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Pine wood nematode at EU level

Status and trends

FORRISK workshop - November 2013



Can we improve communication and cooperation on Pine wood nematode between countries?

- The EU regulation
- A tentative webpage by EFIATLANTIC
- The practice
- Challenges and benefit for a Pine wood nematode group



The EU regulation

- Three directives evolved with time and situation:
 - From simple general eradication measures (2000/29/EC)
 - Additional recommendations related to pine wood nematode biology and transportation (2006/133/EC)
 - Additional recommendations related to new situation when eradication appears unrealistic (**2012/535/EC**)



Item covered by directives in affected countries

- Portugal buffer zone with annual survey to prevent PWN introduction – **MS** and EU should be informed
- Eradication in demarcated area (infested + buffer zone) for 4 years AND containment zone
- Operator and public should be informed of these zones
- Movement of susceptible material in demarcated areas subject to restriction and control
- Facilities to treat material with information to MS and EU : list of producer and facilities



Item covered by directives general

- Revision of decision after 3 years to take into account technical and scientific development
- Audits check measures implemented by MS and provide recommendations



Item covered by directives in non affected countries

- Preparation of contingency plan with evaluation send to EU
- Annual survey to prevent PWN introduction
- Communication to EU of the survey result

Member State:									
General forest surveillance									
No of hectares with host species	No of hectares inspected	No of observation points ¹⁾	No of inspections ¹⁾	No of samples taken	No of positive samples	No of <i>Monochamus</i> traps	No of vectors trapped	No of samples of vector analysed	N° of positive samples of vector

¹⁾ Only applicable if targeted inspections are carried out at predefined observation points (e.g. geo-referenced)

Risk areas ²⁾								
No of risk areas identified	No of risk areas inspected	No of inspections	No of samples taken	No of positive samples	No of <i>Monochamus</i> traps	No of vectors trapped	No of samples of vector analysed	N° of positive samples of vector

²⁾ Surveys at sites with the highest likelihood of pinewood nematode (e.g. forests within 5km radius of harbours) - see EU survey protocol 2009

Nurseries								
No of nurseries	No of nurseries inspected	No of inspections	No of samples taken	No of positive samples	No of <i>Monochamus</i> traps	No of vectors trapped	No of samples of vector analysed	N° of positive samples of vector

Wood processing industry (wood inspection)								
No of sites identified	No of sites inspected	No of inspections	No of samples taken	No of positive samples	No of <i>Monochamus</i> traps	No of vectors trapped	No of samples of vector analysed	N° of positive samples of vector

Please use this form for the data submission and please do not change the format.

If you may wish to send regional data in addition to the national data to the Commission, please use separate forms for each of the regions

