

# Caisse de Prévoyance et de Protection des Forêts du Sud-Ouest

Contribution of the project for forest risk  
management in New Aquitaine

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# Presentation

- Caisse Phyto Forêt :

Interprofessional association to help, through collective actions, forest owners, to face expenses of prevention for phytosanitary problems.

- In the Plurifor project :

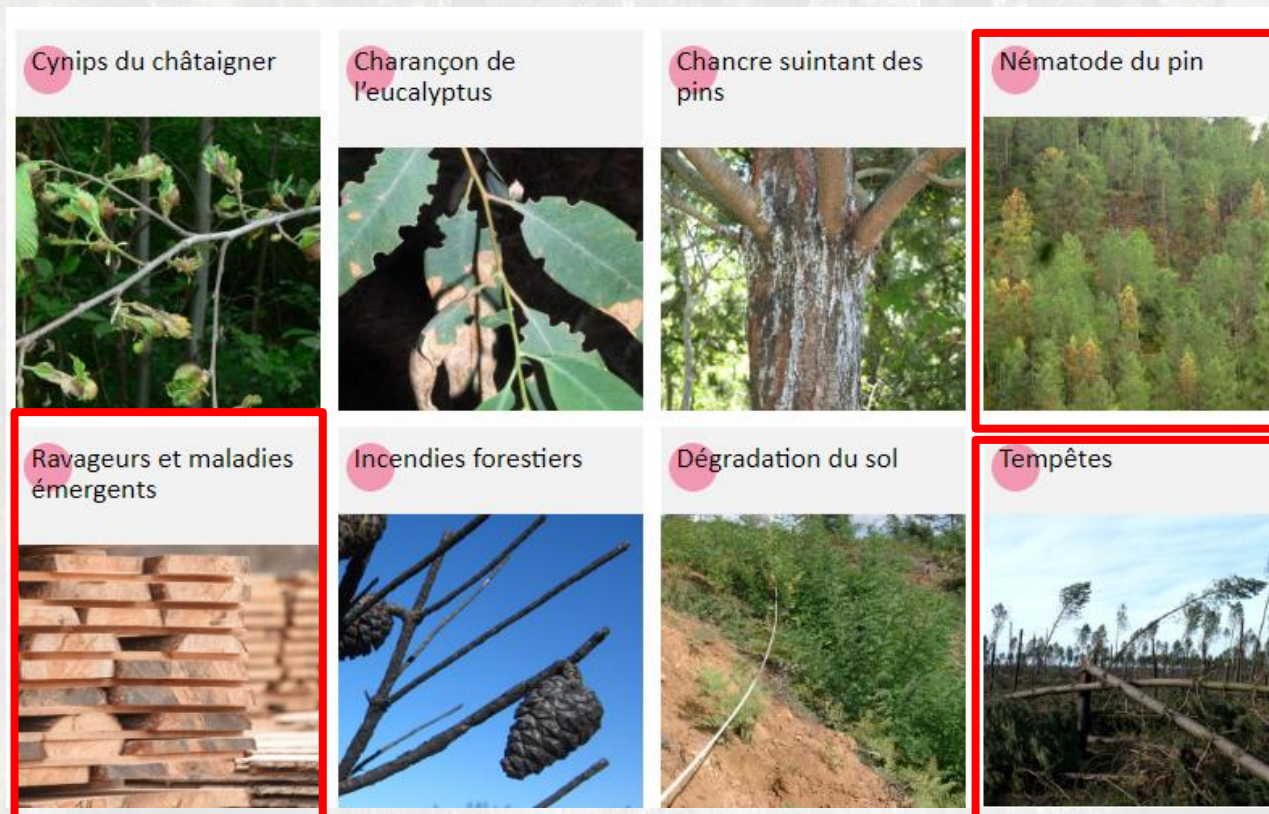
represents **Union of Foresters** of Southern Europe  
(Union for Foresters in the South West in France  
- 6 000 members)



# Plurifor (2017-2019)

## transnational plans for the management of forest risk

Cross-border collaboration to develop regional and transnational risk management plans for forest areas susceptible to biotic and abiotic hazards



# Storm risk

- Prediction
- Prevention
- Management
- rehabilitation



**Plan national de gestion de crise tempête  
pour la filière forêt-bois**



MAA/DGPE/SDFE/SDFCB/BgeD - Septembre 2018

# Storm risk

- ForetTempete : 2 tools

1- The modele calculates the vulnerability and risk of damage to forest stands by wind for key species of New Aquitaine according to species, age, stand management and location.

2- Set of cards showing the height at which stands of a given species (even though it is not yet present in the site) reach a level of X% probability, for a year, of being damaged by the wind

- best practice forest guidelines concerning storm damage
- Add a new section “international partnership” in Storm risk management plan

# Storm risk

Forest owners  
and managers



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# Pine Wood Nematode

- Improve methods of detection of infected trees based on remote sensing (3 scales)
- Models : Prediction (no significant) et Extension
- Improve simulation model of the *Monochamus* dispersal flight to optimize the design of the trapping network



# emerging pests ~~and diseases~~

-2017-

- Investigate capacity of REINFFORCE arboreta network to detect the presence of invasive species;
- Test urban forest versus rural areas for early detection of new emerging species using box tree moth as a study case;
- Update the EFI web field guide for pests and diseases with information for new invasive species.

-2019-

Emerging pest risk management plan

- Theoretical
- Consultation ? Action ?

# SYLVALERT



Silvalert is a website and a phone app that aims at collecting information about damages observed in forest.

Each user having an account can report on a damage observed onsite by taking a picture geolocalised and sending it to the system and appropriate forest authorities.



- Test : Approximately 15 foresters participated in 2018
- Presentation 07/12/2018 : Approximately 100 attendees

- Foresters
- Students
- Professionals (forest and wood)



**Thank you**

