects on climate protection and energy efficiency
- 28 Reporting on energy and climate policy by German embassies  
and consulates
- 29 Transatlantic climate and technology initiative

## Facing the Challenges - The project idea



- Germany committed to the promotion of renewable energy sources and climate protection on a global level
- German government interested in cooperation with new member states and candidate countries of the EU in order to achieve the ambitious EU targets
- Strengthening involvement of EU new members and candidates in policy development on renewable energies and exchange of experience



**SUPPORT\_ERS**

## What is SUPPORT\_ERS?

- Network of 12 institutions e.g. energy agencies from 9 EU countries and one candidate state
- EU co-funded project with:
  - Joint objectives and expected results
  - Fixed deliverables
  - Contributions from all partners
- Implementation period of 27 months
- 50% co-financing from Intelligent Energy Europe Programme



## Project Objectives

- Contribute to an increase of the share of RES in energy consumption in particular in the new EU Member States and candidate countries
- Development of efficient support schemes for RES-Heat
- Specific Objectives:
  1. **Reduce administrative barriers** hindering the efficient & effective implementation of support schemes for RES-E
  2. Involve the new Member States and candidate countries in the process of the **development of support schemes for RES-H** in the EU
  3. Increase **awareness of regional actors for the benefits of RES-E and RES-H** and to optimise the implementation of support schemes on regional level

## Expected Results



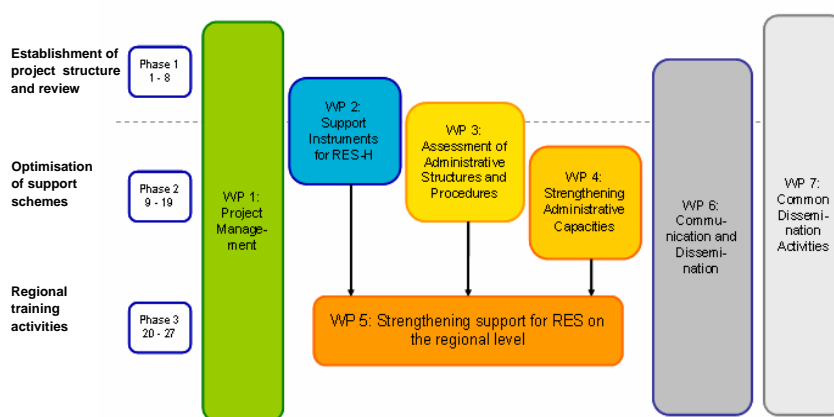
- **Capacity building**
  - *project partners*
    - » Report on RES-Heat support mechanisms
    - » Analytical report on administrative barriers
    - » RES Market Reviews
    - » Preparation of regional training modules
  - *regional stakeholders*
    - » Regional seminars about benefits from RES and integration of RES issues in planning processes
- **Experience and know how transfer**
  - » Best practice report for smooth administrative structures
- **RES policy support**
  - » Checklist for reducing administrative barriers
  - » Recommendations for RES-Heat support instruments

