



Third Edition

RISK MANAGEMENT

**Knowledge, Forecasting, Prevention,
Protection, Planning, Preparedness**

20 - 27 July 2025



PARTICIPATORY GOVERNANCE TOOLS IN RISK AND WATER MANAGEMENT

The River Contract

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ORVIETO

Thursday 25 July 2025

ALTA SCUOLA HEADQUARTERS

My English is very,
very rusty.
Sorry



IN ITALY WE HAVE SEVERAL PARTICIPATION TOOLS FOR RISK AND WATER MANAGEMENT

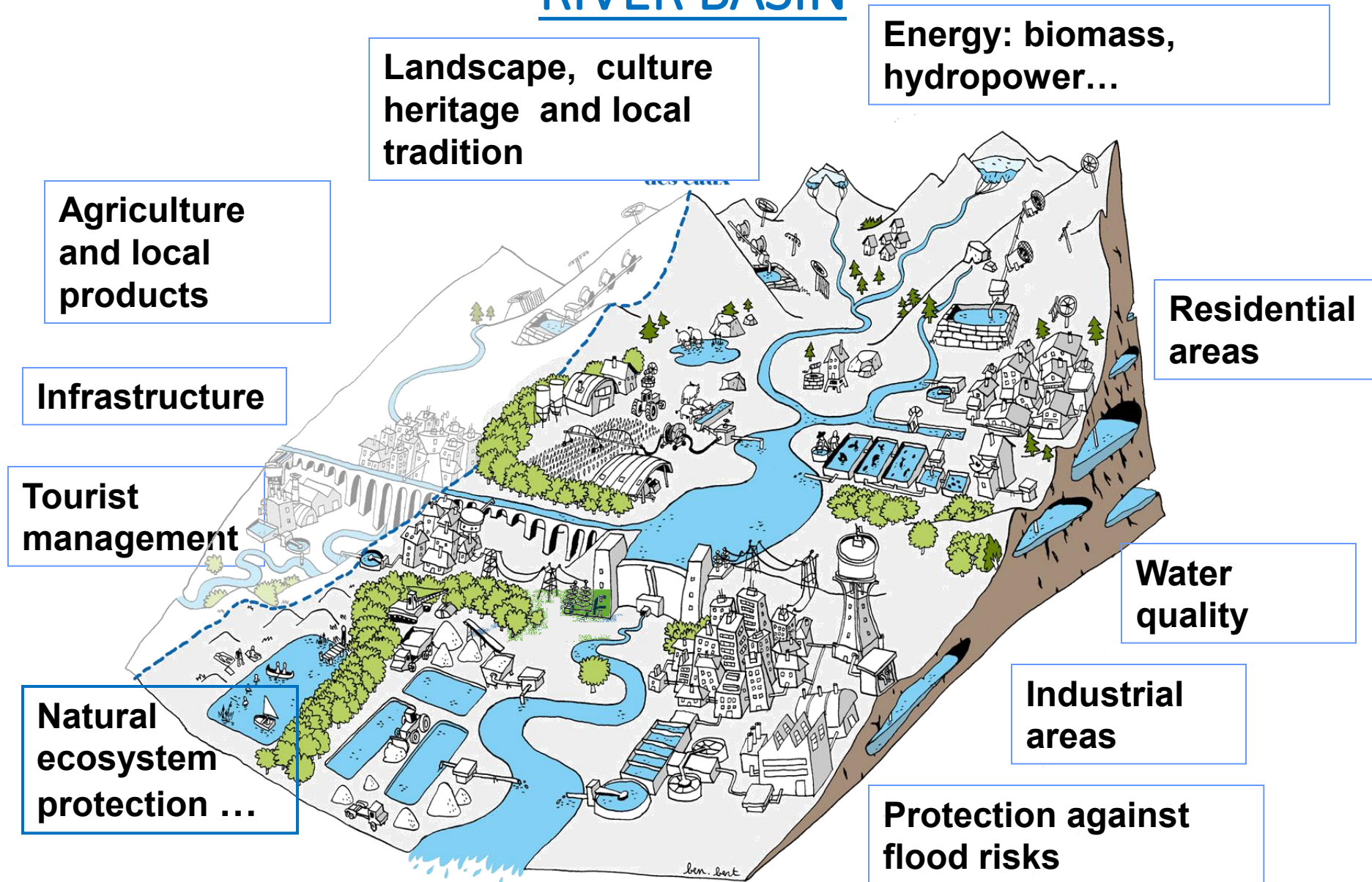
- Environmental Assessment Tools such as Strategic Environmental Assessment and Environmental Impact Assessment ;
- The Public Debate (as we saw yesterday for the case of the Paglia River);
- The Associated Functions of Civil Protection that group in scale of Hydrographic Basin all the administrations included for the prevention and management of the risks;
- The Green Communities that bring together and coordinate local communities who want to realize together sustainable development plans from an energy, environmental, economic and social point of view. Water, forests, landscape, etc.;
- The Renewable Energy Communities (CER) that bring together user's producers and consumers of electrical energy through the implementation of photovoltaic panels .



