



FORRISK Final conference

Bilbao – 9th September 2014

Institutional tools for risk management in the project regions

<u>Project partners</u> : EFI, ISA, CETEMAS, NEIKER, HAZI, INRA, CRPF, CNPF/IDF, FCBA, TRAGSA







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Methodology







Methodology overview



Inventory and analysis of existing tools for risk management, anticipation and monitoring:

- At a regional scale
- Efficiency observation
- Detection of the presence or lack of a multi risk integration

Action 2.2 : Analysis and comparison of existing tools between project regions

Comparative analysis of systems



Action 2.3 : Improvment proposals

Proposals in order to improve risk management tools in the South-west of Europe => identification of possible cooperations between regions







Methodology overview

- [1] Risk general background: risk overview in the region, figures, risk history in the area
- [2] Risk evolution and climate change regarding defence system
- [3] Overview of risk management organisations and their main actions
- [4] Overview of existing laws regarding the risk
- [5] Detailed presentation of each organisation
- [6] SWOT analysis of the general risk management system
- [7] Diagram: stakeholders of risk management systems and their links

	State importance / Grady Low High Very High Image: State importance 0 0 Image: State importan		Summer per year 1714 (ha) 1.09 over burned per 0.12% ease to cooperation a A Cooperation a A Cooperation a A Key issues an A Control to the second s	ction's name: ction's juridical status: of the structure of the organisation of the actions and functioning of the organisation to achieve them equipment and means (human and technical) to achieve their actions and partnership : partnership descriptions and nature of the partnerships hd possible improvements tet and estimation of the percentage allocated to forest protection Positive (to reach the objective) Negative (to reach the objective) Strengths Weaknesses (Internal origin (due to the general organization)	
What are the major event	Average duration Average number of event per year	e against insects and diseases? Which measur	res were taken after the event?	Opportunities Threats External origin (due to external factors, the environment)	
Organisa tions / tre	Organisation type Scale	Actions	Role *Prescriber Prime contractor (Project manager), client, contracting authority		
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Methodology overview

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GIBR

Creation of the grid: April-June 2013 – discussed with partners First test of the methodology (insects and diseases): June-September 2013 – support for a master thesis Fill in of the other grids by all partners (transregional task): December 2013-April 2014 Data analysis: April-May 2014

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Existing tools within FORRISK regions





Efficient prevention of forest fire = strong network of **day-to-day risk managers** + institutional or professional forest/fire organisation. > Prevention of forest fires by managers linked to a **positive economical return from forest production**.

Efficient fighting operations = a chain of command and procedures similar to military ones + firemen specialised in forest fires

High proportion of **unknown origins of fire** is all regions: improve the investigation of causes of fire outbreaks (use the same classification) + index them in a common database (EFFIS?)





Efficient crisis management = involvement of forest stakeholders (as forest cooperatives, forest technicians...)

> Need for elaboration of **contingency plans** (to normalise role, cooperation and procedures of such stakeholders during a crisis, such plans may also integrate means to avoid the downfall of wood prices).





Two main concerns about insects and diseases: their **spreading** between countries and their **increasing adaptation and evolution** of threats due to **global change**.

>Trade of plants with proven risks should be avoided; sanitary controls at the borders should be reinforced as well as **implication** of forest industries on healthy wood trade.





Main challenges of hunting and wildlife management : conciliate the stakeholders & their perception of the risk.

> set a dialogue between stakeholders thanks to **objective tools**, meetings, field visits, ...





> Identify the threats, pressures and risks of degradation to soils related to forest management

> Create tools for policy makers (i.e.: map identified sensitive areas for soil degradation; map the potential risk of erosion, ...).

> Regulate the management operations on sensitive soils repressing the unsustainable management and subsidising sustainable management with incentives, for example, the **payment of environmental services** (PES).







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Key points and recommandations for risk management in favour of forest protection







Gather forest owners and strengthen networks of stakeholders of the forest protection responsible for day-to-day management, as well as for crisis management: -To adopt common and collective protection measures regarding hazard, vulnerability and stakes

- To be **proactive**, represent and defend forestry interests in front of the public authorities





Encourage the economy and the forestry development in favour of forest management and protection

i.e., : forest owners associations against forest fire involvement of forest/wood sector professionals after the storm





Ensure the involvment of local elected officials in the system of protection



Solidify and conciliate the perception of risk of the **public**, the **elected officials** and the **forest owners**: by improving communication and raising awareness to the culture of risk; by gathering different types of territorial stakeholders (researchers, foresters, visitors, firemen, hunters, etc.)







Adapt and simplify the legislative tool to the singularity of the forest sector, without impedition to the development of activities of protection.



Develop the multirisk management approach by creating multirisks and regionalised decision support tools for forest owners in order to help them integrating risks more easily in their forest management practices.







Share protection measures at the level of the risk area being the most relevant level for risk management and which varies according to the hazard.



Implement a system of assessment of the efficiency of the protection measures taken, independant of the risk management system







Develop and make durable the monitoring tools to: launch alerts and engage fighting operations; monitor the evolution of hazards and thus adapt methods of prevention, forecast and fight to the level of risks, the global changes; and improve the knowledge about the risks

Anticipate crisis management with contingency plans:

these plans should define the role of forest stakeholders and may also integrate procedures to avoid major market disruption.







Develop and share knowledge about the risks in order to have reference data, to alert, to advise and improve risk management. Facilitate the access and readability of the results to the end users. Make use of the available data collected.

Develop training about risk management within forest management training networks: risk management could be added to the existing training programs in forest universities or other training centres for forest owners and professionals.









Merci! Gracias! Obrigado!

