

BIOENERGY PRODUCTION IN RURAL AREAS.


Energy assessment and
sustainable management of
Mediterranean Forest

PROFOMUR: Asociación de
Propietarios Forestales de la Región
de Murcia.

Consejería de Agricultura y Agua
8th and 9th of September, 2011

A stylized, dark teal silhouette of a mountain range is positioned in the bottom right corner of the slide, partially overlapping the text area.

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- A stylized, layered mountain range graphic in shades of teal and blue, located in the bottom right corner of the slide.

1. ¿What is PROFOMUR?

- ◆ Is the Forest Owners Association most important of the Autonomous Community of Murcia, has:
 - ✓ 219 members
 - ✓ A total of 62.000 ha associated
- ◆ PROFOMUR was founded in 2005 and is a partner of other private forest organizations:
 - ✓ **COSE** (*Confederación de Selvicultores de España*), Association of Forest Owners Associations in Spain.
 - ✓ **ARCMED** is the Association of Forest Owners Associations in the Mediterranean (*ARCO MEDITERRÁNEO*)
 - ✓ **CEPF** is the Confederation of European Forest Owners

2. Objectives of PROFOMUR

- a) Forest management of private woodlands
- b) Highlight the importance of private forest property in land management and goods and services generated
- c) Social recognition of the role 'public' efficient private forest

4. Signing of the Autonomous Community of Murcia for the promotion of Biomass in November 2010

AUTONOMOUS COMMUNITY:

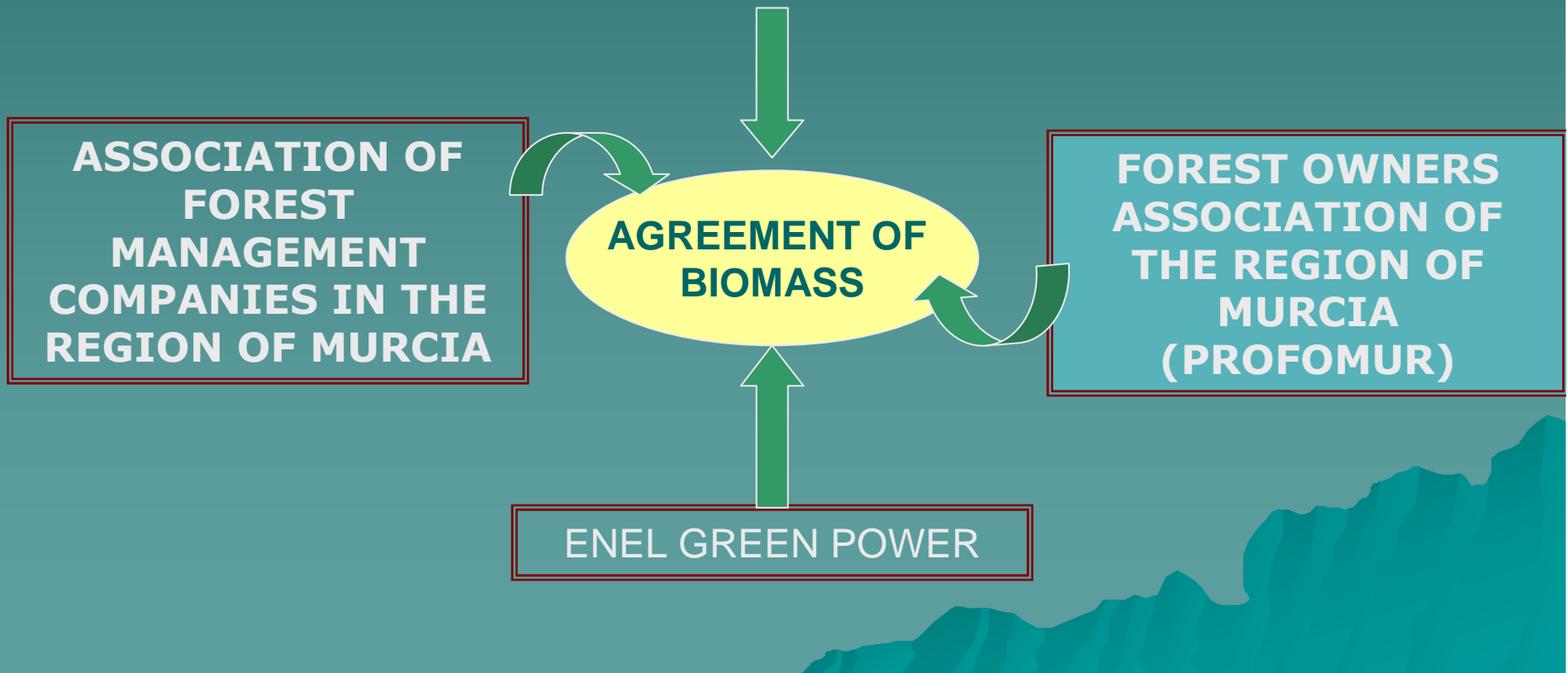
- ✓ *Consejería de Agricultura y Agua*
- ✓ *Consejería de Universidades, Empresa en Investigación*
(Dirección General de Industria, Energía y Minas)