Conclusion on Legal framework

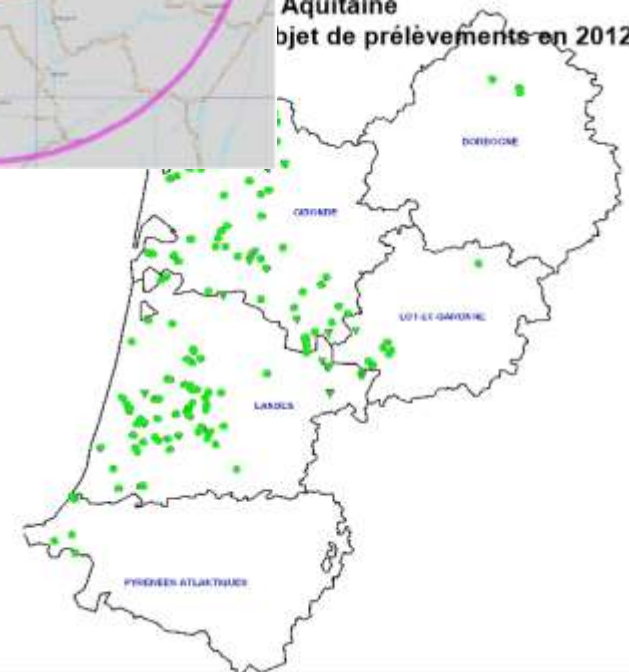
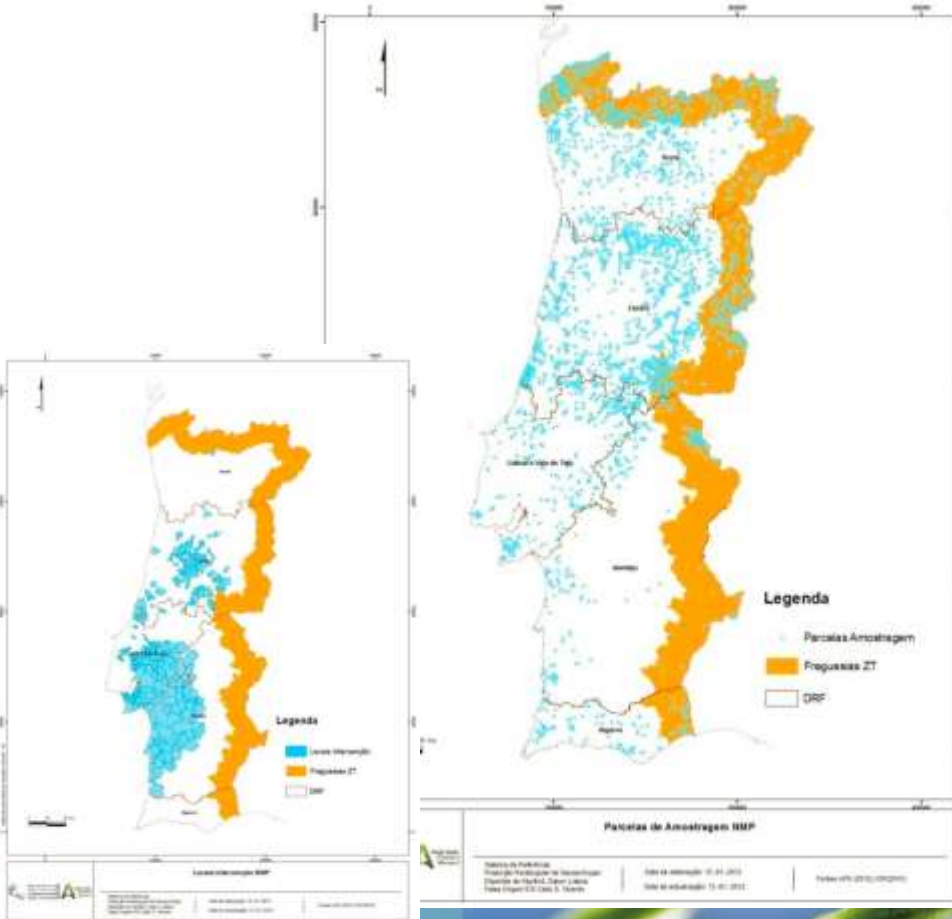
- All component are there :
- Definition of zones including 3*300km clearcut-beld
- Definition of wood treatment and certification of societies
- Definition of eradication and buffer management
- Definition of road control
- Audits
- Co funding : 19 millions (clear-cut belt), 21M heat treatment, 9M monitoring...



Lot's of information available online even maps



Aquitaine
objet de prélèvements en 2012



A tentative « information centre »

- Some of the document are hidden on EU website and not easily found, especially when national administration don't refer to it
- A webpage with all up-to-date links can help
- Can work only with support of a group

- Legal framework
- Ongoing EU actions
- Norms for treatment
- Organisations in charge of PNW risk management
- Publication of interest in many languages



- ▶ Research
- ▶ Databases
- ▶ ADVOCACY
- ▶ Networking
- ▶ News
- ▶ Events
- ▶ 2013 ICPF
- ▶ Newsletter
- ▶ About EFIATLANTIC
- ▶ Sitemap
- ▶ search

Pine wood nematode (*Bursaphelenchus xylophilus*) information centre

This webpage gather information related to pine wood nematode of interest for forest sector. It has been initiated by EFIATLANTIC in the frame of the [FORRISK](#) project and on the request on Pine wood nematode group.