THE RIVER CONTRACT

OF WHICH I WILL SPEAK IN THIS PRESENTATION

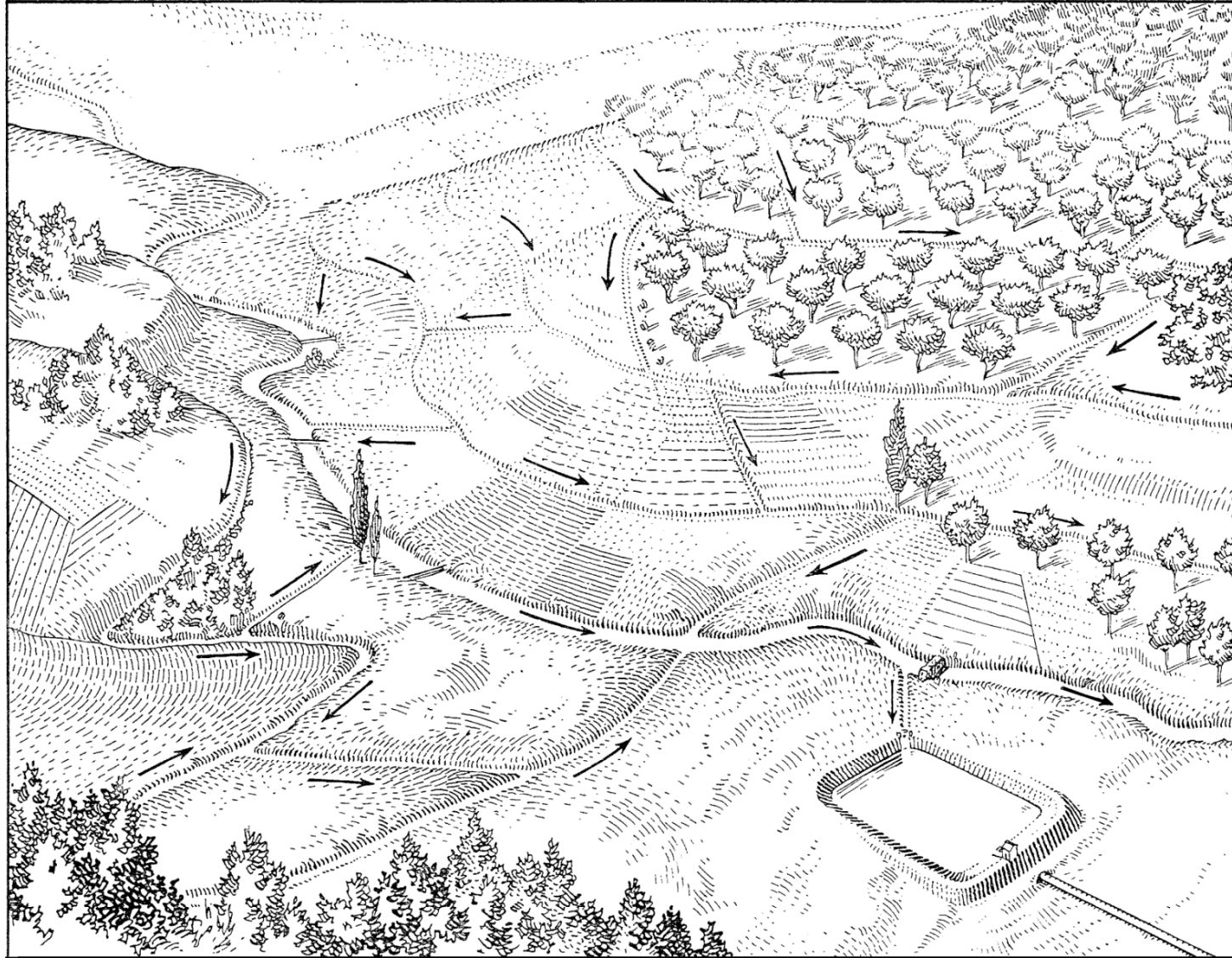
1. The socio-economic and environmental complexities of a RIVER BASIN



