



**MINISTÈRE  
DE LA TRANSITION  
ÉCOLOGIQUE  
ET DE LA COHÉSION  
DES TERRITOIRES**

*Liberté  
Égalité  
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**EURORIOB OCTOBRE 2023**

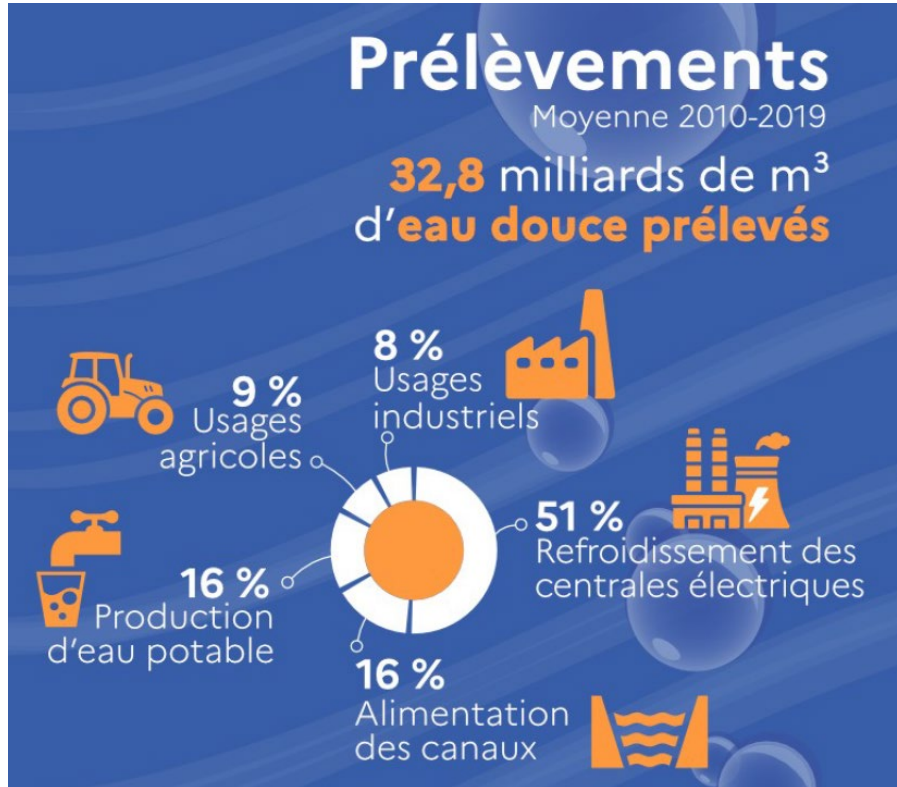
## **FRENCH ACTION PLAN FOR RESILIENT AND CONCERTED WATER MANAGEMENT**

**Marie-Laure METAYER**  
**Deputy head of Water and Biodiversity**

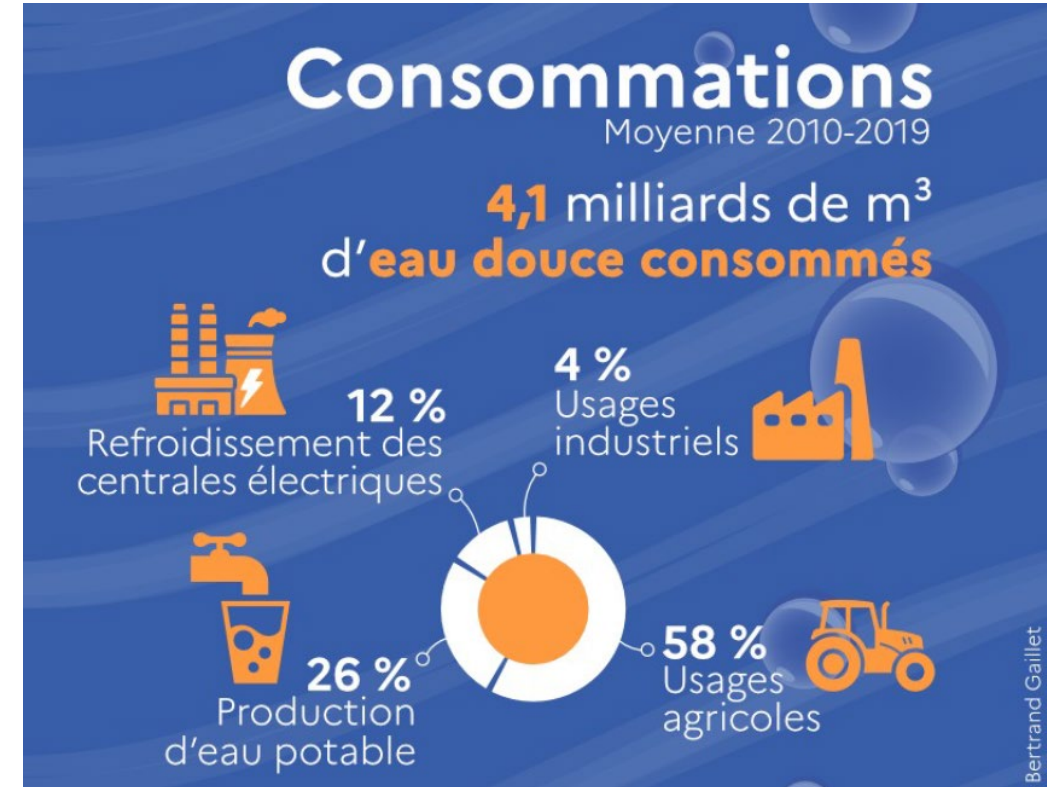
# 1. Challenges of water resources in France

