



Life
tourbières
du Jura

Restore
our peatlands,
what a program!

Operational restoration program
of the Jura Montains' peatlands
of Franche-Comté

A 6-year peatlands program

The "LIFE Jura peatlands" program aims to rehabilitate the overall functioning of a great number of the Jura Mountains' peatlands. This 6-year programme mobilizes significant resources to carry out one of the most ambitious projects of bogs restoration in Europe.

Degraded and endangered habitats...

Even though it took 8000 years for these peatlands to form, human's activities, especially since the 18th century, have wrecked this "natural monuments" network which, at the time, were considered unproductive, unhealthy and dangerous:

- Artisanal but systematic extraction of the peat for fuel use from the 18th to the early 20th century;
- Draining and straightening/channelling of streams;
- Infilling, planting, fertilization, creations of water bodies, waste dumps, etc.

These were compounded by the effects of climate change and atmospheric pollution in the past few years.

...that must be restored to re-establish their patrimonial, environmental and economical role.

The environmental engineering work carried out in the course of this program will ensure the long term restoration of the targeted bogs. These habitats will hence be able to fully fulfil their various functions.

The usefulness of the bogs:

- They contribute to water regulation
- They play a role in water filtration and purification
- They constitute a carbon stock
- They host rare and endangered fauna and flora
- They form highly valued landscapes
- They represent scientific archives on man and climate history

With more than 400 peatlands, the Jura Mountains are one of the richest bog areas in Western Europe.

Half of peatlands in France have been lost over the past 50 years.

60 peatlands to restore on 16 Natura 2000 sites



• 600 hectares restored
 • ¼ of the peatlands of Franche-Comté Jura Mountains will be rehabilitated
 • 6 structures involved
 • 40 municipalities concerned



Expected outcomes

- 16000 m of drain neutralized
- 12 000 m of stream restored
- 7 ha of extraction zone rehabilitated
- 58 ha of tree cutting down or shrub clearing

Key stakeholders

Parc naturel régional du Haut-Jura

Work on 8 sites – 171 hectares affected



Conservatoire d'espaces naturels de Franche-Comté

Work on 5 sites – 22 hectares affected



Association des amis de la Réserve naturelle du lac de Remoray

Work on 1 site – 11 hectares affected



Syndicat mixte des milieux aquatiques du Haut-Doubs

Work on 3 sites – 257 hectares affected



Syndicat mixte d'aménagement du Dessoubre et de valorisation du bassin versant

Work on 2 sites – 42 hectares affected



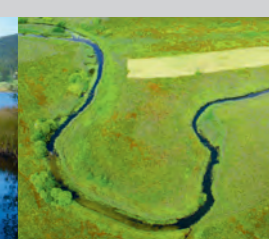
DREAL Franche-Comté:

Work on preparatory work

Most of this restoration work aims to raise the underground water table resulting in a water saturation which fosters peatlands regeneration.

Preparatory work

For an effective and lasting restoration, it is necessary to have a good knowledge of the context and of the causes of malfunctions of the sites. Besides, there will be discussions on land use since the consent of the landowners is needed before each action.



Peatlands in the spotlight

Awareness-raising activities will be held over the 6 years of implementation in order to engage the population in peatlands conservation: film, festivals, development of trails, information boards, educational tools, etc.

A final conference will be organized and best-practice book published to disseminate the results of the program in order to promote its replication on other sites at regional, national and european level.

What is a LIFE program?

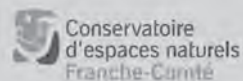
LIFE+ (the EU's funding instrument for the environment) aims at co-financing environmental protection programs in the European Union.

Activities under the Nature strand target Natura 2000 network sites and the protection of species and habitats covered under the "Birds" and/or "habitats" Directive.

What is the Natura 2000 network?

This European network is comprised of natural sites designated to assure the long-term survival of Europe's most valuable and threatened species and habitats.

Name: LIFE TOURBIÈRES DU JURA
Duration: 6 years
(from June 2014 to November 2020)
Overall budget: 8 051 163 €
Location: Jura Mountains of Franche-Comté
Coordinating-beneficiary: Conservatoire d'espaces naturels de Franche-Comté
Associated-beneficiaries: Syndicat mixte des milieux aquatiques du Haut-Doubs, Parc naturel régional du Haut-Jura, Association des amis de la Réserve naturelle du lac de Remoray, Syndicat mixte d'aménagement du Dessoubre et de valorisation du bassin versant et DREAL Franche-Comté
Financial partners: Union européenne, Agence de l'eau Rhône Méditerranée Corse, Conseil régional de Franche-Comté, Départements du Doubs et du Jura



Coordinating-beneficiary

Conservatoire d'espaces naturels de Franche-Comté

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Associated-beneficiaries

Syndicat mixte des milieux aquatiques du Haut-Doubs

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Parc naturel régional du Haut-Jura

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Association des amis de la Réserve naturelle du lac de Remoray

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Syndicat mixte d'aménagement du Dessoubre et de valorisation du bassin versant

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Financial partners



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