2. A myriad of different interests are involved

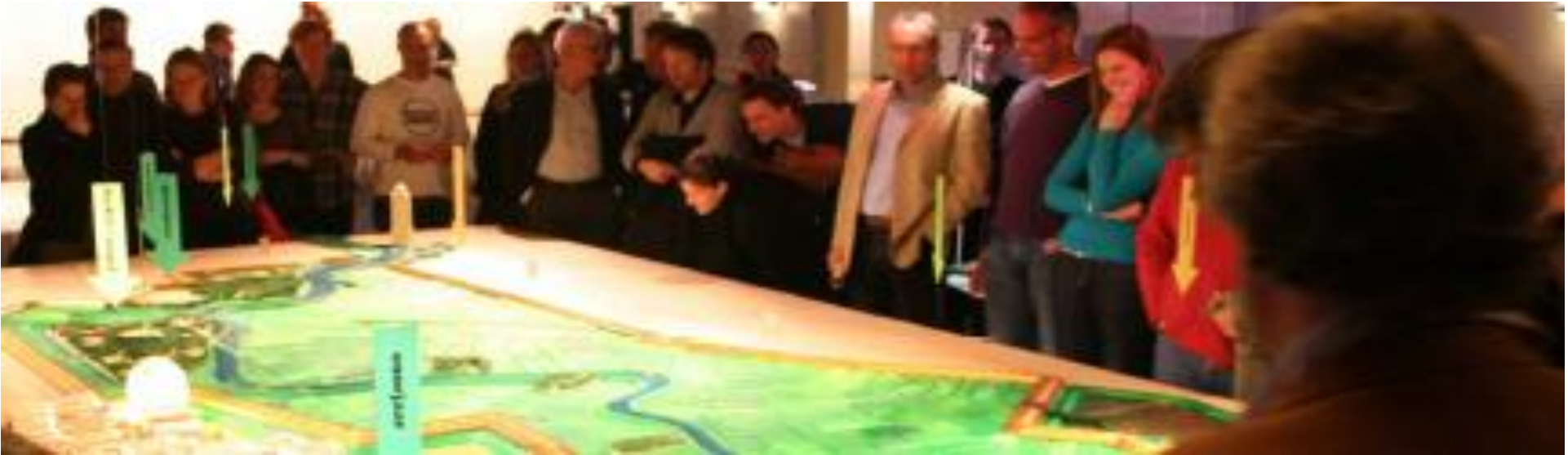


3. Lack of landscape and hydro-geological management



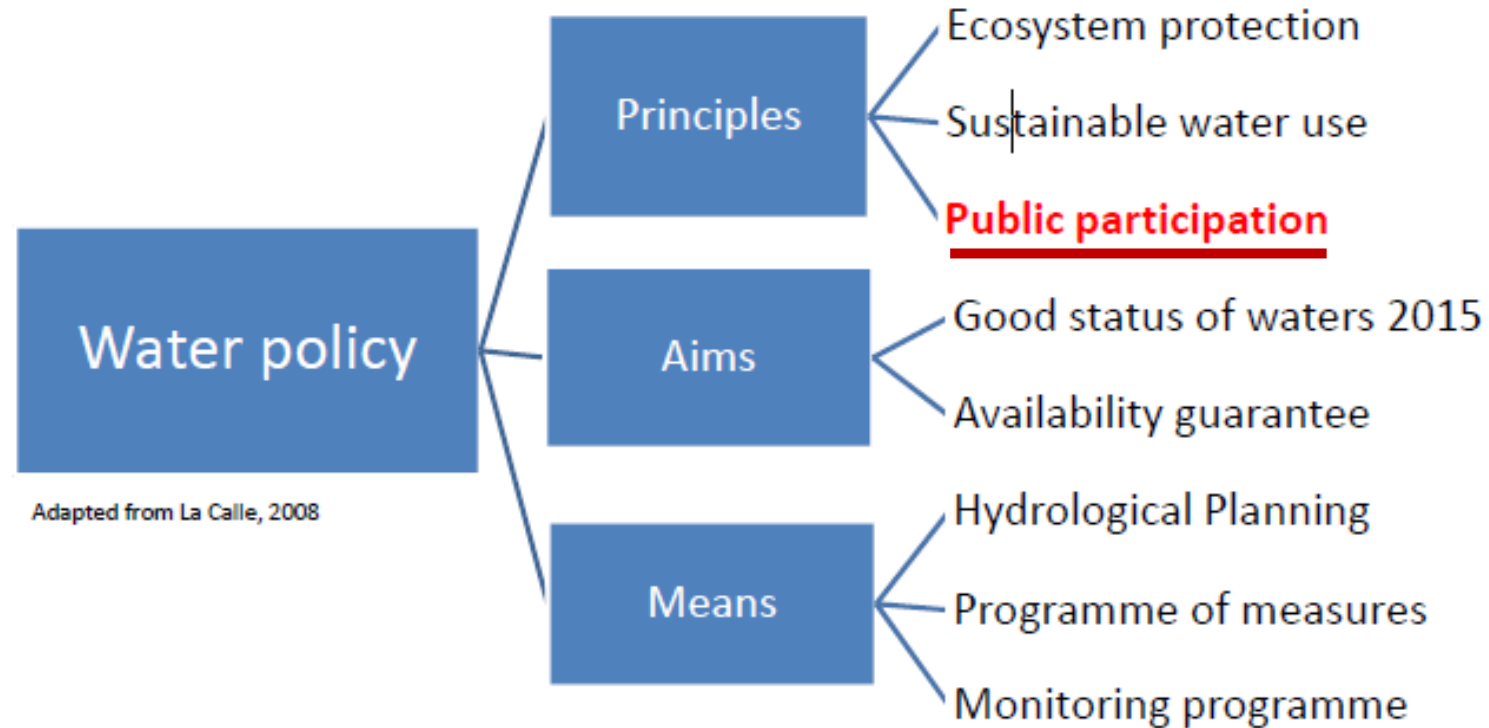
4. Lack of landscape and hydro-geological management

In 2000, the EU Water Framework Directive (WFD) addressed for the first time in a comprehensive manner all the challenges faced by EU waters, making it clear that water management is much more than just water distribution and treatment.



