



IEA-DSM TASK XIV MARKET MECHANISMS FOR WHITE CERTIFICATES TRADING

MINUTES OF EXPERTS MEETING 7 – 8 JUNE 2004, MILAN, ITALY

Participants:

France	Stephanie Monjon,	ADEME
Italy	Stefano Alaimo,	GME (part of the meeting)
	Mario De Renzio,	FIRE (part of the meeting)
	Walter Grattieri,	CESI
Norway	Andreas K. Enge,	ENOVA
Sweden	Monika Adsten,	ELFORSK
	Lena Neij,	IIIEE Lund University
	Luis Mundaca,	IIIEE Lund University
	Therése Karlsson,	STEM
United Kingdom	Martin Devine,	DEFRA
Operating Agent	Antonio Capozza,	CESI

A. Introduction and Administrative Matters

1 Start of the meeting and welcome address

The Operating Agent, Antonio Capozza, welcomed all the Experts to the Expert meeting in Milan, Italy. He also welcomed all the Experts to CESI, the Organisation hosting this meeting. CESI is also in charge of managing the Task through the Operating Agent and of contributing to the Task through the national Expert Walter Grattieri. Antonio Capozza made a short presentation of CESI, a Company owned by a differentiated group of shareholders in the sectors of electric generation, transmission, distribution and industry. CESI has been operating for more than 40 years in the electro-energetic and environmental sectors, in the research field, in testing and certification of electromechanical equipment and power system studies and consultancy (see Appendix 1 – CESI presentation). Grattieri presented a short review of the present characteristics and evolution of the Italian electricity system, of the unbundling and privatisation processes in progress and of the ongoing private market (about the 40% of the total and in a growing phase after the opening of the marketplace on April 1st, 2004)

2 Presentation of Experts

The Experts introduced themselves. A list of affiliation, address and communication data of the Task Experts is given in Appendix 2 – Distribution list. The Task Experts designed by the participating Countries belong to Organisations very close to Market Operators in the sector of White Certificates trading and can assure sensitivity on the subject and level of awareness of the national experiences.

3 Decisions about agenda

The Agenda of the meeting (see Appendix 3 – Agenda of the meeting) was submitted to the Experts. It was accepted, with the decision to move up on June 7th the discussions on dates and places of next meetings, in order to take profit of the presence of all the Swedish Experts, which was not assured for the whole day after.

4 Purpose of the meeting

The purpose of the present meeting is closely linked to its kick-off feature and was summarised as it follows:

- Defining administrative matters
- Defining operative matters
- Revising in a definite way the workplan with the suggestions of the Task Experts and of the Italian stakeholders attending this meeting

5 Decision of the Executive Committee

An extract of the quick minutes of the IEA-DSM Executive Committee meeting held in Trondheim on April 16-17 was handed over and presented (see Appendix 4 – Trondheim meeting quick minutes). Remarks:

- The IEA-DSM Task XIV “Market mechanisms for White Certificates trading” is initiated with Antonio Capozza nominated as Operating Agent
- Cooperation with Central European University will be allowed and considered for the Task, provided that an agreement is signed
- A EU similar project was submitted in the frame of Intelligent Energy Europe programme; overlapping should be avoided and synergies maximised
- List of participating and interested Countries was established

6 Administrative

6.1 Notice of Participation

A Notice of Participation was required from each Organisation participating to the Task (see Appendix 5 – Text of Notice of Participation). The Notice of Participation deals with consent of the participating Organisation to support the Task. A copy of it was sent with the invitation to the kick-off meeting and was sent back from almost all the Countries. Sweden have not done yet being still involved in their procedure to formalise their participation, but they will do it very soon. Therése Karlsson also remarked that Sweden do not have at the moment national policies involving White Certificates. Nevertheless, they are interested in it as well as in any market-based mechanism aimed at attaining energy savings, in view of being prepared to face evolutions and new requirements in the future (e.g. the imminent EU Directive on Energy Services and End Uses efficiency). Worth being remarked that a working group was established in Sweden, made up by STEM (the Swedish Energy Agency), the International Institute for Industrial Environmental Economics (IIIEE) of Lund University and ELFORSK (a R&D Institute in the electricity field) (see Appendix 6 – Sweden Experts group). The group acts in the field of international projects concerning energy efficiency and renewables and share Swedish projects on it. This group will attend the present Task, which is co-funded by STEM and ELFORSK, with representative people of all his three components, who will be present at the same time at all the planned workshops/meetings

