

# Regional Exchange on IWRM experiences in the Mekong River Basin

## *Thematic session 3* *Action plan and financing*



# **Example: action plan in Loire-Brittany basin**

**Regional workshop on 15-16-17 October 2014  
Vientiane, Lao PDR**



# The water agencies are 50 years old

After the second world war 1939-1945, big growth (industries, agriculture, population)

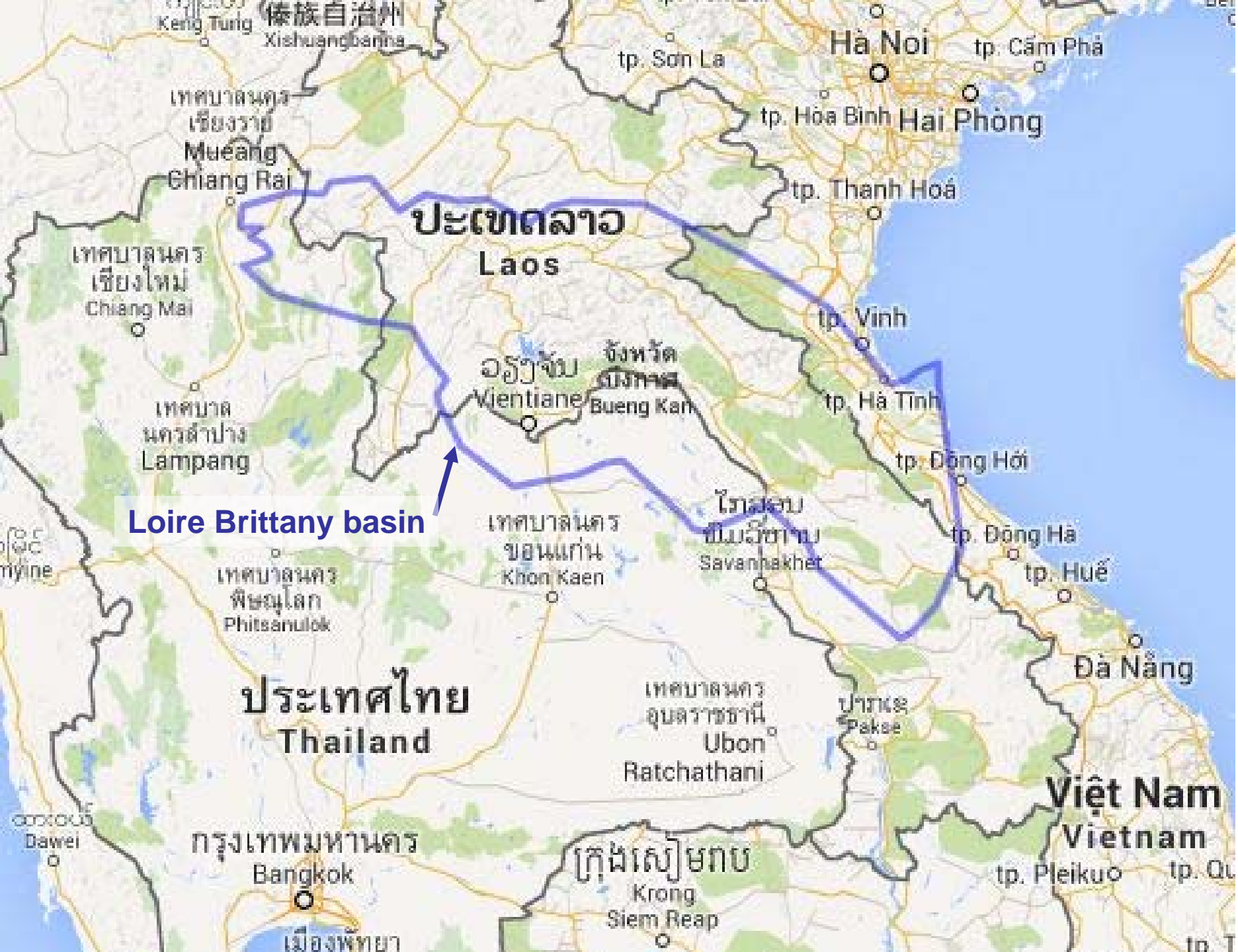
→ Big needs of water, big pollutants discharges

→ **Big issues**

**1964 water law** - management unit: river basin; water community: basin committee; ear-marked charges (water consumption, pollutants discharges); basin financial agencies (now called *water agencies*)