# Water uses

## WATER WITHDRAWAL



## WATER CONSUMPTION

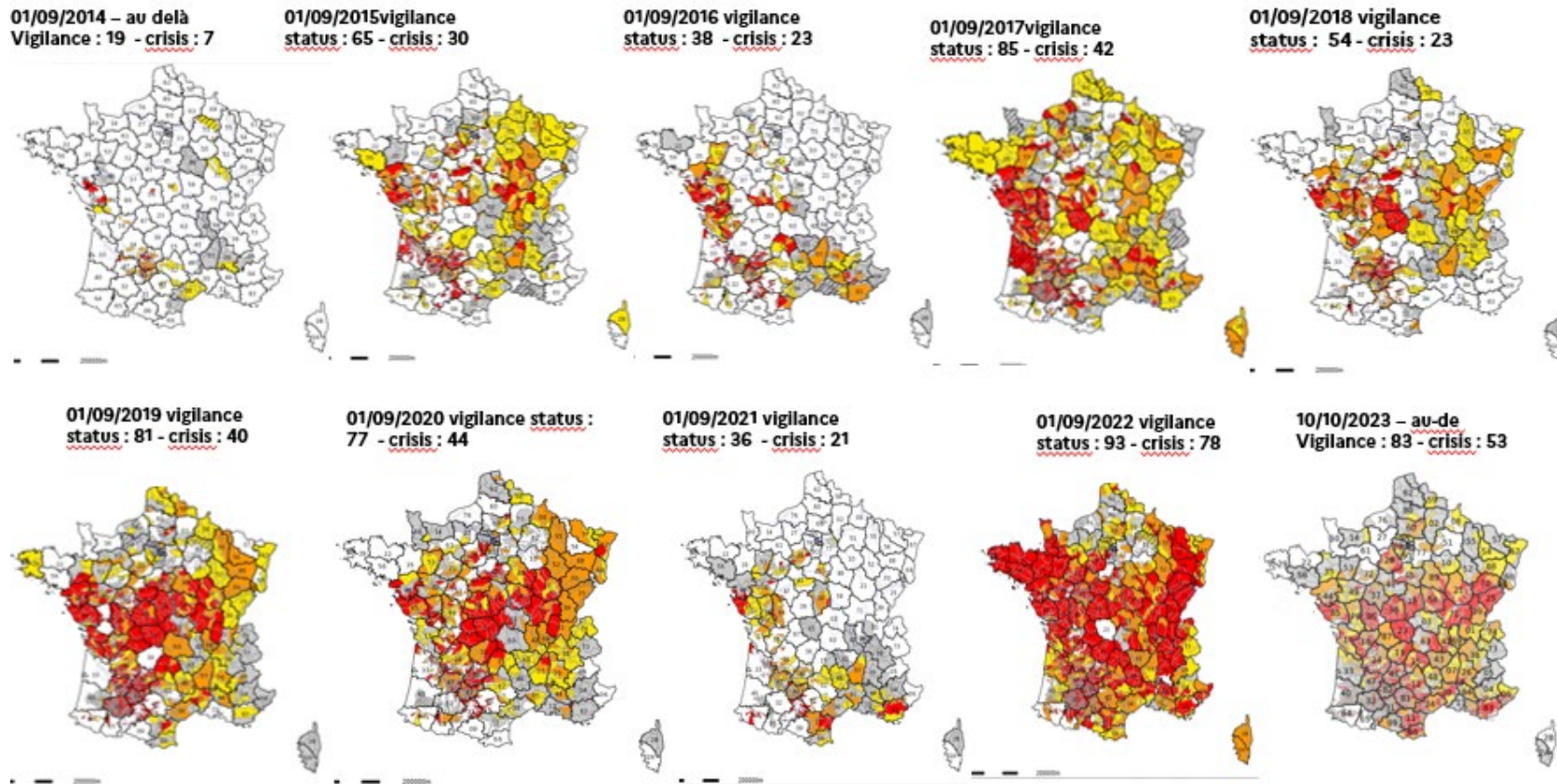


Bertrand Gaillet

An issue of sovereignty, public health/well-being and biodiversity preservation

# Water resources: a deficit that is already structural...

