

Large infrastructures and developments in socio-ecosystems

An insight from OHMs

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"Substantial planning developments in socio-ecosystems" Session

Large infrastructures and developments in SES

Infrastructures, facilities and works that

- **change the landscape**
- **radically transform the structure and functioning of pre-existing ecosystems**
- **impact society and local areas in terms of new opportunities and 'positive' spin-offs, as well as constraints and even new problems.**

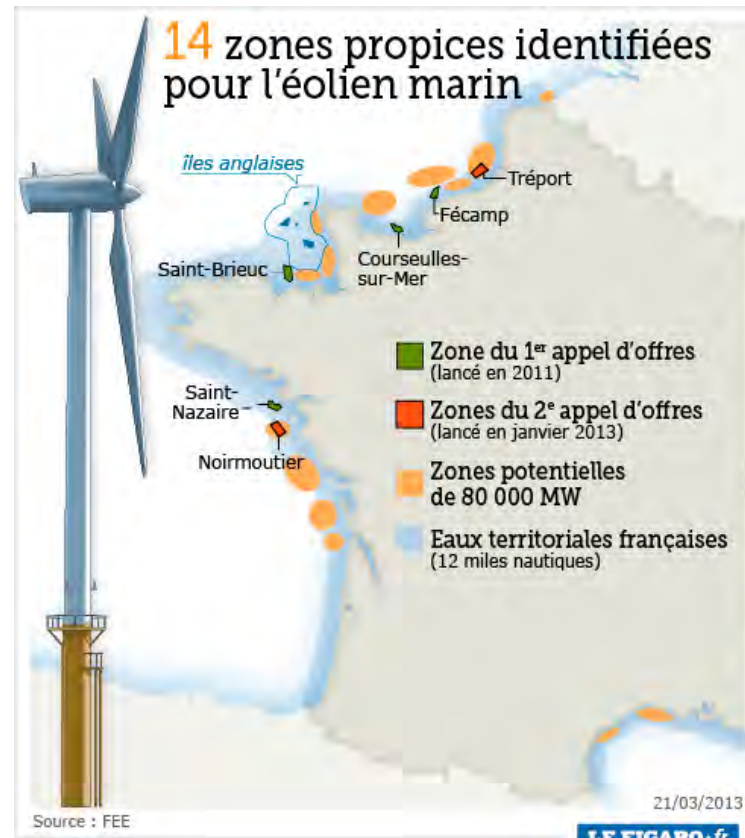
Large infrastructures and developments in SES

Long associated with economic and social development, thanks to technical progress

- Improved mobility
- Water supply
- Energy supply
- Housing comfort
- ...

Today questioned

- Ecological footprint
- Social trauma
- Cost
- ...



Energy transition vs ecological transition ?



Large infrastructures and developments in SES

Existing infrastructures and developments are sometimes contested.

Some are promoted, socially accepted, and contribute to local proud

Projects of new infrastructures and development are conflictual, generate demonstrations and fights between public authorities and opponents

Many are necessary to sustain our way of living (energy consumption, mobility, water demand, ...)