**1992 water law:** well-balanced management « ecosystems / uses »; planning tools

**2006 water & aquatic ecosystems law:** new ear-marked charges



傣族自治州  
Xishuangbanna

เขตภาคเหนือ  
เชียงใหม่  
Mueang  
Chiang Rai

เขตภาคเหนือ  
เชียงใหม่  
Chiang Mai

เขตภาค  
นครลำปาง  
Lampang

Loire Brittany basin

เขตภาคเหนือ  
พิษณุโลก  
Phitsanulok

ประเทศไทย  
Thailand

กรุงเทพมหานคร  
Bangkok

เมืองพัทธยา

tp. Son La

Hà Nội

tp. Cẩm Phả

tp. Hòa Bình Hai Phòng

tp. Thanh Hoá

ประเทศลาว  
Laos

อัญจัม  
Vientiane

จังหวัด  
บึงกาฬ  
Bueng Kan

tp. Vinh

tp. Hà Tĩnh

tp. Đồng Hới

เขตภาคเหนือ  
ขอนแก่น  
Khon Kaen

ໄກສອນ  
ພິມລິທານ  
Savannahkhet

tp. Đông Hà

tp. Huế

Đà Nẵng

เขตภาคเหนือ  
อุบลราชธานี  
Ubon  
Ratchathani

ปากเซ  
Pakse

Việt Nam  
Vietnam

tp. Pleiku

tp. Quy

ក្រុងសៀមរាប  
Krong  
Siem Reap

tp. T

# Water management: tools



Planning

**Water framework directive**

**Water management masterplan**

**Water management plans**

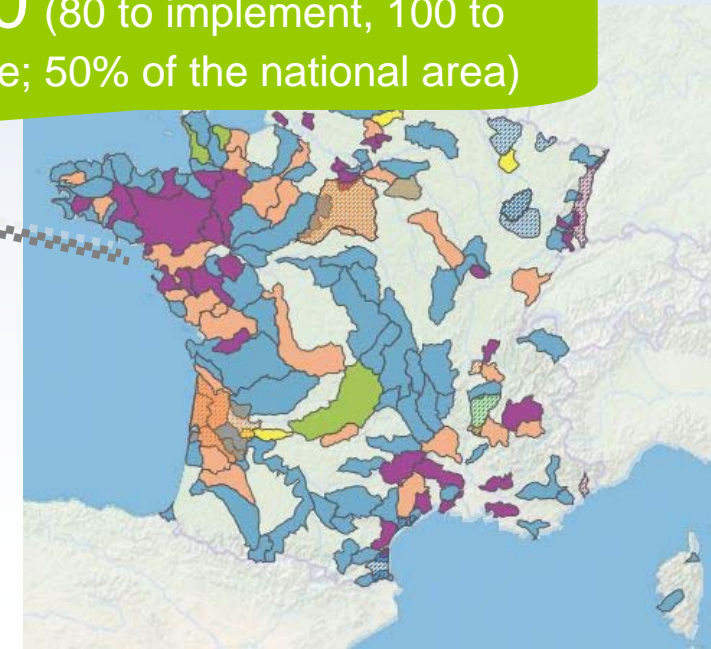
**Actions**

Actions

1

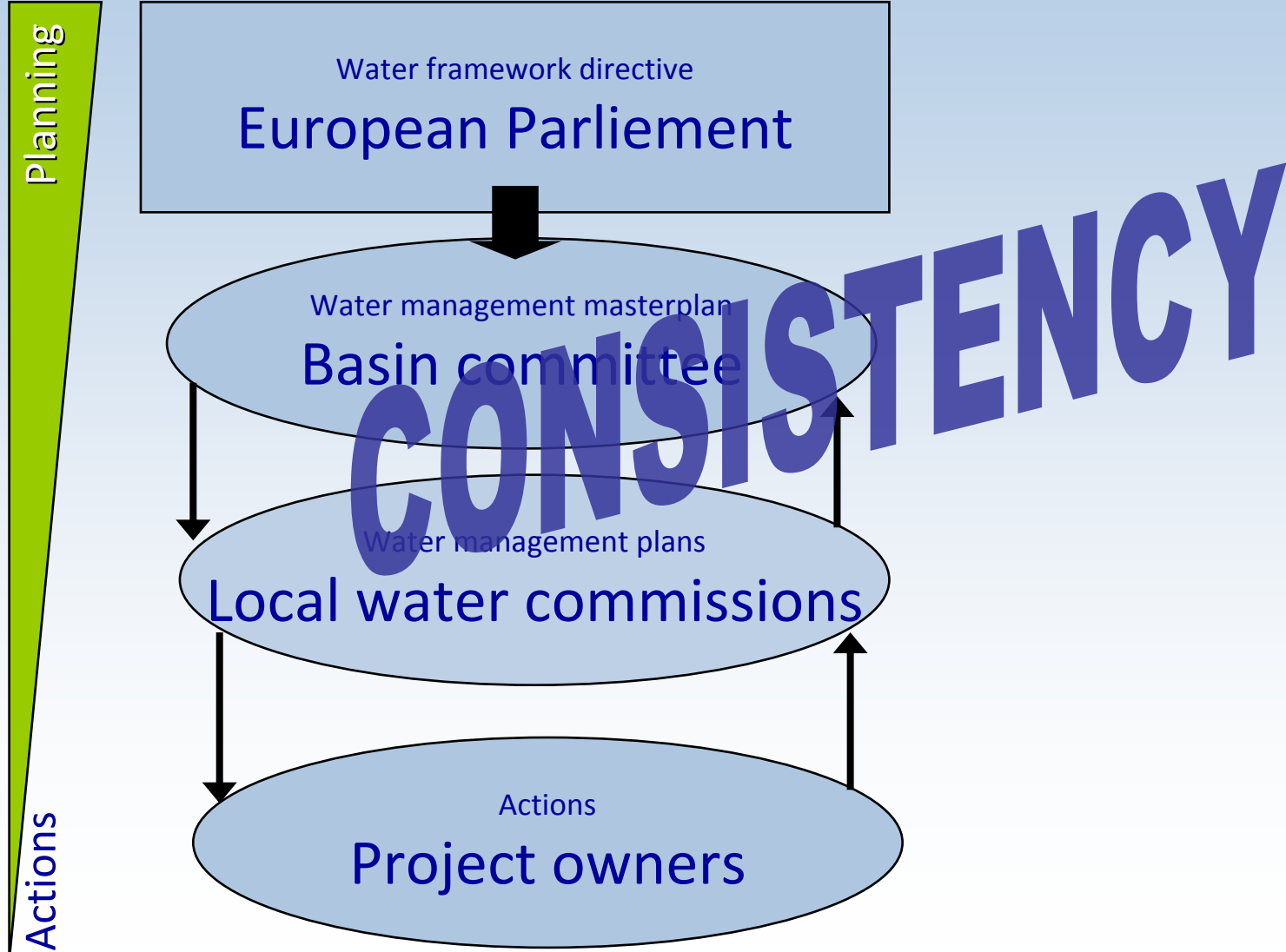
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180 (80 to implement, 100 to finalize; 50% of the national area)