Source: Communication from the Commission to the European parliament, the council, the European economic and social committee and the committee of the regions a Blueprint to Safeguard Europe's Water Resources /* COM/2012/0673 final

5. Water policy (Directive 2000/60/EC)



The success of this Directive relies on close cooperation and coherent action at Community, Member State and local level as well as on information, consultation and involvement of the public, including users (WFD 2000/60/EC, Preamble 14)

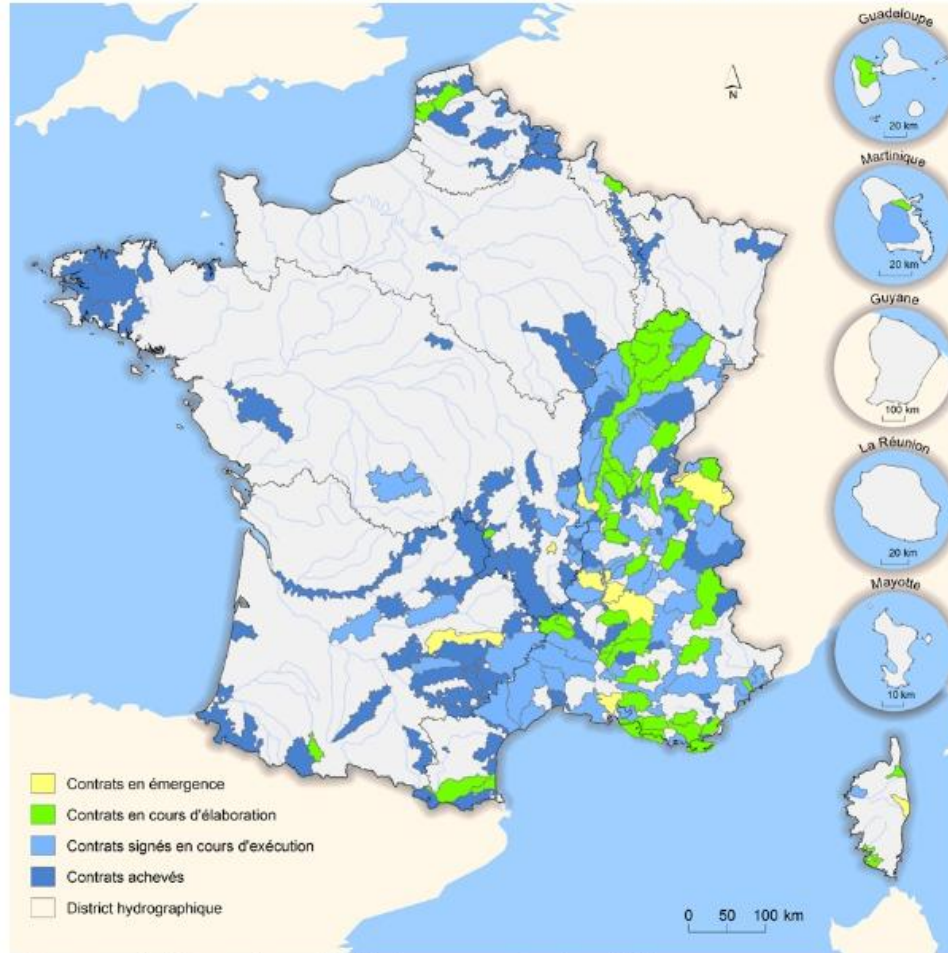
6. An issue of Governance



The River Contracts bring together private and public partners to sign agreements and commitments and to carry out the maintenance of the territory, the implementation of the environmental role of agriculture, the development of ecological production areas, the proper land use and the integrated protection of the quality of water resources with the mitigation of hydrogeological risk.

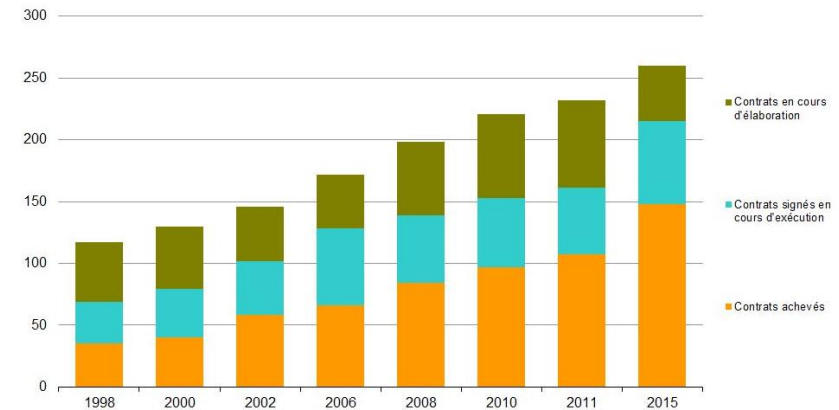
7. River Contracts in France and Belgium

