

**ASTWOOD Project**

*“A strategy for the sustainable use of wood and its implementation  
as base for legislative measures on regional level”*

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**Workshop Portugal**

**November 2008**

**Project ASTWOOD.-** “A strategy for the sustainable use of wood and its implementation as base for legislative measures on regional level”

**WP5.-** Integration of strategy on political and legislative level

**D5.5.-** Workshop Portugal

**Full name and address of author for all correspondence.-**

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**Workshop at Portugal****GENERAL INFORMATION**DATE: 10<sup>th</sup> October 2008

VENUE: AMCB head office

CITY: Covilha

REGION: Cova da Beira

**ATTENDEES**

- Rui Miguel Pedro – estudante
- José Eduardo Marques – estudante
- José Damasceno – Jdamasceno
- Ana Conceição Craveiro - AMCB
- Maria Manuela Quintela Santos – Fundão
- Catia Filipa Gonçalves Santos – Celorico da Beira
- Nélia Rodrigues – Guarda
- Ana Isabel Ginja - Covilhã
- Cristina Martins - Celorico da Beria
- António Joaquim Nunes Galante – Fundão
- João Martinho Casteleiro – Teixoso
- João Antunes dos Santos – Fundão
- Paulo Amorim - Câmara Municipal de Almeida
- Pedro Marques Teixeira - Câmara Municipal de Figueira de Castelo Rodrigo
- Paula Costa - Câmara Municipal de Guarda
- Teresa Dantas - Câmara Municipal de Manteigas
- Paulo Lameiras - Câmara Municipal de Manteigas
- Álvaro Ferraz - Câmara Municipal de Meda
- Alfredo Pinheiro - Câmara Municipal de Pinhel
- Estela Fogueiro - Câmara de Municipal de Sabugal
- Cláudia Quelhas - Câmara de Municipal de Sabugal
- Alexandre Ferraz - Câmara de Municipal de Trancoso
- João Lucas - Serviço Nacional de Protecção Civil
- Pedro Alves - AJABI, Associação de Jovens Agricultores da Beira Interior
- Diogo Morgado - ARBI, Associação de Regantes e Beneficiários de Idanha-a-Nova
- Sofia Oliveira - CoopCôa, Cooperativa Agrícola do Concelho do Sabugal, CRL
- Eng. Gabriel - CIDESA, Companhia Industrial de Aglomerados do Fundão
- Eng. Godinho - CIDESA, Companhia Industrial de Aglomerados do Fundão
- Paulo Rodrigues - Baldios de Cortes do Meio - Covilhã
- Estela Teixeira – AgroGuarda, Cooperativa Agropecuária do Concelho da Guarda
- João Casteleiro – ENERAREA, Agência Regional de Energia e Ambiente do Interior
- Márcio Gomes - ENERAREA, Agência Regional de Energia e Ambiente do Interior
- José Manuel Custodia Biscaia - Presidente of AMCB
- Carlos Santos - General Director of AMCB.
- Jorge Antunes - AMCB
- Susana Mestre – Aflobei
- Tiago Carvalho – Aflobei
- Lenia – Gabinete Técnico Florestal do Município de Almeida

- Telma Pombal – Gabinete Técnico Florestal do Município de Belmonte
- Teresa Cardoso – Gabinete Técnico Florestal de Celorico da Beira
- Ana Adelaide Romano – Gabinete Técnico Florestal do município de Fig. Cast. Rodrigo
- Lopes – Gabinete Técnico Florestal do Município de Fornos de Algodres
- Ana Cunha – Gabinete Técnico Florestal do Município de Fundão
- Catarina Coimbra – Gabinete Técnico Florestal de Guarda
- Pedro – Gabinete Técnico Florestal de Guarda
- Raquel Conceição – Gabinete Técnico Florestal
- Carla Pereira – Gabinete Técnico Florestal de Sabugal
- Sandra Ribeiro – Gabinete Florestal do Município de Trancoso
- Elisabete Palácio – Gabinete Florestal do Município de Trancoso
- Nuno Santos – Turrifax
- Olga Gonçalves – Município de Penamacor
- Laura Besteiro – Município de Figueira de Castelo Rodrigo

### **MAIN SUBJECTS DEVELOPED**

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This 3<sup>rd</sup> workshop aimed to highlight once again the importance of use the biomass in the region of Beira Interior. In this workshop was also addressed among other things the use of biomass as well as some conclusions about Astwood project -

It should be noted that this project was made known to the general public to Sustainable Strategy for the use of wood WP4 - Astwood Project.

In the event there were also presented some conclusions about Concept raw material collection and processing - WP3 Astwood Project

In the wake of other initiatives associated with this event were also presented other information in the context of biomass.

At the end of the day it was taken a technical visit to biomass boiler in Valhelhas - Guarda

As specific objectives, the workshop aimed at:

- i. Distribute a total of 50 copies of ASTOOD software Decision Tool
- ii. Demonstrate potential uses of renewable energy sources in the region, namely the biomass resource,
- iii. Providing technical guidance and useful information on energy themes for local administrations,
- iv. Establish collaboration links in the region among local authorities and regional government through the action of the Association in these issues,
- v. Promote the use of RES at local level, through direct public investment or energy planning activities,
- vi Promote the activities carried out by the Astwood project.