Water restrictions in the summer period have been increasing for several years



Departments at "crisis" level restrictions on surface water use (2014-2023)

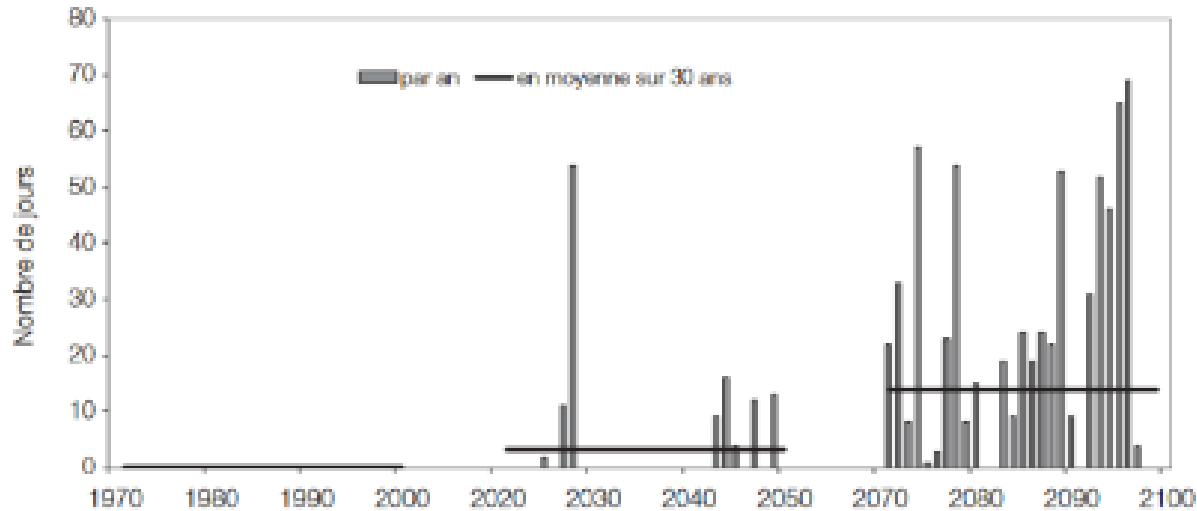
# ...which will get worse with climate change...