6.2 National Participation Plan

The Organisations who represent the 5 Countries participating to the Task in the IEA-DSM Executive Committee (ExCo) will have to prepare the so-called National Participation Plans, where they state their acceptance of the economic and technical conditions of the Task and nominate their Experts and Organisations to be invoiced, according to the scheme shown in Appendix 7 – Content of National Participation Plan. As for the present Task, all the Experts belong to Organisations also represented in the ExCo. This is an official matter which may require some time to be performed, but it has to be solicited also by the Experts themselves to their Managements

6.3 Invoices to participating Organisations

VAT number (when applicable) and the exact name and address of the Organisation to be invoiced are required, unless an Organisation explicitly declares they are not VAT obliged. VAT data of Sweden and UK are still missing.

6.4 Task XIV website

A Task website is planned within the IEA-DSM website, enabling all the Experts for easy and fast communication and dissemination of the results of the Task through:

- A library of reports, general information, presentations and other documents (restricted to the Experts in a former phase)
- Links to websites of the participating Organisations
- Calendar of the events
- Contacts
- Expert site, restricted to the Task group and including an Expert forum for exchange of draft documents, national remarks and other comments

An example of the website features was presented (see Appendix 8 – Example of Task website), based on the Task X website.

7 Further participations/observers in the Task

7.1 Other Countries

Apart from earlier signalled interest during the ExCo meeting of Trondheim, Austria, Greece and the U.S. expressed their interest and mentioned that they should consult parties in their Countries for joining (see Appendix 4 – Trondheim meeting quick minutes). Belgium and Australia showed interest in Milan preliminary meeting (5/12/03) and will be kept informed of the developments.

Suitable actions will be promoted at next ExCo meeting in Washington towards IEA-DSM Chair and the Belgium and Australia members, to encourage their participation to the Task. It was explicitly requested by the Experts to involve Belgium as much as possible, at a level of both information and participation to the future workshops, since they represent an example of possible application of White Certificates without involving necessarily market mechanisms.

Also Holland showed interest in a future participation to the Task. Verity Ducos-Saunders, IEA-DSM webmaster and CEA consultant, is in close touch with Dutch Ministry for Economic Affairs and kindly gave her support to promote the Task in that Country (see Appendix 9 – Interest of Holland in Task participation)

7.2 Academia

Generally IEA-DSM tends to show an open attitude towards Task participation of supplementary actors (e.g., observers from other Countries – in the perspective of a future joining, Academia,



economic and technical specialists) besides the Experts of the participating Countries. This has been encouraged once more in the last ExCo meeting in Trondheim, provided that all the participating Countries agree on that and some form of written agreement is attained. A possible Memorandum of Understanding (MoU) between IEA-DSM and the Central European University (Budapest) was discussed (see Appendix 10 – Memorandum of Understanding for participation of observers) aimed at defining the rules for the participation to the Task as observer of Mrs Silvia Rezessy, who is involved in the White Certificates topic for her PhD dissertation. Such MoU was considered suitable for its goals and will be signed by IEA-DSM Chairman and Central European University. Further student participations to the Task as observers can be considered in the future and handled case by case. No problems are forecast anyway for students belonging to one of the participating Countries.

7.3 EU

EU, through his Joint Research Centre of Ispra (JRC - Varese – Italy) expressed his wish to send Mr Paolo Bertoldi to attend the Task workshops and meetings as observer. Mr Bertoldi has been involved in the White Certificates matter for some year; he gave his contribution during the preliminary meeting held in Milan (5/12/03) and is now promoting a new EC project on White Certificates within EIE programme (see sect. 10). EU is a member of the IEA-DSM and his participation to the Task should comply with the same rules as other Countries (i.e. cost and task sharing). Nevertheless, the matter may be considered; to this purpose, Mr Bertoldi is asked to make a formal request in a letter to IEA-DSM chairman, Hans Nilsson, to be observer and to state on whose account he is observing (DG-TREN or JRC); the decision will be taken on next ExCo meeting. Participation to the Task workshops is allowed in any case, since they will be organised as open events; Bertoldi will be informed about their dates and places.

B. Presentation and discussions on Workplan

8 Presentation and discussion with the Task Experts

A draft workplan was presented during the Milan preliminary meeting (5/12/03) and it was updated according to the suggestions of all the Experts. The version shown during this meeting (see Appendix 11 – Task workplan) represents a good compromise among the different views, though chance still exists to modify/include some more detailed elements. Then, a first discussion of the workplan was held, restricted only to the Task Experts, in order to get to a deeper inside when necessary. The integrations resulting from the discussion are shown in red characters in Appendix 11 – Task workplan.