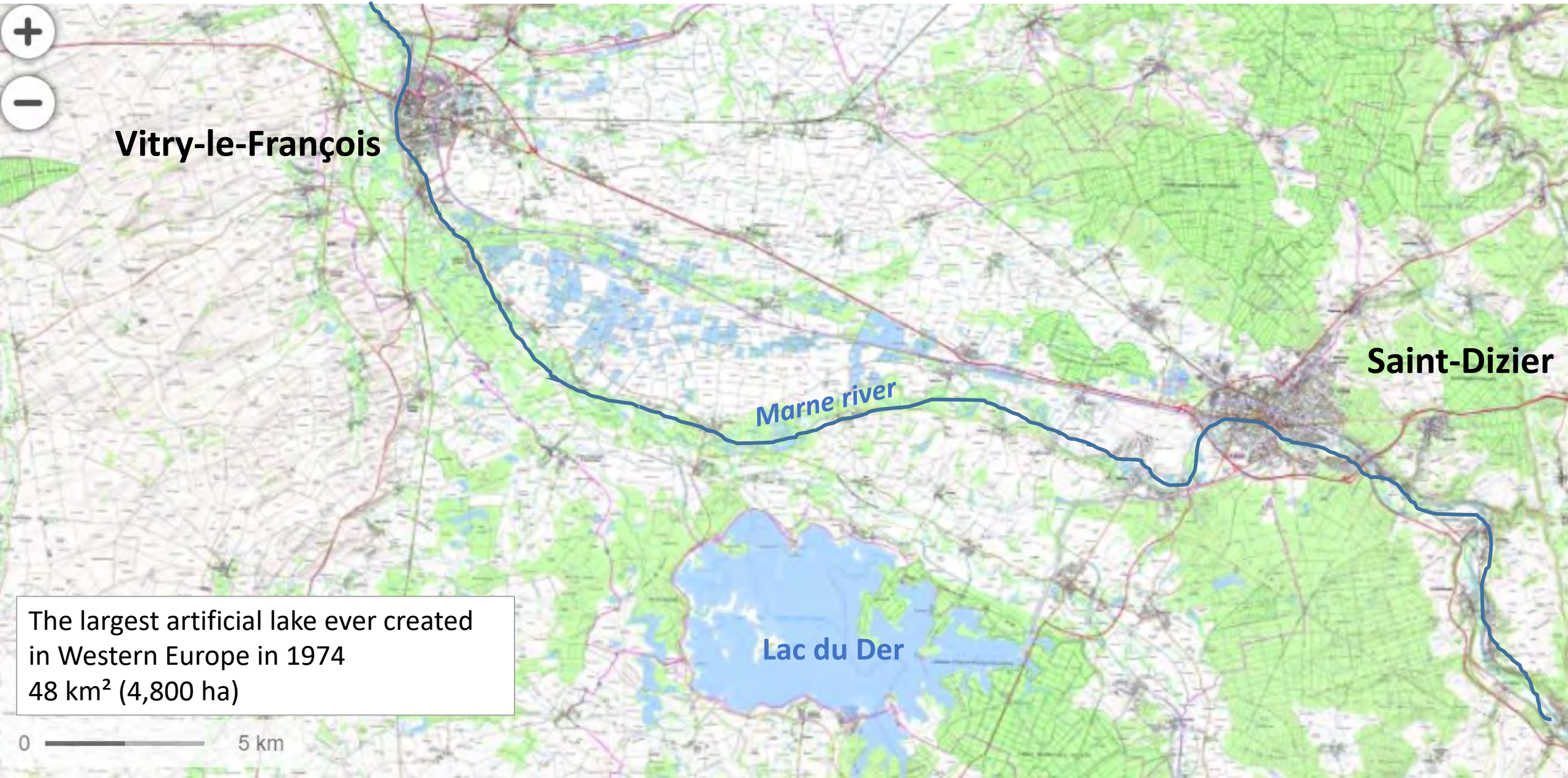
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One illustration : Lac du Der, artificial lake created to regulate river flows upstream Paris



Vitry-le-François

Saint-Dizier

Marne river

Lac du Der

The largest artificial lake ever created
in Western Europe in 1974
48 km² (4,800 ha)

0 5 km

Lac du Der : 50th anniversary in 2024

EXPLORER

À FAIRE

MON SÉJOUR



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Accueil / 50 ANS D'HISTOIRES

A A

LE LAC DU DER

— 50ème anniversaire —



DEPUIS
1974

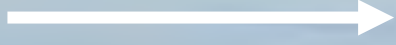
50 ANS D'HISTOIRES

Demolition of three villages
People relocated

[INA](#)

[Origine du lac](#)





Today

Recreative area,
Natura 2000
ZPS for birds



Questioning large infrastructures and developments in SES, with the OHMs

Retour vers le futur ? Rhône-énergie et Aqua Domitia, des aménagements lourds relégitimés sur le fleuve Rhône au nom de la transition énergétique et climatique.

Carole Barthélémy, LPED, AMU ; Fanny Arnaud, EVS ; Bertrand Morandi, GRAIE ; Brice Mourier, ENTPE.

Quelle place pour les constructions de la Ligne Maginot au Pays de Bitche ?

Denis Mathis, Emmanuel Chiffre, Anne Mathis, Tanguy Niederlander, Laurent Jalabert, Pierrick Calenge, LOTERR – CRULH

10h15 – Pause 15 min

« Le fait portuaire, un fait sociétal : une trajectoire guadeloupéenne »

Foulquier E., Raymond R., Le Berre I., Lopez P.J.

La construction du canal du Rhône à Sète (18e-19e siècles). Les échelles d'un aménagement hydraulique lourd

Stéphane Durand, Centre Norbert Elias, Avignon

Discussion élargie