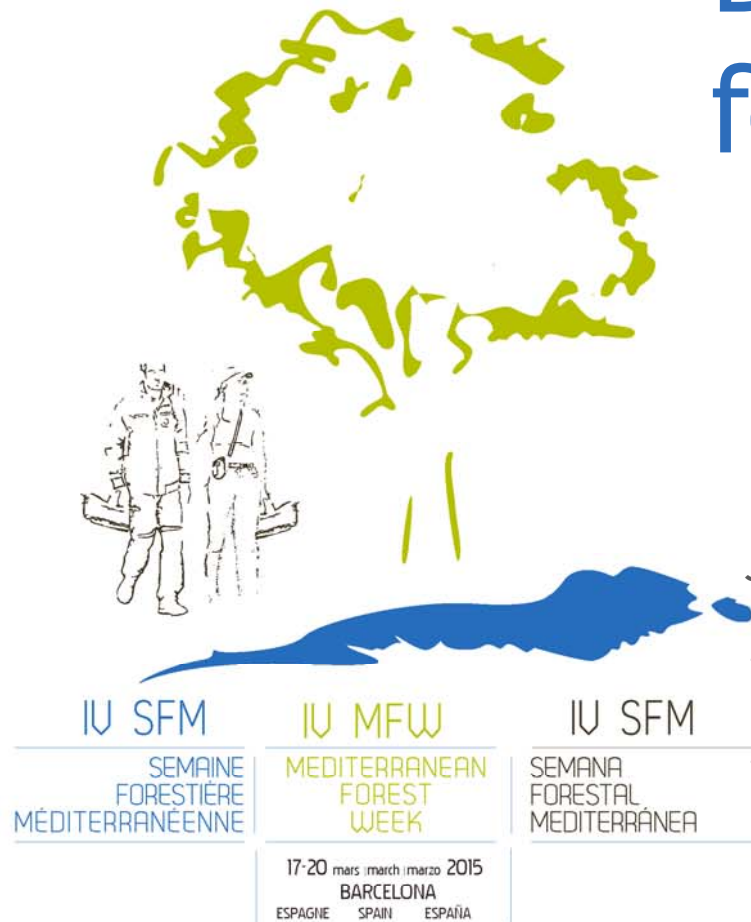


# Drinking water from forests: a richness ?

## How to develop partnerships ?



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# French private foresters works on forest and drinking water



2006  
Economical valuation  
of forest services for  
drinking water  
(CNPf / INRA)



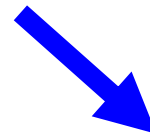
2009  
Legal constraints to  
build contracts



2013  
Developp contracts  
"Eau + For"  
programm

- Forestry water: a richness ?
- How to develop partnerships ?

- Forestry water: a richness ?



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- Forestry water: a richness ?



In France, 55% think that wastewaters are directly retreated in plants to produce drinkink water (survey C.I.EAU / TNS SOFRES - 2008)

⇒ **Wrong idea**

- Forestry water: a richness ?





- Forestry water: a richness ?



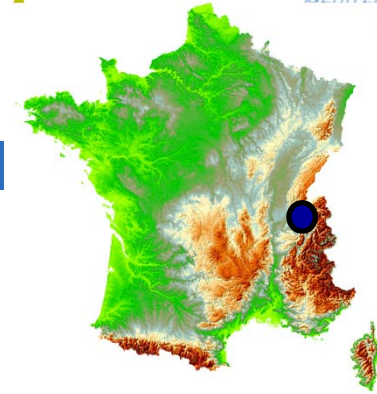
What's the value of good quality water for drinking purposes, from the start, thanks to forest ?

- Forestry water: a richness ?

## Catchments in forests: resources to preserve

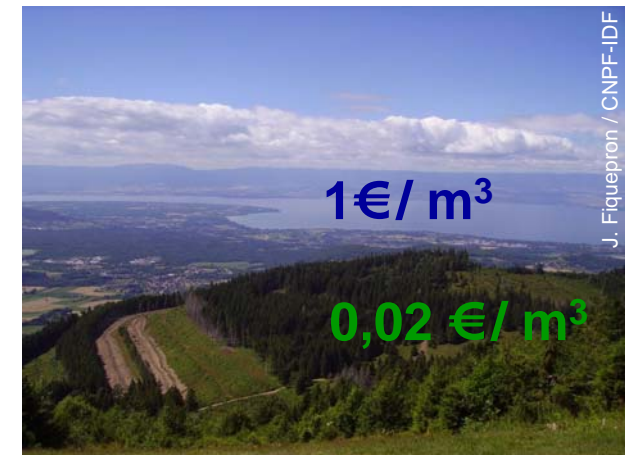
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- Case study of the Syndicat intercommunal des eaux des Moises (SIEM)  
*Interreg Alpeau project*



Pumping lake water: 41 times more expensive than water from woodland springs.

Pumping treatments costs 93 times more than woodland springs (0,26 versus 0,03 €/m<sup>3</sup>).



An accidental increase of turbidity may cost 69 000 €: more than 5 € by subscribers. Without the loss in terms of image and confidence for subscribers !

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[www.med.forestweek.org](http://www.med.forestweek.org)

- Forestry water: a richness ?



### A real partnership:

An association gathering the local water supply service and the foresters (ASL forestière du Mont-Forchat)

### Origin of the partnership:

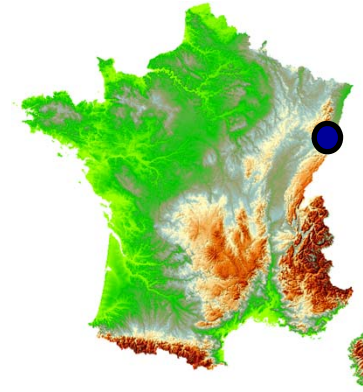
Since a turbidity accident caused by logging operations, the SIEM wants to develop prevention in forest areas of the catchment

### The actions:

- Establishment of global sustainable management document
- Construction of a forest road
- Contract with **6 €/m<sup>3</sup>** of wood for additional harvesting costs



- Forestry water: a richness ?



- Case study of Masevaux

**Forest management dedicated to water quality**, catchments of springs in forest

Additional forest management costs:  
from **40 €/ha/an**

to **80 €/ha/an**,  
(with cable logging in general use)



It is vital to preserve woodland springs, which can be used to supply natural water at very competitive costs

A richness... but costs also !

- How to develop partnerships ?

- Limits, a big gap between

- General speeches

- 2012, WWF6: green economy
- 2007, Varsaw resolution (PES)

- Actual decisions

- For many water producers « Forest is not an issue » and régulations are adequate.  
Priority on polluted watersheds ;
- Many foresters are not involved: don't want another process with constraints.  
Some prefer « doing right, without telling they do so ».

- How to develop partnerships ?

- Tools to develop partnerships

A technical guide “Protect and value forest water”, with operational forest guidelines to protect water quality.

Take advantage of the good image of water from forests: label “eau forestière” (forest water), in collaboration with Ecocert company.

Share methods and animation costs with other environmental services: carbon, biodiversity... in addition with wood production.

**PROTÉGER ET VALORISER  
L'EAU FORESTIÈRE**



Guide pratique national, réalisé dans le cadre du programme « EAU + FOR » - 2014

# Thanks for your attention



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## To go further:

<http://www.foretpriveefrancaise.com/woodlands-for-drinking-water-259672.html>

[http://www.foretpriveefrancaise.com/who\\_are\\_we/](http://www.foretpriveefrancaise.com/who_are_we/)