The main remarks of the Experts were relevant to the fact that the title of the Task and the content of the workplan itself mainly recall market and procedural aspects of the White Certificates, with detriment of its more general feature as instrument for EE policies implementation. This approach may be limiting.

On the other part, it was observed that this approach was fostered and encouraged by IEA-DSM Executive Committee during Concept and Approval phases of the Task. A firm belief was there shared that market-based, flexible mechanisms (as White Certificates trading) could be a really (maybe the only) attractive alternative to pure obligations/incentives (often unsuccessful in the past) to implement Energy Efficiency (EE) targets. In fact, mere obligations turn out systematically to be unsuccessful when mandatory EE measures are beyond the core business of the obligation-bound actors, whereas market mechanisms allow for a “virtuous circle” to be established. The importance for a marketplace (e.g. EU-wide) and consequently a need of common and shared market rules also induced IEA-DSM to push on the market aspects. Finally, IEA-DSM requirements for a “light”

Task did not allow for a more exhaustive analysis on the matter and caused the choice of this approach.

Anyway this subject will be submitted and discussed in the 1st workshop of the Task (see sect. 11.1).

9 Discussion with Italian stakeholders

The discussion on the workplan continued the day after, taking profit of the presence of stakeholders representing the Electricity Market Operator (Mr Stefano Alaimo - GME) and the Italian Association for Rational Use of Energy (Mr Mario De Renzio - FIRE). The updated workplan was presented in the light of the Task Experts' conclusions of the day before and no particular remarks were made on it.

Then, a review of Italian energy Policies was presented by Grattieri on behalf of AEEG, the Italian Regulatory Authority for Electricity and Gas (see Appendix 12 – AEEG presentation: Italian Energy policies). The delicate condition of Italian DSO was pointed out, since they are obligation-bound to EE targets but they are very often unable to agree EE projects with the end-users and transfer the project costs on them. Moreover, at present no definite link between EE measures and relevant costs has been established yet; lack of these data also makes it difficult for a White Certificates market to start up. A paper of Marcella Pavan (AEEG) with further details on the present Italian EE policies will be uploaded on the Experts' Site of the Task website under the section "Country" of the Library.

Stefano Alaimo (GME) spoke of the present state of the Italian Market of Green Certificates, as a very likely paradigm for the imminent Market of White Certificates (see Appendix 13 – GME presentation: Italian Green Certificates market). Some supplementary remarks from Mr Alaimo follow:

- 2/3 of the Green Certificates (GC) are traded into the GME Market
- the penalty for non compliance in GC targets is 1.5 times the GC average price of previous year
- at present the different certificates schemes (White, Green, ET) are not interchangeable in Italy
- about 20000 GC marketed in about 30 transactions
- weekly market sessions from January to March, 1 monthly session the other months
- deposit (6000 Euro/certificate) required one day before the transaction to buy from the Market
- only transactions covered by the deposit allowed
- payments in two days after transaction; if not, automatic withdrawal from deposit occurs
- the market is anonymous; only the statistics are published
- GME is paid for about 12 Euro/certificate
- a broker can buy and sell certificates in the market even if he is not an obligation-bound actor
- banking restriction: only 20% of the certificates can be banked
- the Emission Trading market will be EU-wide, but GME will be very likely to be the Italian "District" Operator
- cash flow within the Italian White Certificates trading scheme (see Fig. 1)
- amount of the kWh tariff cost collected into the Energy Efficiency Fund to acknowledge the costs of EE projects: about 0.04 Eurocents/kWh; to be compared with an electricity tariff cost of about 0.05 Euro/kWh
- acknowledged costs for EE projects: not defined yet, but surely partial covering by lump sums.