The pine wood nematode group gather few persons interested in a continuous exchange of information on this topic to support coordination between administration, scientists and stakeholders to inform on Pine wood nematode risk and contribute to its mitigation. This group result of a wish expressed during the [Nematode day](#) where the biology and the history of Pine wood nematode introduction are described.

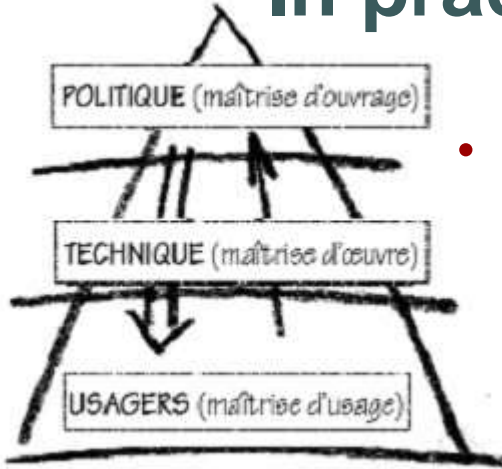
Legal Framework

Many EU decisions refers to the Pine wood nematode, some of them were summarised during the [Nematode day](#).

- Directive [2000/29/EC](#) on protective measures against the introduction into the Community of organisms harmful to plants or plant products and against their spread within the Community; it defines all the treatments required on wood products coming from Portugal in annexa and phytosanitary documents required for at risk material.
- Decision [2005/133/EC](#) (including 2009 modifications) has been abrogated in



In practice



- In practice the comments from stakeholders are :
 - Lack of information
 - Lack of concertation between boundaries
 - Unadapted measures (what to do with wood in buffer zones)
 - Administration having “simply” applying rules
 - Lack of economical considerations
- Scientist criticises some of the measures:
 - Eradication without trapping
 - Monocamus flight capacity...

CONCERTATION ?

QU'EST CE QUE
vous voulez ?



In practice : the transboundary issue

- The demarcated areas are supposed to be transboundary :
 - Was it the case in Galicia?
 - How is it organized?
 - Coordination for road controls?
- Member states are supposed to communicate the demarcated areas to other MS in one month!
 - List managed by EU is online transmitted to who?
 - Global optimisation?



Challenge for communication and PWN group

One step done ambitious programme for the PWN group of 7 persons:

- **To monitor issue and status of nematode in Europe** (and in the world?)
- **To produce a reference information centre**
- Spread the results of scientific projects
- To provide information on genetic breeding and conifers more susceptible to be affected by the damage
- To exchange about ongoing measures and monitoring in the regions concerned by Nematode
- Listing and comparison of existing measures at European/national/regional level
- Estimate of impacts (economic, sanitary, ...) of this measures
- Dialogue between experts

LACK OF RESSOURCES

Challenge for communication and PWN group

Information is there but not always easy to reach:

- Linguistic barrier
- Intellectual assumption : the truth is hidden
- Delays : many versions of documents
- What information is useful?



Challenge for communication and PWN group

Information is there but not always easy to reach:

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- Intellectual assumption : the truth is hidden
- Delays : many versions of documents
- What information is useful? (does everybody need a real time map of positive sampling in Portugal or only Spanish administration?)



Conclusion

- Good framework organized by EU ; lot of pressure on MS
- Concertation process initiated by EU with sub-group « Harmful organisms in forestry » with EPPO + all EU DG involved, no local actors
- Other items could match with a EU risk facility for forest
- Main role of PWN group from south west Europe :
 - to update the webpage?
 - Provide info in Portuguese, French and Spanish?
 - Join EU group?
 - Initiate studies on economical impacts
 - Missing competence or persons?

