



**ESTELA General meeting and Workshop**  
**RES Directive Implementation**  
**(Debate for action)**

**José Alfonso Nebrera, President of ESTELA**  
**Brussels, 15 July 2010**

## A. RES Directive

- Published on June 2009
- Establishes binding targets for MS in order to increase the share of RES in EU up to 20% by 2020
- MS submitted *Forecast Documents* (Flexibility mechanisms) in December 2009
- MS shall adopt a *National Renewable Energy Action Plan* (NREAP) by June 2010: 7 submitted up to now



## A. RES Directive: MS Forecast Documents

MS s Forecast Documents indicates MS s expected need/use of **Cooperation Mechanisms (CM): *Statistical Transfers and Joint Projects***

Forecast documents submitted by all MS to EC:

- 6 MS cannot meet their targets only through domestic production and they expect to use CM
- 13 MS expect to have a surplus available to transfer to another MS
- 24 MS are widely in favor to use CM

## SUMMARY TABLE MS RES FORECAST BY 2020

MS not expecting to produce a surplus or require a transfer		MS expecting to have a surplus to transfer to another MS		MS expecting to need a transfer in their favour	
Austria		Bulgaria	C.M*	Belgium	C.M*
Cyprus		Estonia	C.M*	Denmark	C.M*
Czech Republic		Germany	C.M*	Ireland	C.M*
Finland	C.M*	Greece	C.M*	Italy	C.M*
France	C.M*	Lithuania	C.M*	Luxembourg	C.M*
Hungary	C.M*	Poland	C.M*	Malta	C.M*
Latvia	C.M*	Portugal	C.M*		
Netherlands	C.M*	Slovakia	C.M*		
Romania	C.M*	Spain	C.M*		
Slovenia	C.M*	Sweden	C.M*		
UK	C.M*				

***CM\*: MS that may use the Cooperation Mechanisms. Almost all MS are open to use these mechanisms, including MS who will not need them to meet their targets***

## B. Cooperation Mechanisms: Statistical transfers (art 6)



- MS “A” agrees with MS “B” to contribute “X” GWh of RES produced in its territory to the other MS’s RES share (for any year/s) in order to meet its targets
- Only the part of RES exceeding the interim or final target can be transferred
- Not available for company to company transfers

***Some MS are willing to use this mechanism to meet its targets and the great majority of MS supports it due to its simplicity (Slovakia, Lithuania, Ireland, Malta, Spain, Luxembourg, Belgium, Italy...)***

## **B. Cooperation Mechanisms: Joint Projects within EU (art 7&8)**



- **2 or more MS agree to invest in a new RES project/s in one MS**
- **The MS where production occurs agrees to credit an equivalent amount of RES to the target of the other investing MS/s**
- **Transfer or transmission of energy not required**
- **Must be new RES installed capacity**

**MS support this mechanism, “looking forward to a fruitful cooperation” : (Germany, Denmark, Poland, Malta, Italy, Belgium, Estonia, Ireland, Romania...)**

## **B. Cooperation Mechanisms:**

### **Joint Projects with Third countries (art 9 &10)**

- 1 or more MS agree with a Third country to invest in a new RES-E project outside the EU
- The Third country where production occurs consents to export an agreed amount of power to the EU
- Transfer or transmission of energy is required
- Must be from new RES installed capacity

**MS are highly interested in this mechanisms (i.e):**

- **France & Spain: Mediterranean Solar Plan**
- **Greece & Italy: Western Balkan**

## B. Cooperation Mechanisms

MS have identified some barriers for the use of the CM:

- CM are new instruments: Preliminary work necessary to establish a specific CM *legislative and regulatory framework*
- Lack of Administrative instruments
- Grid reinforcement and new interconnections are needed

April 2010 - RES Conference in Pamplona during the EU Spanish Presidency:

**MS will jump on board once CM procedures will be clarified**

## C. National Renewable Energy Action Plans (NREAP)

- **By June 2010 MS have to set up a NREAP specifying how to achieve their national RES targets:**
  - **Sector specific targets**
  - **Measures and instruments for achieving these targets**
  - **Planned Cooperation Mechanisms (CM)**
- **Every 2 years MS will submit a report to the EC on their share of RES and support schemes**
- **If MS fall short of their trajectory over any 2 year period, they will have to submit an amended NREAP stating how they will compensate the shortfall**

## C. National Renewable Energy Action Plans (NREAP)

- Up to now, 7 MS have submitted their NREAP to the EC (Austria, Denmark, Finland, Netherlands, Spain, Sweden and UK)
- Concerning STE the Spanish NREAP I the most relevant up to now:
  - Spain is open to use the CM:
    - Statistical Transfers: RES surplus can be transferred to other MS
    - Joint Projects between MS
    - Joint Projects between MS and Third countries: Supports the **Mediterranean Solar Plan** however highlights the need of Grid reinforcement



## D. EU Concerted Action

Given the complexity and variety of the issues addressed by the RES Directive the ***Concerted Action*** will aim at supporting its implementation in MS

What is a CA:

- Dialogue between the national authorities implementing the RES Directive
- MS can profit from each other s experiences and develop common understanding and approaches

## **D. EU Concerted Action: Objectives**

- **To support MS in the implementation of the RES Directive**
- **To promote dialogue and exchange of best practice between MS on RES policy implementation**
- **To focus on finding common approaches to the most effective implementation of EU legislation on RES**

**The CA will focus only on topics where coordination and/or harmonization of approaches would be beneficial**

## D. EU Concerted Action: Structure

### Participants:

- National authorities responsible for the implementation of the RES Directive or nominated representatives
- consortium composed of organizations designated by all 27 MS

### Characteristics:

- Joint initiative of the MS and EC
- Duration of 36 months (planned start: third quarter 2010)
- 9 Working groups
- CA is a confidential process



## **D. EU Concerted Action: 9 Working Groups**

- **Cooperation mechanisms**
- **Calculation methodology**
- **Authorization of plants and infrastructures**
- **RES and district heating planning**
- **Training and information**
- **Electricity Networks**
- **Biogas Networks**
- **RES in transport and biofuels**
- **Biomass mobilization**

## **D. EU Concerted Action: ESTELA s action**

- **ESTELA is highly interested in support and contribute to the works of the EU CA**
- **ESTELA is in contact with CA participants designated by the MS (IDAE, Austrian Energy Agency..)**
- **ESTELA will collaborate in the Working Groups relevant for STE**

**The CA could help MS to implement the “Cooperation mechanisms” in an harmonized way, fundamental a larger market penetration of STE in the EU and Third Countries, mainly by developing the Mediterranean Solar Plan**





## **ESTELA**

### **European Solar Thermal Electricity Association**

**Renewable Energy House**

**Rue d'Arlon 63-67**

**B – 1040 Brussels**

**Tel. : + 32 (02) 400 10 90**

**[estela@estelasolar.eu](mailto:estela@estelasolar.eu)**





**Thank you for your attention!**