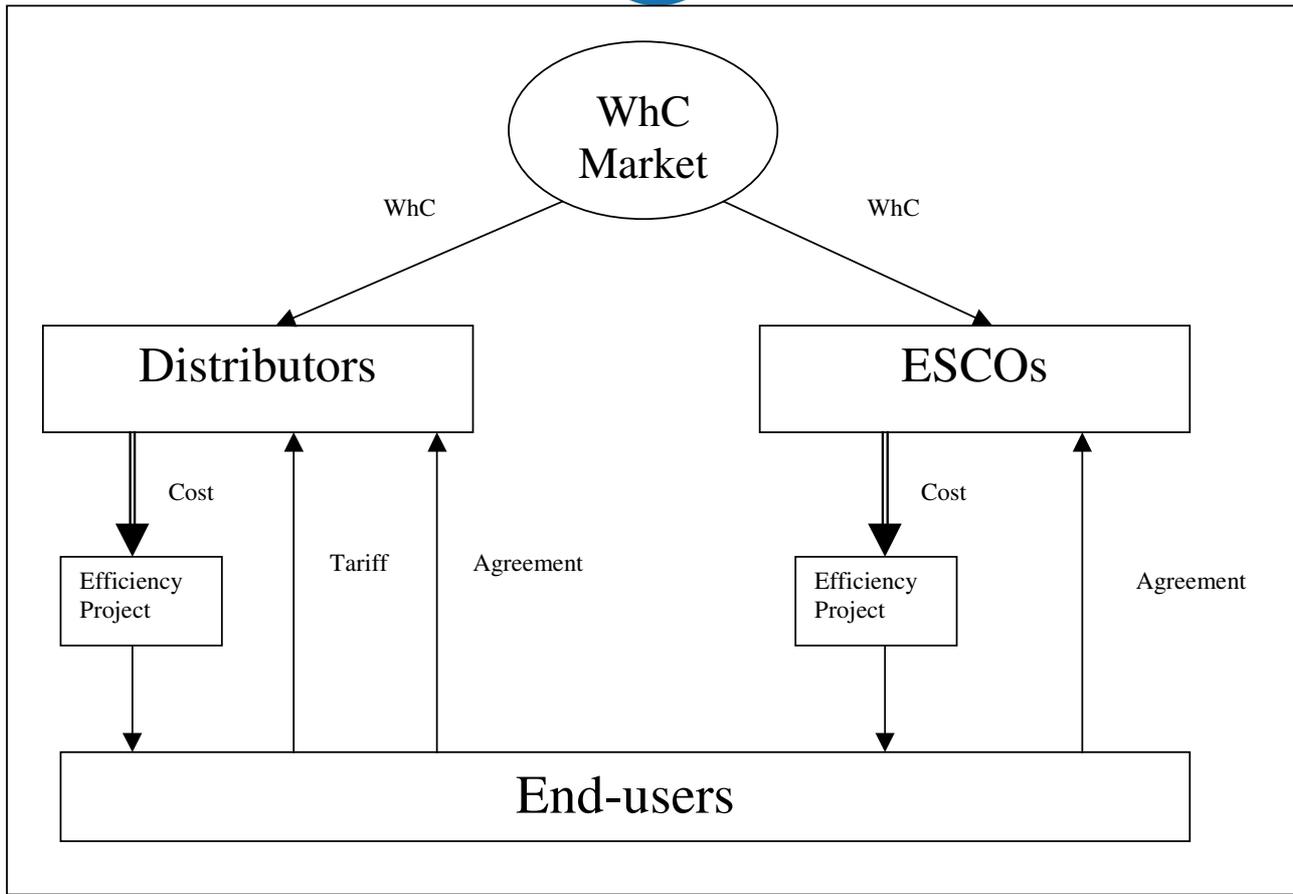


Fig. 1 – Cash flow in the Italian White Certificates Trading Scheme

10 Possible interactions with EC running or tendered projects

A EC SAVE project, called “White and Green”, is running, based on scenario simulations of White Certificates diffusion through Europe by the use of MARKAL software (see Appendix 14 – EU SAVE “White and Green” project – EU EIE Project) . The prime contractor is Lund University. Contacts are established between the Project Leader, Mr Ugo Farinelli, and the Task OA, Antonio Capozza. Mr Luis Mundaca and Mr Lena Neij, Swedish Experts in the present Task, are both working in “White and Green” project; Mr Mundaca will assure bridging between “White and Green” and Task XIV throughout the Task itself. There are many synergies between the two projects and very soon the “White and Green” reports will be available on web on the address:

<http://www.iiiee.lu.se/white&green/results.html?page=5&menu=5>

Next workshop of this EU SAVE project is planned in Rome, 12-14 October, at AIEE premises. Attendance of all interested people will be greatly appreciated.