**ASSOCIATION OF
FOREST
MANAGEMENT
COMPANIES IN THE
REGION OF MURCIA**

**AGREEMENT OF
BIOMASS**

**FOREST OWNERS
ASSOCIATION OF
THE REGION OF
MURCIA
(PROFOMUR)**

ENEL GREEN POWER




5. PROFOMUR for the Agreement

If you intend to make an industrial plant energy production from forest biomass, PROFOMUR is the social agent most appropriate to provide two prerequisites for the viability of the power plant:

- ✓ **Secure supply of biomass in the long term (more than 15 years)**
- ✓ **Regular prices in the medium and long term.**

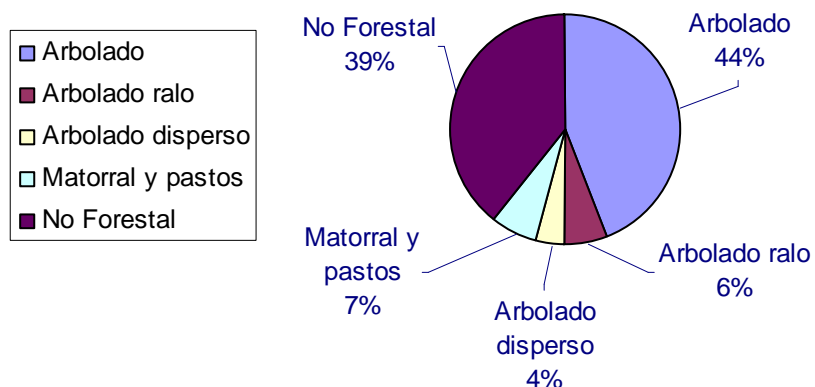
Needs

- ◆ Associative structure to link the partner with the project
 - ◆ Loyalty to the partner throughout the project life (15 years)
 - ◆ Manage technical and administrative procedures
 - ◆ Investment in forest land structures (forest tracks)
- 
- A stylized, dark teal silhouette of a mountain range is positioned in the bottom right corner of the slide, partially overlapping the text area.

- ◆ Municipalities with the highest number of forest land associated with PROFOMUR are from the Northwest Region: Moratalla, Caravaca y Cehegín.

Stocks of wood and firewood in the Northwest Region

DISTRIBUCIÓN DE LOS TERRENOS FORESTALES EN LA COMARCA DEL NOROESTE (238.060 ha)