Carte des contrats de milieu selon avancement au 23 juillet 2015



Sources : ministère en charge de l'Environnement ; Gest'eau, 2015

Nombre de contrats de milieu au 23 juillet 2015



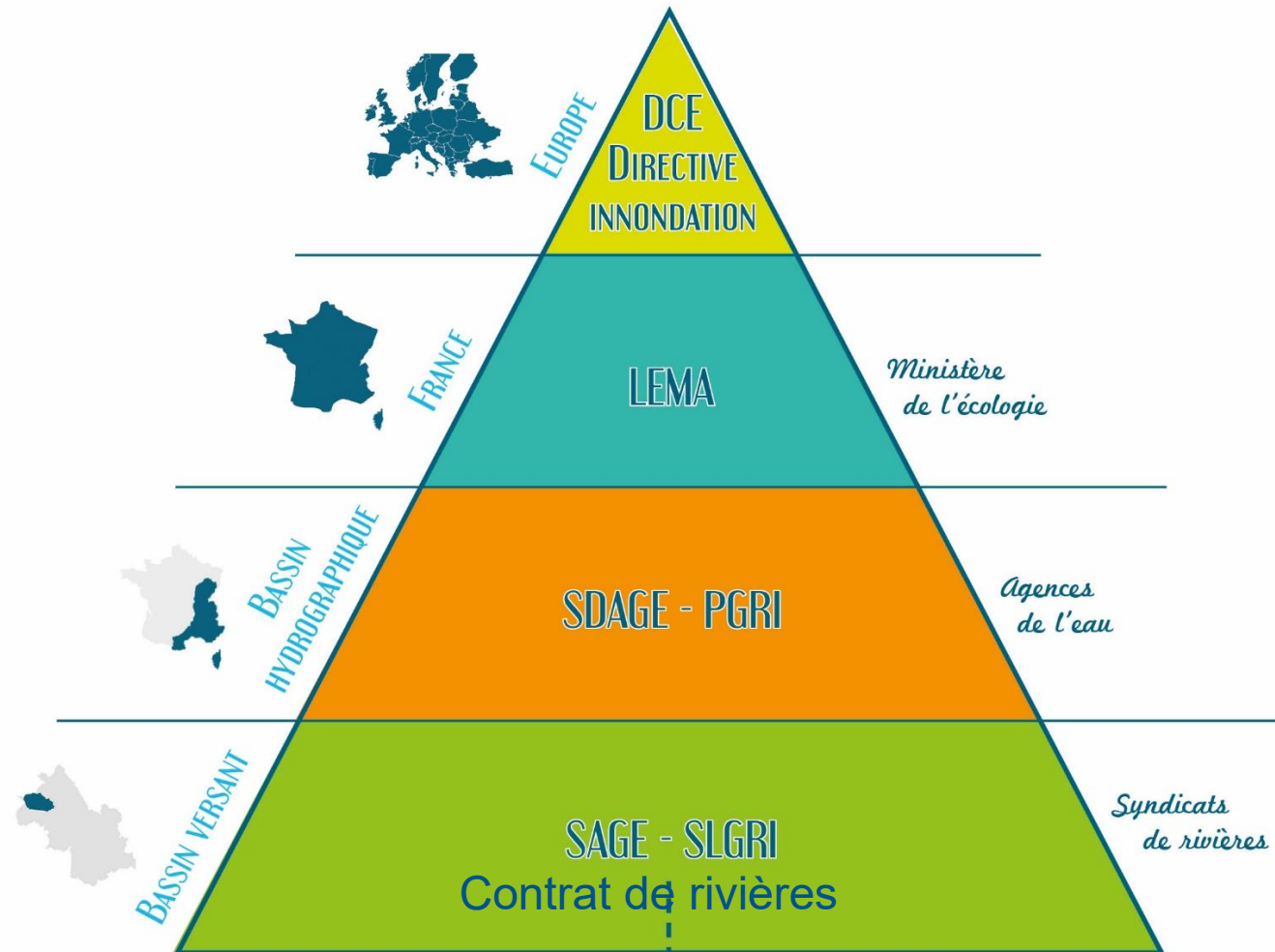
Sources : ministère chargé de l'Environnement, Gest'eau. Traitements SOeS, 2015

Nombre de contrats de milieu au 23 juillet 2015

Carte : Carte des contrats de milieu selon avancement au 23 juillet 2015

Image 2 de 2

8. River Contracts in France



9. River Contracts in Italy

In 2015 the River Contracts have been introduced in Italy, in the “environmental code” DLgs 152/2006 at the Article 68bis, as an amendment to the Stability Law 2014, with the follow text:.

“The river contracts contribute to define and implement at the basin and sub-basin scale, the district planning, such as voluntary instruments for strategic and negotiated programming that pursue the protection, proper management of water resources and enhancement of fluvial territories, together with the defense from hydraulic risk, contributing to local development in these areas. ”

According with the Italian District authorities, the aim of River Contracts is to contribute to the definition and implementation of planning district tools at the basin scale, particularly to the water management plan (D. 2000/60/EC) and Flood risk management plan (D. 2007/60/EC)