A proposal for another project has been submitted within EU INTELLIGENT ENERGY – EUROPE programme (see Appendix 14 – EU SAVE “White and Green” project – EU EIE Project), aimed at harmonising the procedures to quantifying and issuing the White Certificates, in view of their EU cross-country trading (see Directive on Energy Services). This project is based on practical applications of the scheme, does not show any conflicts or substantial overlapping with the Task and chances are of fruitful cooperation and cross fertilisation. Contacts were undertaken between the Task OA and EU – JRC Ispra (Mr Paolo Bertoldi) who fostered the project proposal. The project will involve some Organisations attending this Task (Lund University, ADEME) and it has still to be approved by EU; once accepted, it will start at the beginning of 2005. Also Silvia Rezessy (Central European Univeristy – see sect. 7.2) will be involved in the EIE project; the possible presence in future of Mrs Rezessy and Mr Bertoldi will allow for bridging with the present Task.

C. Next Meetings and Summary of Decisions

11 Next meetings and workshops

11.1 Second meeting/First workshop

UK offered to host this Task event, which will take place in the first week of November 2004 and it will take two days. The first day will be devoted to a workshop open to all the local stakeholders and interested people; it will consider in particular

- the experiences gained in UK in applying trading schemes of their Energy Efficiency targets, in the frame of UK Energy Efficiency Commitment,
- their present expectations on the matter.

The presence of:

- DEFRA - Department for Environment Food and Rural Affairs
- Ofgem - Office of Gas and Electricity Markets
- UKBCSE – UK Business Council for Sustainable Energy
- Local electric utilities
- Local ESCOs
- EC (DG TREN, JRC)

should be planned to assure a meaningful audience. The UK Task Expert will be in charge of the organisation of the workshop, assisted by the Operating Agent, and will communicate as soon as possible the exact date and venue of the event.

The workshop will last the whole day and will also involve the Task Experts. It was reminded that the Critical Report summing up the contributions to the workshop and the relevant discussions will be written by the Operating Agent with the assistance of the Task Experts and will be one of the task deliverable.

A meeting restricted to the Task Experts will be held the day after. During this meeting, the Experts will have the chance of synthesising and commenting the workshop results and will prepare the next event.

11.2 Third meeting /Second workshop

France offered to host the second workshop and the third Task Expert meeting. The first week of April 2005 was proposed, in order to allow for the widest audience of the Task Expert. The French Expert will preliminarily check this chance. It was also proposed to use the morning of the first day for the workshop with the local stakeholder, devoted to the French EE policy and their plans about White Certificates scheme. The afternoon of the first day and the whole second day will dwell the Task Expert meeting, which will be focused on Expert contributions on their national EE policies involving White Certificates schemes or any other market-based policy.

11.3 Fourth meeting/Third workshop

Sweden offered to host this event. Venue will probably be at Lund University on June 2005. Details will be defined later, but compliance with workplan is assumed for the moment.

11.4 Fifth meeting/Fourth workshop

Norway offered to host the last event of the Task on October 2005. Details will be defined later, but compliance with workplan is assumed for the moment.

12 Dissemination of Task results

According to the workplan of the Task, OA took the commitment to attend at least a specialist conference to communicate and disseminate the results attained by the group during the Task development. Regardless of that, presence of the OA is also planned in the following events:

- EU SAVE “Green & White” project, Rome Workshop, 12-14 October 2004, Rome, AIEE
- FIRE-Assolombarda, Energy Management meeting, April 2005, Milan¹

The Experts are invited to propose other suitable events to OA, as well as to perform themselves dissemination actions on the Task, using the material available on the Task website, and give OA notice of that.

13 Summary of decisions

The following decisions must be kept into account for the short term:

- UK: decision on exact date and venue for the first workshop/second Experts meeting
- France: chance of holding the second workshop/third Experts meeting in France on the first week of April 2005
- OA:
 - Involve, directly or through IEA-DSM ExCo, other Countries (Belgium, Holland, Greece, US, Australia) in the Task.
 - Foster the agreement between IEA-DSM and Central European University on the participation of Silvia Rezessy as observer
 - Foster the agreement between IEA-DSM and EU on the participation of Paolo Bertoldi as observer
 - Promote the setting up of the Task website and inform the Experts of that

Antonio Capozza thanked all the Experts for their participation and for the valuable contributions they gave for the successful kick-off of the Task. The Experts meeting was then adjourned.