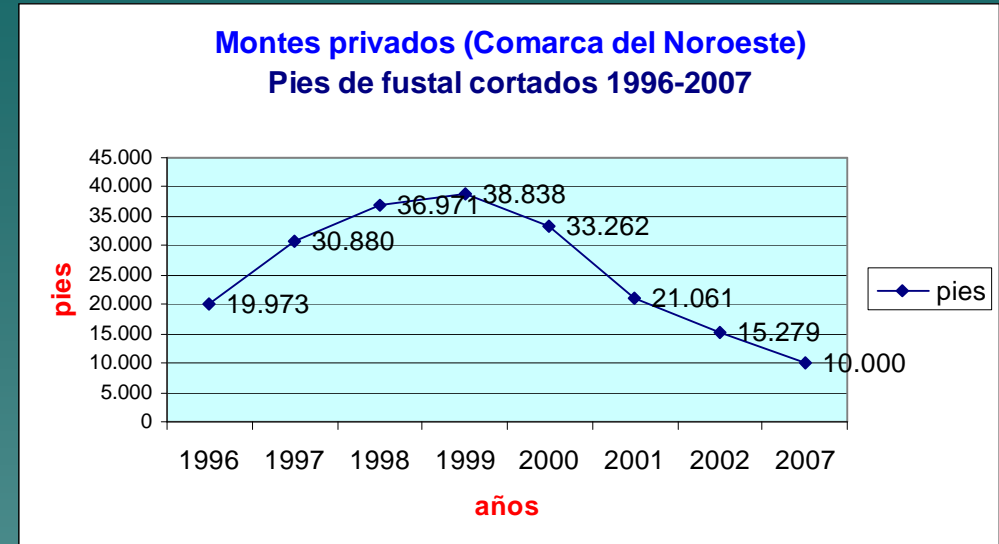


54% OF THE COMARCAL
AREA ARE WOODED
FOREST

58% OF WOODED MASSES ARE
PRIVATES; 26% ARE MUNICIPAL FOREST
AND 16% ARE OWNED BY THE
AUTONOMOUS COMMUNITY



Annual timber harvests in the Region



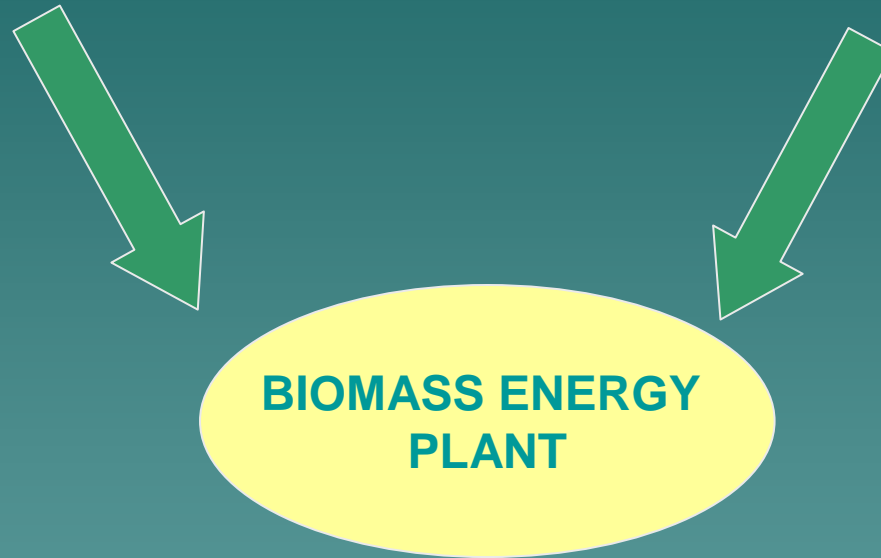
+ 95% OF TIMBER HARVESTS CALLED FOR IN THE NORTHWEST REGION

IN THE BEST YEARS, HAVE NOT EXCEEDED 10.000 TONS OF ANNUAL TIMBER HARVEST, THROUGHOUT THE REGION (NOT INCLUDING FIREWOOD). NO MORE THAN 8% AVERAGE ANNUAL GROWTH.

Regularity in the harvesting of firewood and timber

FIREWOOD AND TIMBER PRICE

AID FOR SILVICULTURAL WORK



PROFOMUR IS THE SOCIAL AGENT CAN REALICE
PRICE STABILITY IN FOREST BIOMASS IN THE
REGION

THANK YOU

President of PROFOMUR:
D. Francisco Carreño
Sandoval