10. River Contracts in Italy: currently one hundred ninety (190) launched and seventy-eight (78) signed



All regions have adopted the **RIVER CONTRACT** and use it



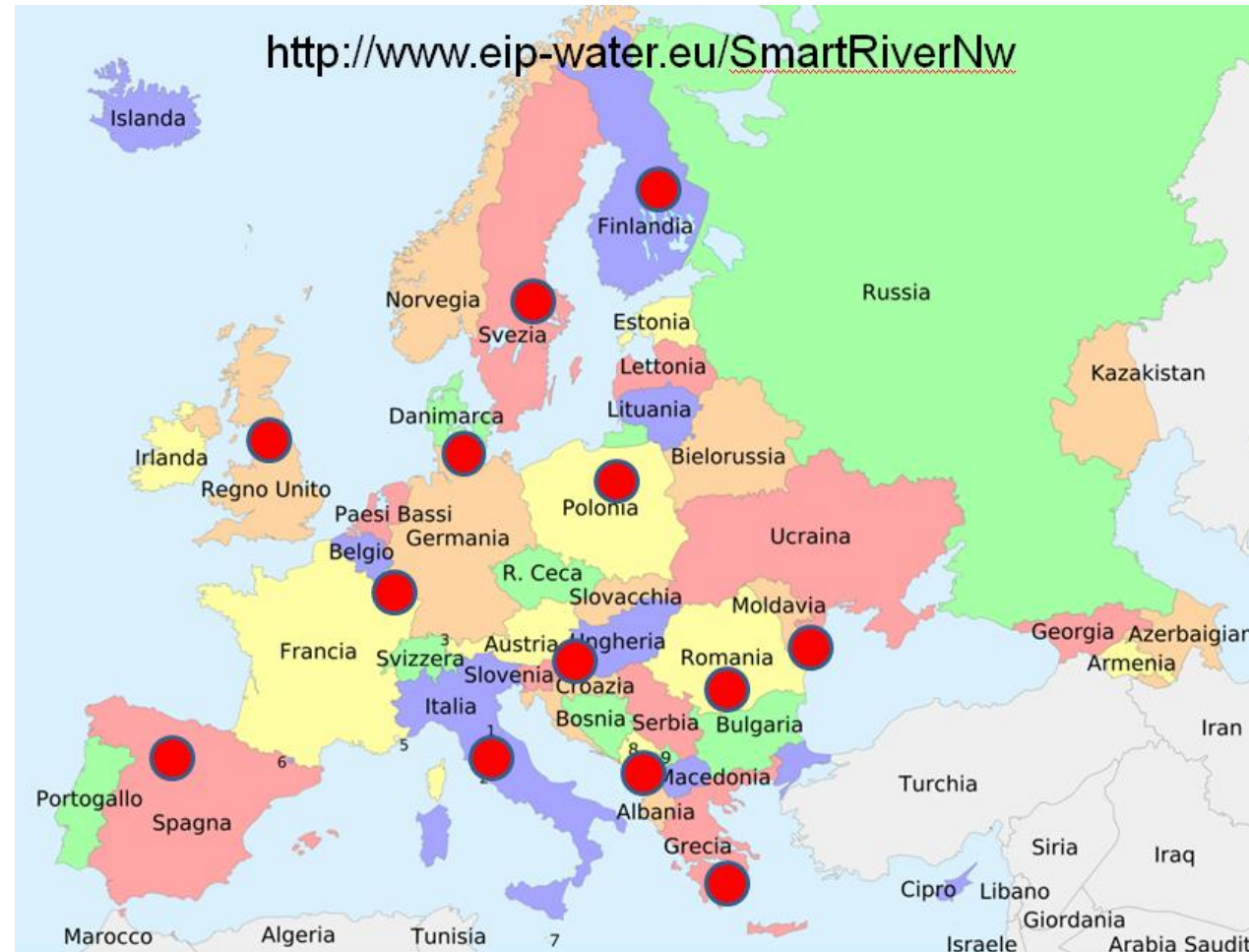
Hydrographic Districts in Italy

11. River Contracts in EUROPE

Since 2015 the National Table of River Contracts is coordinating the “Smart Rivers Network” a new action group of the European Innovation Partnership on Water (EIP Water).



EIP Water



12. The River Contracts “Modus Operandi”

“DEFINITION AND QUALITY REQUIREMENTS FOR RIVER CONTRACTS”,
Ministry of Environment of the Italian Republic, ISPRA (Institute for Research and
Environmental Protection) and National Table of River Contracts (May 2015)



Sharing a **Document of intent**

START

Participative diagnosis

Integrated preliminary cognitive analysis on the environmental,
social and economic aspects of the territory

Strategic Document defining the *scenario, referred to a
medium- to long-term forecast period*

Action Programme with a clearly identified and limited time
frame (indicatively three years)

Formal commitment Act, the **River Contract**

Periodical control and monitoring system of the contract



13. The River Contract “Modus Operandi”



Circle Time
Discussion



International descent of the river Tiber



Discussion on the Bridge



Design Walks

Integrate through the participation scientific knowledge and local common experience