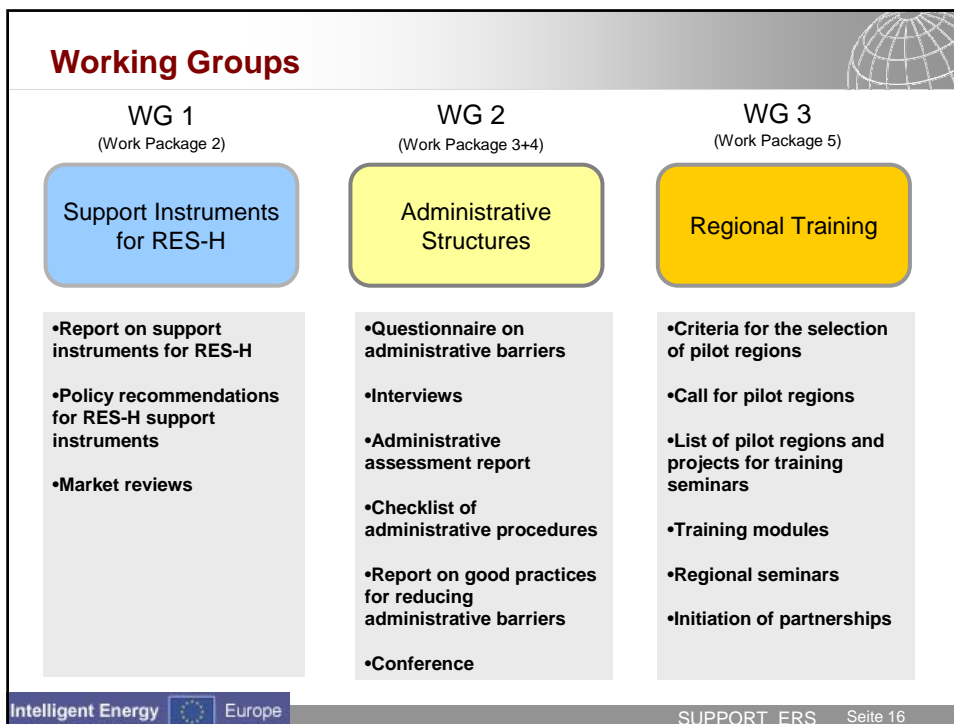
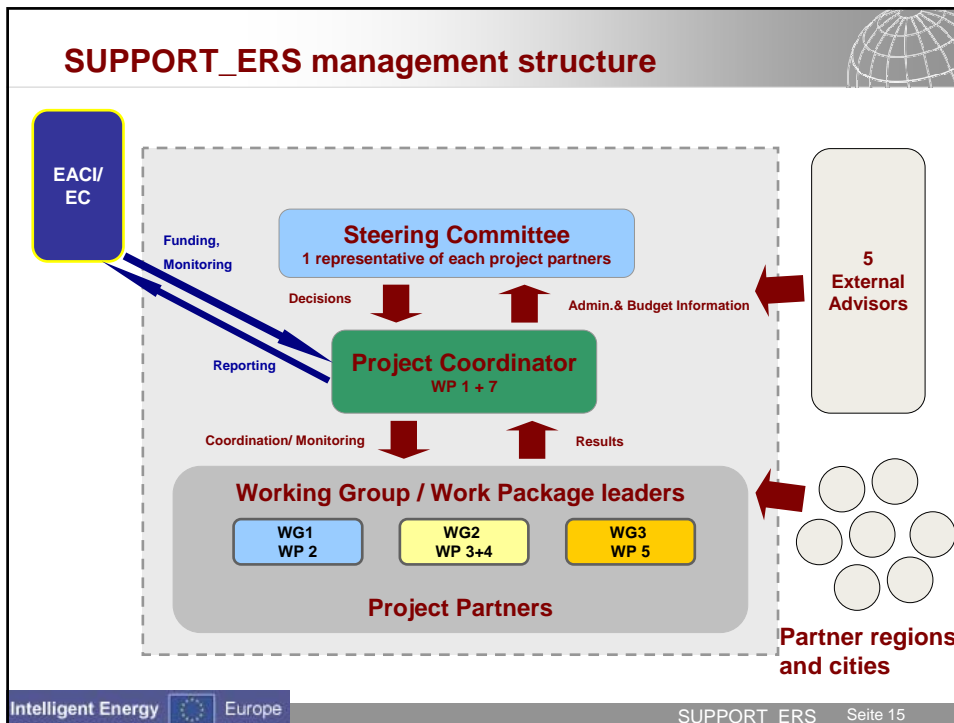
**We are looking forward to our cooperation!**

## Objective of the Kick-off

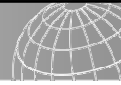
- Get to know each other
- Agree on the targets of the project
- Familiarise all with work plan and schedule
- Discuss the work processes in the working groups
- Distribute responsibilities and tasks

## Implementation Plan





## Implementation schedule (updated 09 Nov 2007)



PROJECT SCHEDULE (updated 09 Nov 2007)																												
	1	2	3	4	5	6	7	Jun 08	9	10	11	12	13	Dec 08	15	16	17	18	May 09	20	21	22	23	24	25	26	27	
Work package 1: Management	Project set-up / Kick off / SCM							SCM 2 days							SCM 2-3 days												Final meeting	Project Closing
Work package 2: Support Instruments for RES Heat	WG 1.1	Draft Report on support instruments RES-H, Draft Market Reviews						WG 1.2	Finalisation of Report on support instruments RES-H, Market Reviews						WG 1.3	Policy Recommendations			WG 1.4									
Work package 3: Assessment of Administrative Structures and	WG 2.1	Review of existing studies/ information, Draft for Guiding Questions						WG 2.2	Interviews, Draft for Administrative Assessment Report						WG 2.3	Finalisation of Assessment Report			WG 2.4									
Work package 4: Strengthening Administrative Capacities														Draft Checklist	WG 2.3	Testing and Finalisation of Checklist			WG 2.4	Disseminating and Using Checklist						WG 2.4		
Work package 5: Strengthening support for RES on the	WG 3.1	Identification of pilot regions and partners						WG 3.2	Training modules						WG 3.3	Finalizing training module			WG 3.4	Regional Training Seminars								
Work package 6: Communication and Dissemination		Dissemination activities																										
Work package 7: Common Dissemination Activities		Common Dissemination Activities																										