

WOODLANDS FOR DRINKING WATER: AN EFFICIENT WAY TO PRODUCE CHEAP, HIGH QUALITY DRINKING WATER



TIME FOR SOLUTIONS

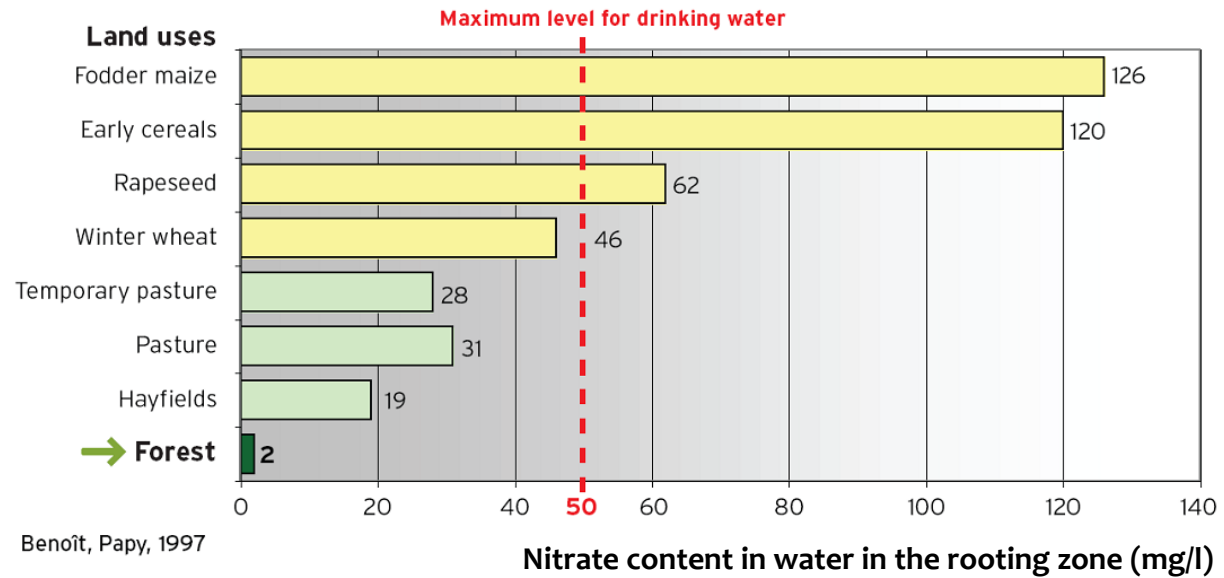
Julien FIQUEPRON,
forest and water engineer,
CNPFF-IDF (France)
15 March, 2012, Target 3.1.2

DRINKING WATER QUALITY ISSUE

Forests protect water and foresters can help to preserve it

Forests protect water

Nitrate



- Herbicides : used **450 times more frequently** for cereal crops than in forests.

Foresters can help to protect water

- The fact that water quality from woodlands is usually good doesn't mean that nothing needs to be done !

They have to be cared for to make their protective role as effective and enduring as possible.

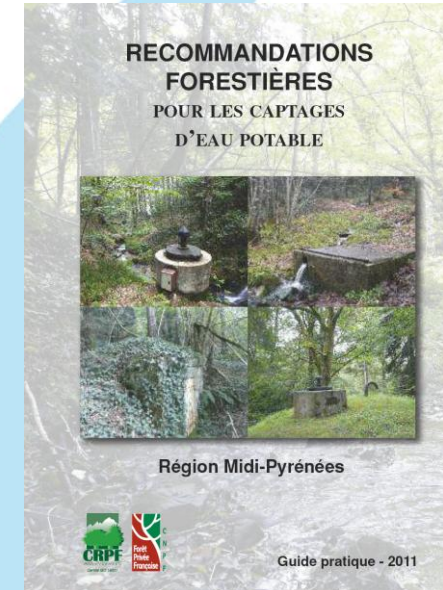
Associating forest managers in the achievement of good drinking water quality, through innovative contracting methods

Additional objectives of the contracts

- maintenance of the forest environment and ecosystems
- afforestation
- dedicated forestry practices (from felling operation methods to forest stand management)
FOREST GUIDELINES FOR DRINKING WATER CATCHMENTS
- coordinated management of forest stands
- “forestry water” certification (for natural drinking water produced in forests where owners are committed to practices that preserve and ensure good water quality).

How much does it cost ?

- Additional costs of woodland management : 33 to 75 €/ha
(0,03 to 0,07 €/m³)



How to develop this solution ?



🔥 *Players working on the solution*

- 🔹 For private forests, the CNPF (National Center for Forest Owners) is in charge of the project, in close collaboration with the French Federation of Private Foresters. The Ministry of Agriculture is providing financial support.
- 🔹 For public forests, the *Office National des Forêts* is leading the project
- 🔹 local water supply services (SIEM, city of Masevaux, city of Rennes)

🔥 *Consider foresters as water stakeholders*

🔥 *The main needs to upscale this solution are:*

- 🔹 political support in order to reach financial resources,
 - > A different way of using financial resources: fund prevention than remediation
- 🔹 communication development between forest and water actors
- 🔹 « Water is not just a question of pipes, it requires also territories and people »



MARSEILLE - FRANCE

TIME FOR *SOLUTIONS*

MERCI / THANK YOU

worldwaterforum6.org
solutionsforwater.org



julien.fiquepron@cnpf.fr

foretpriveefrancaise.com