The subjects included in the workshop were:

1. Concept for raw material collection and processing – WP3 Astwood Project
2. Use of Biomass for Production of Electric Power
3. Forestry Management Plans –
4. Strategy for the sustainable use of wood – WP4 Astwood Project

In the first intervention of the session tackled by Jorge Antunes from AMCB, was presented the study that was taken in ASTWOOD project concerning to Concept for raw material collection and processing of Biomassa to the Municipalities of AMCB.

The second presentation taken by João Casteleiro it was explained the utilization of biomassa to produce Electrical Energy in the last years.

On the third intervention Marcio Gomes from ENERAREA explained to all present in the event the importance about Forestry Management Plans, that means the activities that are truly important in the management of forestry areas, concerning to the forestry fires

The last technical intervention taken by Jorge Antunes, was dedicated to present the full strategy developed at the municipal areas of AMCB, concerning to the sustainable use of wood

In the event there were also distributed around 50 copies CD with Software decision tool.

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### **FEEDBACK FROM PARTICIPANTS**

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The results obtained during the workshops and during other activities related to the biomass sector and forest resources that AMCB has been developed in its geographical area of actuation we can concluded that this project came to;

1. Promote the optimum utilization of renewable resources, including biomass, waste resulting from pruning or cleaning forest areas in public and private sector, industrial waste wood, agricultural waste and energy crops (for example, it was created municipal teams of technical / vigilant with the purpose of performing cleaning of woods and forests and monitoring of them).
2. Contributing to the self-supply in towns, making it less sensitive to price fluctuations of conventional fuels have been subjected, especially those produced from fossil fuels, thereby increasing energy diversity, (for example, the forest were sent it to small burners of biomass for heating of rooms, some schools).
3. Promote the emergence of new economies in the area, as a result of the implementation of a network of systems for biomass, starting a new market in those areas of energy, (it was launched the construction of three centers for the collection of biomass (CIRVAS) among

other types of waste in the municipalities of AMCB – from the types of agricultural waste and forestry will be created pellets and briquettes to feed biomass boilers)

4. Leverage and enhancing actions of optimization and rationalization of electricity and recovery and utilization of potential natural resources including biomass.

As a result of the Astwood project was still

- Created a regional energy plan for the 2008 - 2009 years approved by the Governing Board of AMCB on December 27th, 2007.

- It was signed a letter of commitment by AMCB assuming the investment of 1% of its budget on projects rationed to the promotion and production of briquettes and pellets. In this same letter of intent, AMCB was assumed the responsibility to intercede in the presidents of municipalities areas to also spend about 1% of its total budget on promotion of investment projects and deployment of units of production of briquettes and pellets.

Although during the project was developed a software in which the AMCB also collaborate and has been promoting and disseminating on their members and target groups involved on the biomass sector. It was also signed an agreement between 5 municipalities and AMCB that aimed the implementation of the strategy of sustainable uses of biomass defined throughout the project ASTWOOD as well as the optimal utilization of forest biomass from the cleaning and pruning of public forests or private areas for production of pellet and briquettes.

The same agreement also related to the implementation of the Software (Decision tool) in its area and near of the key actors and on industrial sector.

We should note that the project was welcomed by the community in general and that it appeared that there were some changes in the issue of biomass white the implementation of this project, including the issue of awareness, the exposure of the advantage of biomass and how we can used it in our homes or companies and industries.

AMCB is currently building a CIRVA – Environmental Center for Collection and Valorization in Sabugal that aiming to collect and recycle waste and agricultural biomass for processing into pellets and briquettes. There are also projected three more centers that are expected to be constructed during the year 2009. These 4 centers are part of a network of forest biomass Collection managed by AMCB.

It is intended in the near future and with the support of municipalities and government instances in each municipality develop a pilot project of installing a biomass boiler on a dependency (of the municipality building, sports halls, swimming pools or schools) so at raising the population and the leaders of the municipalities about benefits of use the boilers that are feed by pellets and briquettes.

We will continue with the promotion of Decision tool that were developed during the project, available at the Web site [www.astwood.info](http://www.astwood.info) and in [www.amcb.pt](http://www.amcb.pt).

**Contact for more information:**

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Main contact

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- **Brochure**

Covilhã | AMCB | 10 DE OUTUBRO DE 2008

## SEMINÁRIO

### APROVEITAMENTO DE BIOMASSA PARA FINS ENERGÉTICOS

"o início de um novo ciclo para a floresta da beira interior"

**14h30 Sessão de Abertura**  
Dr. Carlos Santos, Secretário Geral da AMCB

**14h45 "Metodologia para recolha/extração dos resíduos florestais e processamento da biomassa na Cova da Beira - WP3 Astwood"**  
Eng. Jorge Antunes – AMCB

**15h30 "Utilização de Biomassa para Produção de Energia Eléctrica – Dados dos Últimos Anos"**  
Eng.º João Casteleiro, assessor da ENERAREA – Agência Regional de Energia e Ambiente do Interior

**15h55 "Planos de Defesa Florestal"**  
Dr. Márcio Gomes, - ENERAREA – Agência Regional de Energia e Ambiente do Interior

**16h20 "Estratégia para o usos sustentável da Biomassa na Cova da Beira – WP4 Astwood"**  
Eng. Jorge Antunes – AMCB

Coffe brack

Debate

**17h05 Visita técnica (caldeira de Biomassa de Valhelhas – Guarda)**

**18h45 Sessão de Encerramento**  
Dr. José Manuel Custódia Biscaia, Presidente da AMCB






**Apoio:**




**Parceiros Astwood**



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Morada: \_\_\_\_\_

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- **CD Astwood software tool**



**PHOTOS OF THE EVENT**