- Studies (Explore 70, currently being revised) show a **systematic decline in available resources** (groundwater, surface water, soil), particularly during low-water periods

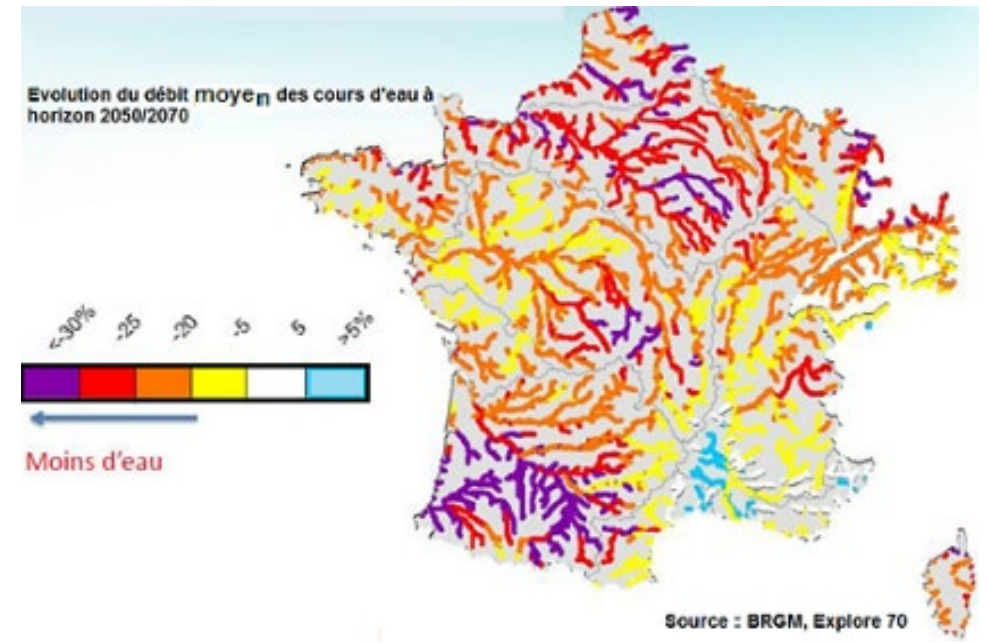
Long-term outlook (source Explore 2070) to 2050 :

Summer precipitation	Groundwater level	Annual flows	Summer flows	Soil moisture
-16 à -23%	-10 à -25%	-10 à -40%	-30 à -60%	-10% à 20%

A sharp increase in the **number of dry days per year**  
(source Météo France)



