

# AFORCE

RMT

for adaptation of forests  
to climate change

- › Accelerate knowledge dissemination
- › Provide decision support tools
- › Supervise adaptation initiatives
- › Inform, exchange and test

**A network to help forest managers  
prepare forests for climate change**

# Meeting the climate change challenge together



## Background

AFORCE was founded in 2008 under the impetus of forest managers based on the recognition that climate change is now a major issue for the future of forests, requiring:

- rapid transfer and frequent updating of knowledge
- joint coordinated initiatives
- clear, supported, convincing and efficient recommendations, to be able to respond appropriately in uncertain and high risk situations.

## Partners

AFORCE brings together organizations involved in knowledge transfer to forest managers.

### Research and higher education



Coordination unit

### Development, management and technical training





## Missions

**Creating** forums for collaboration and exchange

**Producing** decision- and assessment-support tools

**Mobilizing** and disseminating information to professionals

**Promoting** the creation of joint projects

**Coordinating** initiatives, consolidating already obtained results

**Encouraging** collective expertise and experience sharing

**Providing** summaries, training content, procedures

**Promoting** new services and supporting their implementation

**Formulating** questions for research

## Focuses

Testing technical solutions and new silviculture strategies



Selecting species and sources



Risk analysis and economic assessment of management decisions



Developing adaptation strategies



# A few initiatives

## 1 Coordination of groups of experts

On-site assessments and species selection

Water management in existing silviculture stands

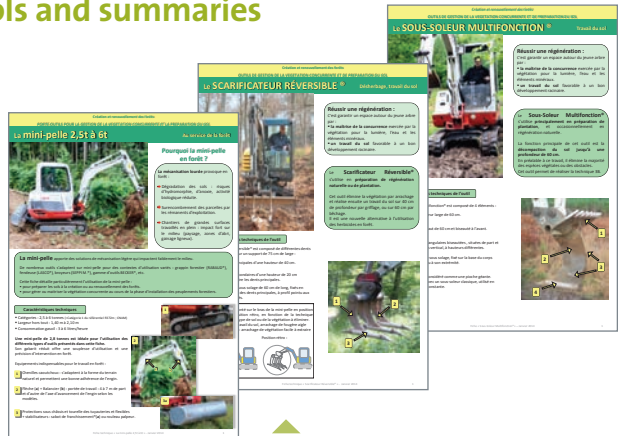
Stand creation and renewal



## 2 Organization of thematic workshops

Information and exchange days organized to showcase recent knowledge and innovative projects on a given topic, to highlight new management lessons learned or to promote feedback from practicing foresters.

## 3 Production tools and summaries



PILOTE factsheets on competing vegetation and tillage management tools in dryland areas.





Recommendations for Atlas cedar stand planting and management in a climate change context

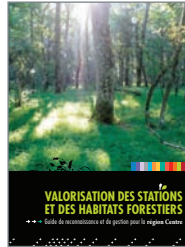


Summaries of knowledge on the impact of climate change and adaptation strategies—to be used as input for the 2015 ONERC Report

Guide for the management of forests affected by a sanitary crisis, presenting good forestry practices to cope with such situations



Forestry research guide to streamline experimental practices, with recommendations for setting up climate change studies



Guide for selecting tree species in central France, taking climate change and its impacts into account



ARCHI, a support tool for sanitary status assessment based on tree architecture to determine the reversibility or irreversibility of forest dieback



Biljou®, a tool for calculating the daily water balance of forest stands, designed for development agents [appgeodb.nancy.inra.fr/biljou](http://appgeodb.nancy.inra.fr/biljou)



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## An innovative approach

- Association of a highly diverse range of stakeholders
- Support for research, development and innovation projects
- Federative approach promoting inter-organization discussion and collaboration
- Dynamic structure progressing to meet changing needs and expectations



### What is an RMT?

It is a form of partnership introduced by the French Agricultural Framework Act n°2006-11 of 5 January 2006, implemented by decree n°2006-1154 of 15 September 2006 (see also the Directorate General for Education and Research/SDRIDCI/ C2007-2004 Memorandum of 13 February 2007). Mixed Technology Networks (RMTs) are selected by calls for projects and then regularly assessed under the aegis of DGER to obtain the RMT label.

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