¹ To be confirmed



Appendixes

Appendix 1 – CESI presentation

Appendix 2 – Distribution list

Appendix 3 – Agenda of the meeting

Appendix 4 – Trondheim meeting quick minutes

Appendix 5 – Text of Notice of Participation

Appendix 6 – Sweden Experts group

Appendix 7 – Content of National Participation Plan

Appendix 8 – Example of Task website

Appendix 9 – Interest of Holland in Task participation

Appendix 10 – Memorandum of Understanding for participation of observers

Appendix 11 – Task workplan

Appendix 12 – AEEG presentation: Italian Energy policies

Appendix 13 – GME presentation: Italian Green Certificates market

Appendix 14 – EU SAVE “White and Green” project – EU EIE Project

Appendix 1 – CESI presentation

CESI.pdf

Appendix 2 – Distribution list

Operating Agent

Country Italy
Surname Capozza
Name Antonio
Organisation CESI
Department T & D Networks
Address Via Rubattino, 54
20134 Milan
Italy
Tel +39 (02) 21255016
Fax +39 (02) 21255843
e-mail capozza@cesi.it
website <http://www.cesi.it/>

Task Experts

Country **FRANCE**
Surname Monjon
Name Stephanie
Organisation ADEME
Department Economics Department
Address 27, Rue Louis Vicat
75737 Paris cedex 15
France
Tel +33 (1) 47652205
Fax +33 (1) 40957453
e-mail stephanie.monjon@ademe.fr
website <http://www.ademe.fr/>

Country **ITALY**
Surname Grattieri
Name Walter
Organisation CESI
Department T & D Networks
Address Via Rubattino, 54
20134 Milan
Italy
Tel +39 (02) 21255714
Fax +39 (02) 21255843
e-mail grattieri@cesi.it
website <http://www.cesi.it/>

Country **NORWAY**
Surname Enge
Name Andreas Kruger
Organisation ENOVA
Department Energy policy and analysis
Address Abelsgate 5
NO-7027 Trondheim
Norway
Tel +47 (73) 19 04 40
Fax +47 (73) 190431
e-mail andreas.k.enge@enova.no
website <http://www.enova.no>

Country **SWEDEN**
Surname Adsten
Name Monika
Organisation ELFORSK
Department
Address Olof Palmes gata 31
101 53 Stockholm
Sweden
Tel +46 8 677 27 35
Fax +46 (8) 677 25 35
e-mail monika.adsten@elforsk.se
website <http://www.elforsk.se>

Country **SWEDEN**
Surname Neij
Name Lena
Organisation Lund University
Department International Institute for Industrial Environmental Economics (IIIEE)
Address P.O. BOX 196
22100 Lund
Sweden
Tel +46 (46) 2220268
Fax +46 (46) 2220230
e-mail Lena.Neij@iiiee.lu.se
website <http://www.iiiee.lu.se>

Country **SWEDEN**
Surname Mundaca
Name Luis
Organisation Lund University
Department International Institute for Industrial Environmental Economics (IIIEE)
Address P.O. BOX 196
22100 Lund
Sweden
Tel +46 (46) 2220257
Fax +46 (46) 2220240
e-mail Luis.Mundaca@iiiee.lu.se
website <http://www.iiiee.lu.se>

Country **SWEDEN**
Surname Karlsson
Name Therése
Organisation STEM - Swedish Energy Agency
Department
Address P.O. Box 310
SE-631 04 Eskilstuna
Sweden
Tel +46 (16) 5442275
Fax +46 (16) 5442262
e-mail therese.karlsson@stem.se
website <http://www.stem.se>

Country **UNITED KINGDOM**
Surname Devine
Name Martin
Organisation DEFRA
Department Sustainable Energy Policy (International)
Address Zone 6/H11
Ashdown House
123 Victoria Street
London
SW1E 6DE
United Kingdom
Tel +44 (207) 082 8718
Fax +44 (207) 082 8698
e-mail martin.devine@defra.gsi.gov.uk
website <http://www.defra.gov.uk>

Other Experts available to attend and/or to give contributions to the Task

Country **ITALY**
Surname Alaimo
Name Stefano
Organisation GME
Department Non electric markets
Address Viale Maresciallo Pilsudski, 92
00197 Roma
Italy
Tel + 39.06.8012.1
Fax +39.06.8012.4102
e-mail alaimo.stefano@mercatoelettrico.org
website <http://www.mercatoelettrico.org/>

Country **ITALY**
Surname De Renzio
Name Mario
Organisation FIRE
Department
Address
Tel + 39.02.473553
Fax + 39.02.473553
e-mail derenzio.firemi@iol.it
website <http://www.fire-italia.it/default.asp>

Country **ITALY**
Surname Pavan
Name Marcella
Organisation Autorità per l'Energia Elettrica e il Gas
Department Energy Efficiency Policy Division
Address Piazza Cavour 5
0121 Milano - ITALY
Tel +39 02 65 56 53 13
Fax +39 02 65 56 52 30
e-mail mpavan@autorita.energia.it
website <http://www.autorita.energia.it/>