14. The River Contract “Modus Operandi”

Reconnaissance of the elements of Degradation On River Seveso Sub-basin

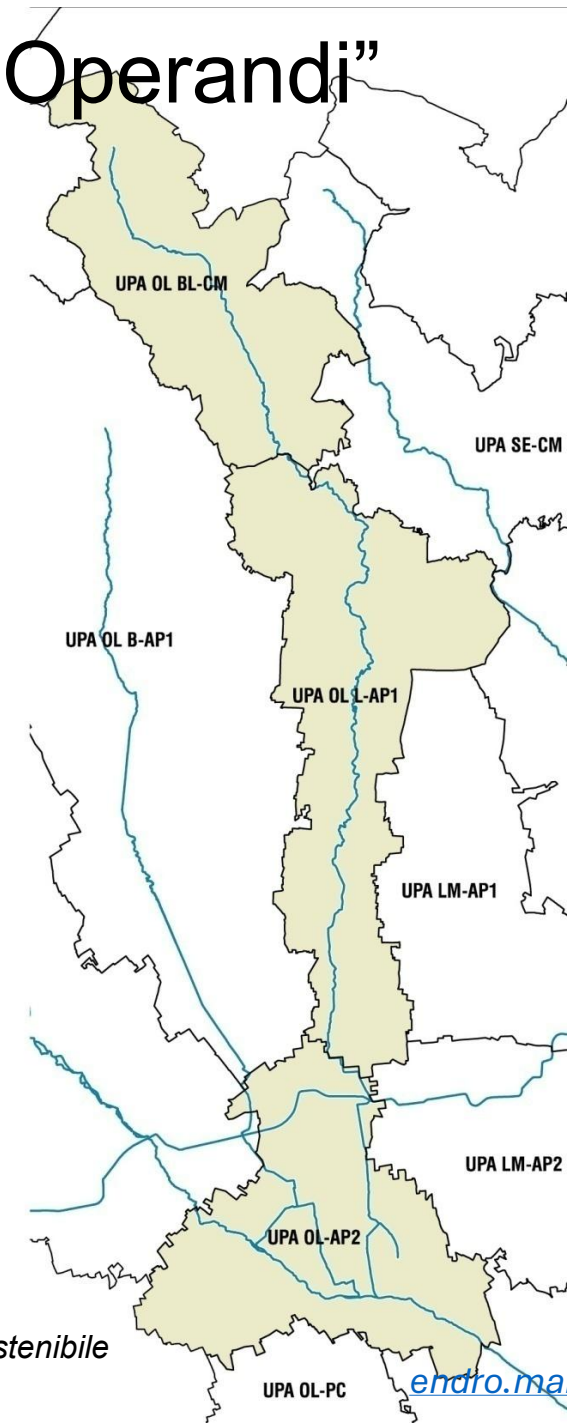
Areas, systems and indicators of possible situations of degradation or risk of environmental degradation identified for the Environmental Landscape Units considered

Ambiti, aree, sistemi ed elementi indicatori di possibili situazioni di degrado o rischio di degrado paesaggistico-ambientale individuati per le Unità Paesaggistico Ambientali considerate



Ambiti, sistemi ed elementi di **rilevanza paesaggistica** individuati per le Unità Paesaggistico Ambientali considerate

Areas, systems and indicators of possible situations of environmental degradation or risk of environmental degradation identified for the environmental landscape units considered



Source: Viviane Iacone – D.G. Ambiente, energia e sviluppo sostenibile
Regione Lombardia (Venezia 2014)

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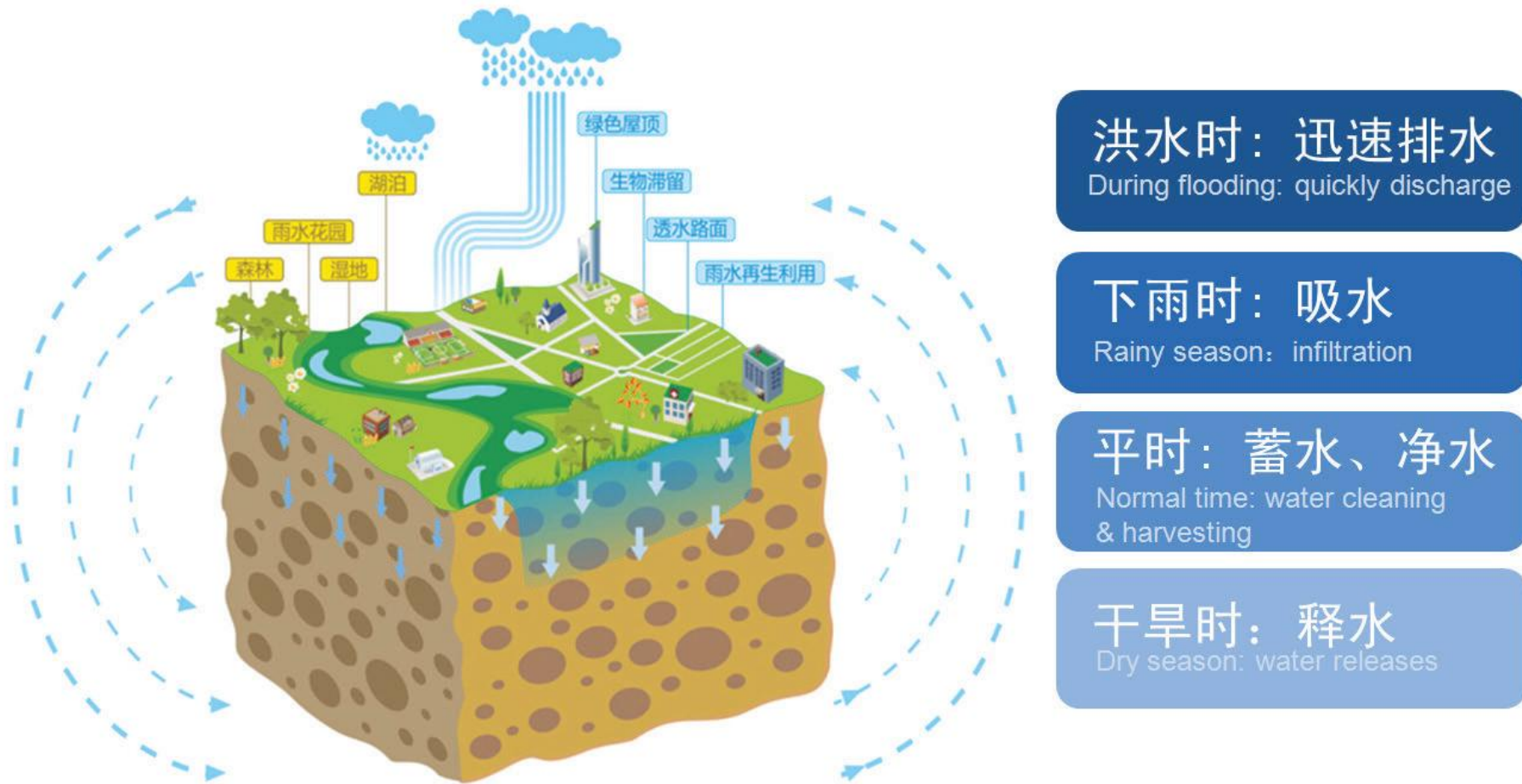
15. The River Contract “Modus Operandi”