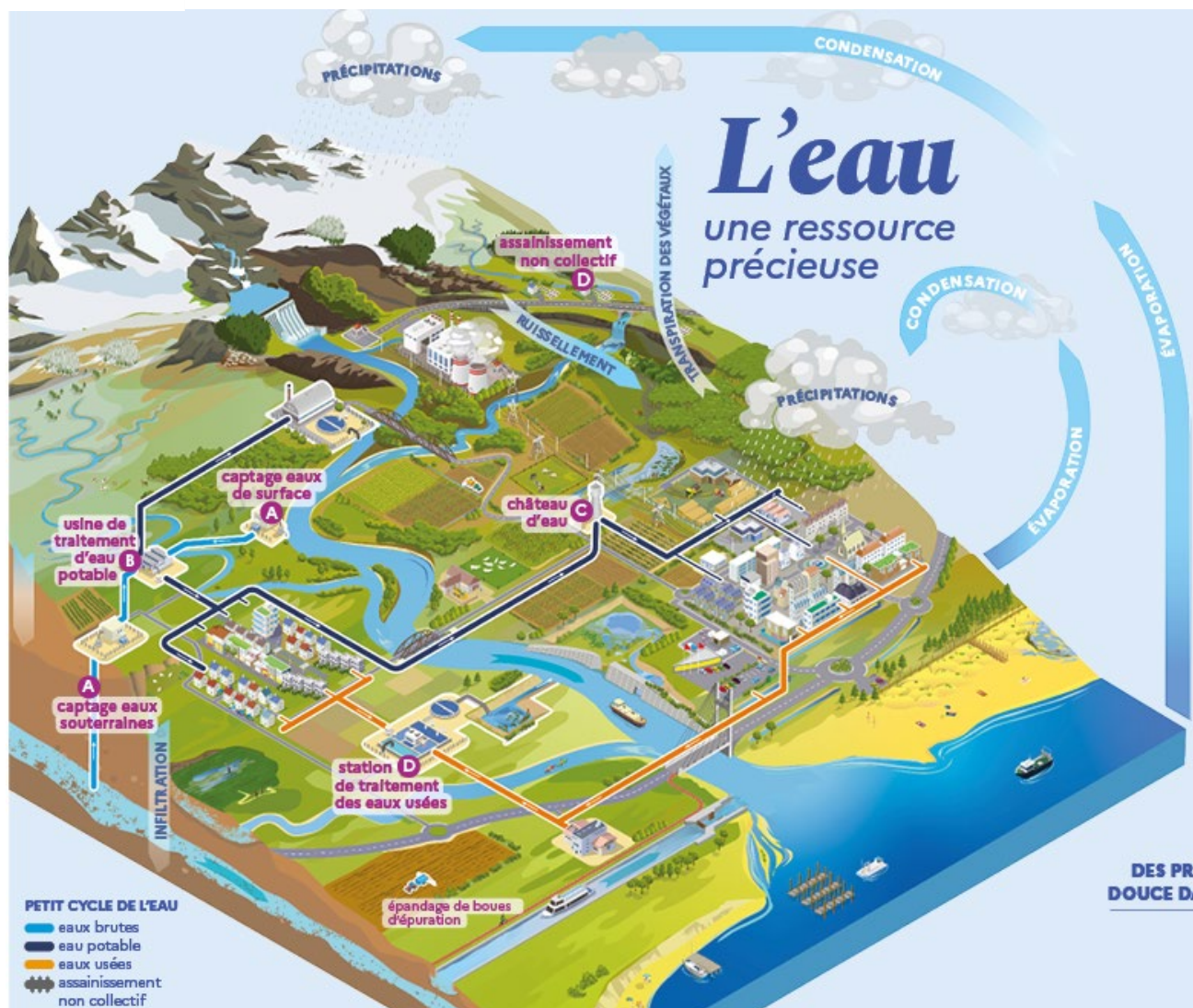
A decline in average annual flows that varies from one region to another







# ... which will lead to a transformation of our ecosystems and our relationship with water



- A profound **transformation of our ecosystems** is inevitable
- **Sobriety** is a must
- To improve the **availability of** water during low-water periods, a range of natural and technological solutions must be mobilised.
- Improving **knowledge** and developing **foresight** is essential to anticipate the necessary adaptations



## 2. Launch of the national "water" plan

# An action plan for resilient and concerted water management

- **Green Nation France's first ecological planning project**
- Focused on the **levers to be unlocked to improve water management**, in the short, medium and long term
- Stakeholder **participation** at national (National Water Committee) and local (basin committees) levels
- Presentation of the "water" plan by the President of the Republic on 30 March 2023

***Full press kit:***

[https://www.ecologie.gouv.fr/sites/default/files/MAR2023\\_DP-PLAN%20EAU\\_\\_BAT%20%281%29.pdf](https://www.ecologie.gouv.fr/sites/default/files/MAR2023_DP-PLAN%20EAU__BAT%20%281%29.pdf)



# A plan built around 3 structural issues

- |  |   |   |   |
|--|---|---|---|
| <b>1. Organising SOBRIETY use for all actors</b> | <b>2. Optimising the AVAILABILITY of the resource</b>                   | <b>3. Preserve water QUALITY</b>                  | <b>4. Public awareness</b>                          |
| a. Count   | a. Combating leakage  | a. Preventing diffuse pollution                   | a. General public communication                     |
| b. Plan  | b. Valorising unconventional waters                                     | b. Preserving and restoring the great water cycle | b. A consolidated multi-stakholder local governance |
| c. Save  | c. Improve or even develop storage in soils, groundwater and structures |   |   |