Country **ACADEMIA RESEARCHER**
Surname Rezessy
Name Silvia
Organisation Central European University
Department Environmental Sciences & Policy Dept.
Address Nador u. 9,
Budapest 1051
Hungary
Tel +36-1-327-3890
Fax +36-1-327-3031
e-mail ephlas01@phd.ceu.hu
website

Country **EU**
Surname Bertoldi
Name Paolo
Organisation JRC
Department Ispra site
Address Via E. Fermi 1
21020 Ispra VA
Italy
Tel +39 0332 78 9299
Fax +39 0332 78 9992
e-mail paolo.bertoldi@cec.eu.int
website <http://energyefficiency.jrc.cec.eu.int/>

Executive Committee Members of Task XIV participating / interested Countries

AUSTRALIA

Dr. Harry Schaap
Assistant Director-Environment
Electricity Supply Association of Australia
(ESAA) Ltd
GPO Box 1823Q
Melbourne Victoria 3001
Telephone: (61) 3 9670 1014
Telefax: (61) 3 9670 1069
E-mail: schaap@esaa.com.au

AUSTRIA

Mr. Boris Papousek
Grazer Energieagentur GES.m.b.H
Kaiserfeldgasse 13/1
A-8010 Graz
Telephone: (43) 316 811 848-0
Telefax: (43) 316 811 848-9
E-mail: papousek@grazer-ea.at

BELGIUM

Mr. Christian Ferdinand
Ministry of Economic Affairs
North Gate III – Bd du Roi Albert II, 16
B-1000 Brussels
Telephone: (32) 2 206 4297
Telefax: (32) 2 206 5732
E-mail: Christian.Ferdinand@mineco.fgov.be

FRANCE

Mr. Jean-Pierre Tabet
ADEME
27 rue Louis Vicat, 75737 Paris, Cedex 15
Telephone: (33) 1 47 652063
Telefax: (33) 1 40 957453
E-mail: jean-pierre.tabet@ademe.fr

GREECE

Mr. Dimitrios Nomidis
Ministry of Development
Directorate General for Energy
Messogion Av. 119
GR-10192 Athens
Telephone: (30) 210 696 9444
Telefax: (30) 310 696 9448
E-mail: NomidisD@ypan.gr

NETHERLANDS

Mr. Arnold J.W. Sijben
NOVEM Departments of Energy Supply and Coal
P.O. Box 17, 6130 AA Sittard
Send mail to:
Belenbroeklaan 18
6093 BT Heythuysen
Telephone: (31) 6 5120 3550
Telefax: (31) 4 7530 0687
E-mail: a.sijben@novem.nl

NORWAY

Ms. Anita Eide
ENOVA SF
Abelsgate 5
N-7030 Trondheim
Telephone: (47) 73 190439
Telefax: (47) 73 190431
E-mail: anite.eide@enova.no

SWEDEN

Mr. Egil Öfverholm
Energimyndigheten (STEM)
Box 310
S-631 04 Eskilstuna
Telephone: (46) 16 544 2000
Telefax: (46) 16 544 2260
E-mail: egil.ofverholm@stem.se

UNITED KINGDOM

Mr. Tom Bastin
DEFRA – Department for Environment, Food & Rural Affairs
Room 6/H11, Ashdown House
123 Victoria Street, London, SW1E 6DE
Telephone:
Telefax:
E-mail: Tom.Bastin@defra.gsi.gov.uk

Dr. Paul Davidson
Director Sustainable Energy Centre
BRE – Energy Division
Building Research Establishment
Garston, Watford WD2 7JR
Telephone: (44) 1923 664437
Telefax: (44) 1923 664087
E-mail: davidsonp@bre.co.uk

UNITED STATES

Lawrence Mansueti

US DoE

Office of electric transmission and Distribution

1000 Independence Ave. SW

Washington, DC 20585

Ttel: +1 202 586 2588

Fax: +1 202 586 5860

e.mail: lawrence.mansueti@hq.doe.gov

Appendix 3 – Agenda of the meeting

[agenda.pdf](#)