Sharing a common vision



Source: Regione Umbria Master Plan Perugia Ponte Felcino (M. Bastiani, V. Venerucci, F. Nigro) 2011

16. The River Contract “Modus Operandi”



China has set a timetable for its "sponge city" program, which seeks to help cities better absorb rain to improve the environment. About 130 cities across the country have mapped plans to turn themselves into sponge cities

17. The River Contract “Modus Operandi”



BEFORE



AFTER

Source: T. Seveso – Interventi Parco Nord (Cormano – Bresso –Milano) (M. Clerici 2015)

Seveso River - Interventions North Park (Cormano – Bresso- Milan)

18. The River Contract “Modus Operandi”

THE GUARDIANS OF THE RIVER’ a pilot project of the Serchio River Contracts.



Source: Provincia di Lucca River Contract Serchio (M. Bastiani, V. Venerucci, E. Martini) 2011

19. to be continued

The large number of experiences implemented of River Contracts in all Europe in more than one decades, it is here to show us that the times are mature to have the courage to adopt the participative governance approach in all the European river districts. Through the Smarigo project We would try to contribute to this process, starting from a wide collaboration between Italy and Moldova, aiming to implement the first River Contract in an East Europe Country,



IN ITALY

RIVER CONTRACTS are included in national and regional programming instruments such as **CLIMATE CHANGE ADAPTATION PLANS- SUSTAINABLE DEVELOPMENT PLANS**, etc.

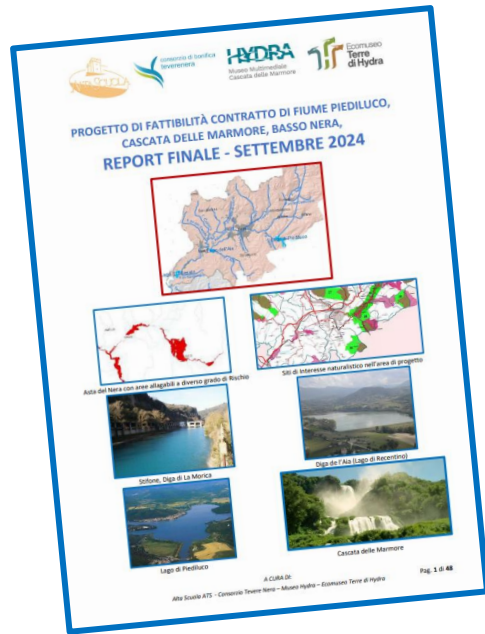
The Italian Ministry of Environment and Energy Security (MASE) organized and run the **NATIONAL OBSERVATORY ON RIVER CONTRACTS**

At the **Second World Water Conference** of March 2023 in New York, the
Italian Ministry of Environment and Energy Security (MASE)
presented a

COMMITTEMENT CONCERNING THE RIVER CONTRACTS

Supporting and strengthening the participation of local communities in the integrated management of water resources, flood risk and local development through the River Contracts - RCs (Contratti di Fiume - CdF). | Department of Economic and Social Affairs

RIVER CONTRACTS ELABORATED BY ALTA SCUOLA (SELLI/MARTINI)



ALTA SCUOLA
realized a
RIVER CONTRACT
in Moldova
on the Botna River
a tributary of the
Nistru