**=> 53 actions to better manage and adapt the ever looming transformation of natural water cycle due to climate change**

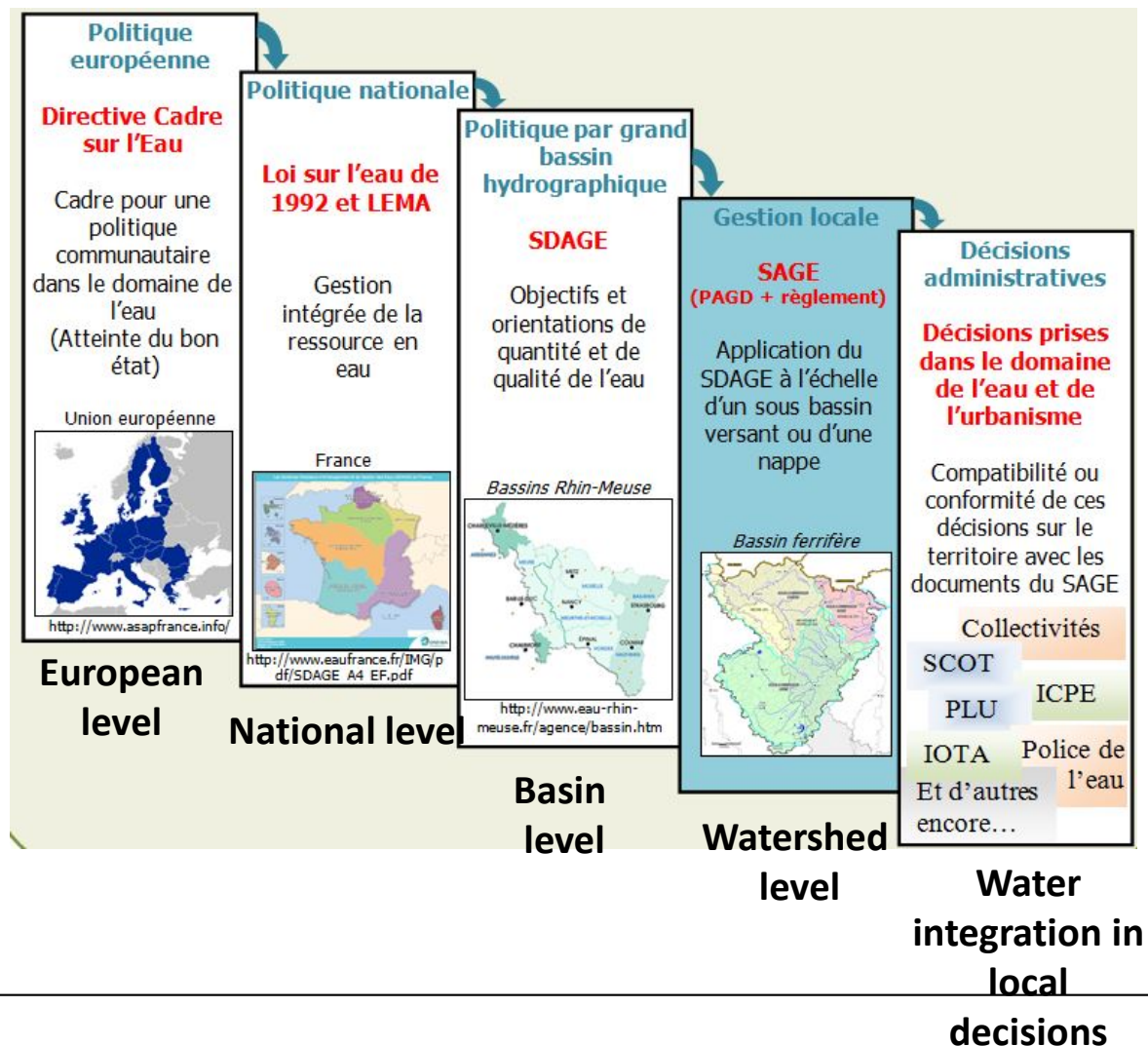




# 3. Current governance in France

# Structured but perfectible governance....

## ➤ Integrated river basin management



# Structured but perfectible governance....

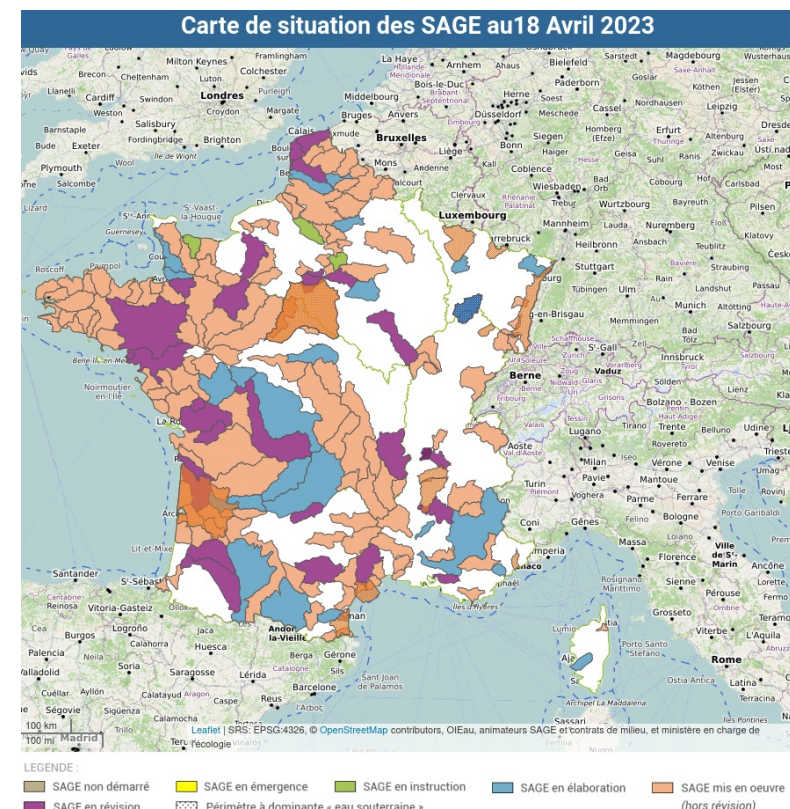
## ➤ Governance to be pursued at sub-basin level

- 54% of the territory covered by local plan of water management (203 plans called « SAGE »)

==> Need to strengthen the governance of the sub-basin level in view of climate change issues



@SAGE Garonne



## 4. Concerted and operational governance at all levels



# Concerted and operational governance

## ➤ Declination of the sobriety objective in each territory

- Drawing up **basin plans for adaptation to climate change** specifying trajectories with regard to projected changes in water resources and uses
- Establishment of **quantified abstraction reduction targets** in SAGEs and PTGEs

❑ **-10% less water withdrawn by 2030**

## ➤ Optimising the availability of the resource

- **Securing** drinking water **supplies** and **developing non-conventional waters**

❑ **Develop 1,000 reuse projects across the country by 2027**

## ➤ Preservation of water quality and restoration of ecosystems

- Establishment of a **water safety management plan** for each drinking water abstract
- Promote projects that are part of an **agro-ecological approach and organic farming**

❑ **100M to finance renaturation projects**

❑ **70 flagship projects labelled "*nature-based* » solutions**

# Implementing the means necessary to achieve the ambitions

## ➤ Improving the governance of water management

- Provide each sub-catchment area with a **dialogue body (CLE)** and a **political project for the territory** to organise the sharing of the resource

## ➤ Ensuring adequate pricing and funding levels

- Ensure the **financing of water policy** and provide better **incentives for :**
  - >> **sober use** (« user pays » principle),
  - >> **preventing and restoring environmental damage** (« polluter pays » )
  - >> and **better network performance**

❑ **Adding 475M€ annual national funding (on top of 2,1 billions € average)**

## ➤ Investing in research and innovation

- Develop research and innovation **across the entire** water management **value chain in** order to **achieve innovation milestones**

❑ **100M€ Innov'eau call for projects (launched in July 2023)**

# Thank you for your attention ...