Appendix 4 – Trondheim meeting quick minutes

IEA DSM-Programme (Trondheim-meeting) Quick Minutes

#	Issue	Decision	Remark
		OMISSIS	
7a	Task XIV: White Certificates	<p>The Task was initiated and Antonio Capozza nominated as its Operating Agent.</p> <p>This Task could also be the pilot for our co-operation with Academia since a contact with the European University in Budapest has been established.</p> <p>A proposal with some similarities is under development in the EU. It was judged to be helpful if this could be complementary to our work but very unlucky if it turned out to be duplication, since it puts countries participating in the EU-work in a difficult position. The chair was Tasked to bring this up with the EU HQ in Brussels ASAP.</p> <p>Apart from earlier signalled interest Austria, Greece and the U.S. mentioned that they should consult parties in their countries for joining.</p>	<p>It was noted for coming meetings that the OA could not serve as EXCO delegate when his own Task was subject to discussion.</p>

APPENDIX

COUNTRY ²	TASKS ³											
	In Force						Initiated			Proposed		
	I		VII	X	XI	XIII	XII	XIV	XV			
	Sub 8 Indeep	Sub 9 Evalua-tion	Marke transformation	Performance Contracting	ToU Pricing and Energy Use for Demand Man. Deliv.	Demand Response Resources	Energy Standards	White certificates	Network-driven DSM	Lighting Programmes		
Australia,						X	X		X			
Austria,				X				?				
Belgium	X	X						?				
Canada,		X				(X)						
Czech Republic				(X)								
Denmark,	X	X	X		X	X						
<i>European Commission</i>												
Finland,			X	X	X	X						
France,	X	X						X	X			
Greece,				X	X			(X)				
Italy,		X		X		X		X				
Japan,	X			X		X						
Korea,	X	X	X			X						
Netherlands,	OA	OA	X	X	X	?					X	
New Zealand						?						
Norway,	X					X	X	X				
Spain,					X	X			X	(X)		
Sweden,	X	X	X	OA	(X)	X	X	X		X		
United Kingdom,					OA	?		X		X		
United States,				X		OA	X	(X)	(X)	?		
OPERATING AGENT (OA)	H. Vreuls,		V. Ryan,	H. Westling	Richard Formby	Ross Malmé	Frank Pool (New Zealand)	Italy	Australia	Sweden		

Shaded area for Tasks denotes that voting is restricted to participants

² Participants: (*Inactive parties with italics*)Prospects to the right in the box

³ All entries on interest and participation for initiated and proposed tasks are interpretations of the more elaborated response given by countries and recorded with their details in the final minutes

Appendix 5 – Text of Notice of Participation

Task XIV – Market Mechanisms for White Certificates Trading

To : Antonio Capozza – CESI – T&D Networks

Fax : +39 02 2125 5843

Country name :

Organisation name :

I AGREE to contribute 18,000 Euros to support
Task XIV – Market Mechanisms for White Certificates Trading

Please issue invoice to :

Organisation _____

Address _____

VAT number _____

Signature : _____

Date : _____

Appendix 6 – Sweden Experts group

[Karlsson_presentation.pdf](#)

Appendix 7 – Content of National Participation Plan

National Participation Plan

The National Participation Plan (NPP) describes how each country will participate in those Tasks it has joined. Through preparation of the NPP, each country defines how it will participate, agrees to this participation, and begins the steps to guarantee that the necessary resources (human and financial) will be available when needed.

Executive Committee members must provide a NPP to the Operating Agent for each Task they are participating in.

NPP are to be submitted 2 months prior to the intended start of a Task. As the NPP must be compatible with the Task Work Plan, they must be revised if the Task Work Plan is significantly modified.

The contents include:

- Brief description of the expected national input and contribution to the Task;
- Funds, and other resources to be committed, by subtask or major activity, as appropriate;
- Date these funds will be available;
- Information regarding invoicing;
- Designation of the lead national contact person for the Task;
- List of Experts to be involved along with a brief description of their qualifications;
- Research facilities to be used; and
- Expected industry involvement, as appropriate.

Appendix 8 – Example of Task website

[Task_website.pdf](#)

Appendix 9 – Interest of Holland in Task participation

[Interest_Holland.pdf](#)

Appendix 10 – Memorandum of Understanding for participation of observers

[MOU.pdf](#)

Appendix 11 – Task workplan

[Task_workplan.pdf](#)

Appendix 12 – AEEG presentation: Italian Energy policies

[Pavan_presentation.pdf](#)

Appendix 13 – GME presentation: Italian Green Certificates market

[Alaimo_presentation.pdf](#)

Appendix 14 – EU SAVE “White and Green” project – EU EIE Project

[Mundaca_presentation.pdf](#)

[related_EC_projects.pdf](#)