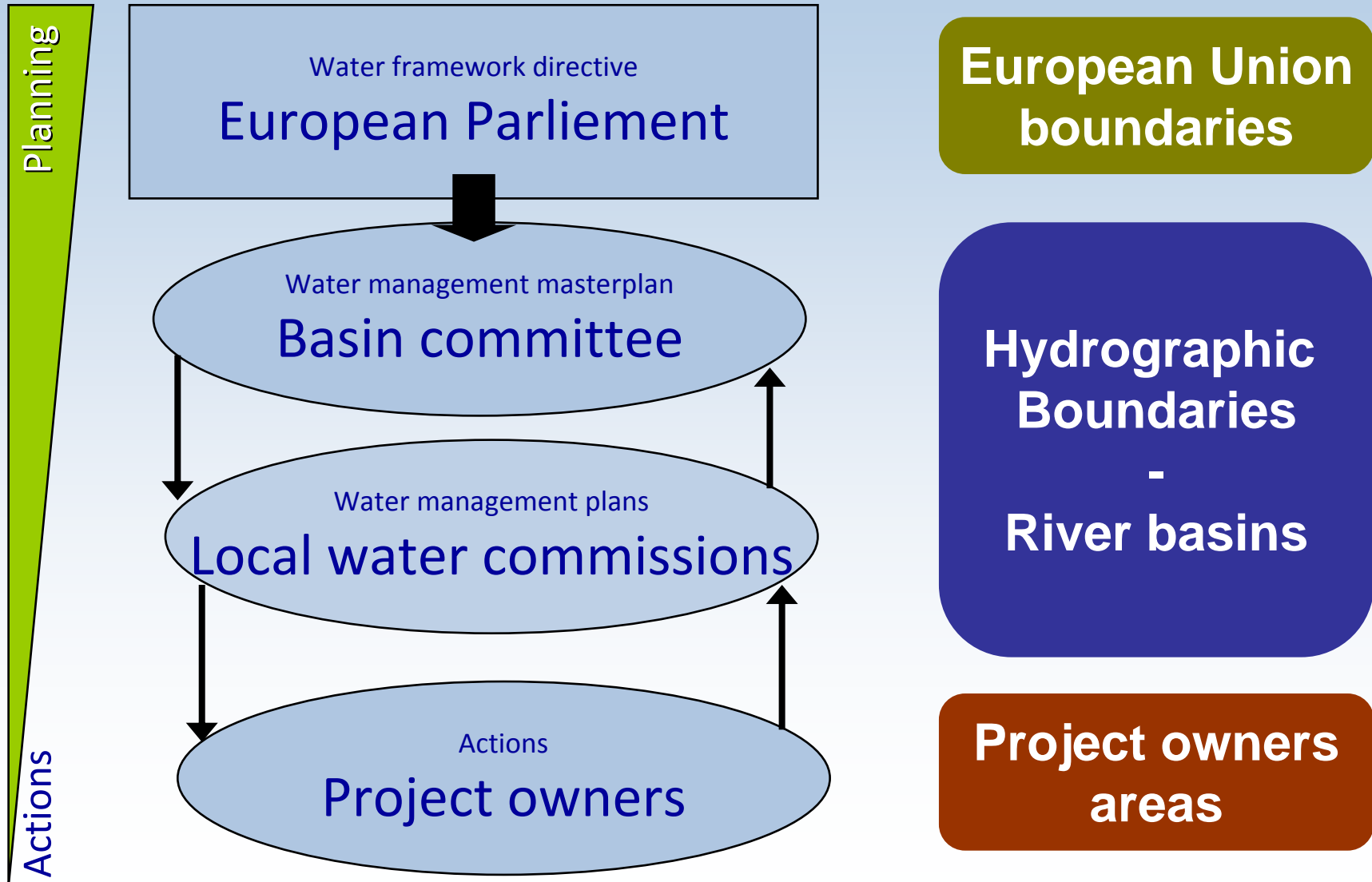




# Water management: governance

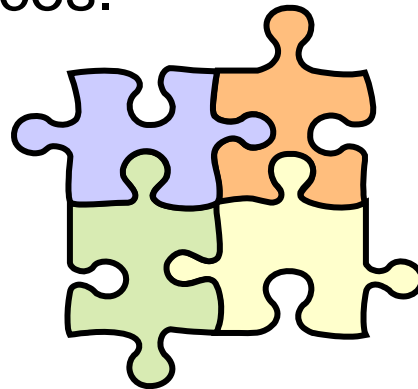


# Water management: areas



# How to build an action plan: Set of actions « *Osmose* »

- The French universal set “Osmose” is a new set of actions, used by all the water agencies for their own action plan.
- The actions are organized by theme: agriculture / sanitation / governance-knowledge / industry / aquatic ecosystems / resources.





# How to build an action plan: Set of actions « *Osmose* »

The national set (catalogue) “Osmose” contains 164 measures (actions): 90 contractual actions (works, assessments and governance), 32 regulatory actions (permit system, regulatory action plans), 42 control actions.

Field code	Field	Sub-field	Sub-field name	Action ID	Action long name	Action short name	Action description
ASS	SANITATION	ASS01	Global study and masterplan	ASS0101	Large assesment or management plan to organize the reduction of pollution from sanitation.	Sanitation masterplan	It includes diagnoses and sanitation schemes directors, first documents on wastewater or storm water, for: - Identify dysfunctional environment related to discharges of waste water; - Define priority areas; - Assess the risk of spread of hazardous substances...
IND	INDUSTRY AND CRAFT	IND01	Global study and masterplan	IND0101	Large assesment or management plan to organize the reduction of pollution from industries and craft.	Industries - masterplan	Large assesment or management plan to organize the reduction of pollution from industries and craft.
AGR	AGRICULTURE	AGR08	Limitation of point source pollution	AGR0805	Reduce effluents from a fish farm	Fish farm discharges	This action includes the treatment of fishfarm effluent and loop closure and environmental monitoring of fishfarms.

***. National or big basin level: set of actions, unit costs  
. Local level: selection and adaptation of actions,  
basis for calculation***



# How to implement an action plan: How to motivate somebody to do something?

**Regulation**

**State**

**To force  
To check  
To punish**

**Financial incentive**

**Water agencies**

**Multi-year program  
Objectives  
Action sheets**

**Awareness**

**Various stakeholders**

**From schools  
To fields**

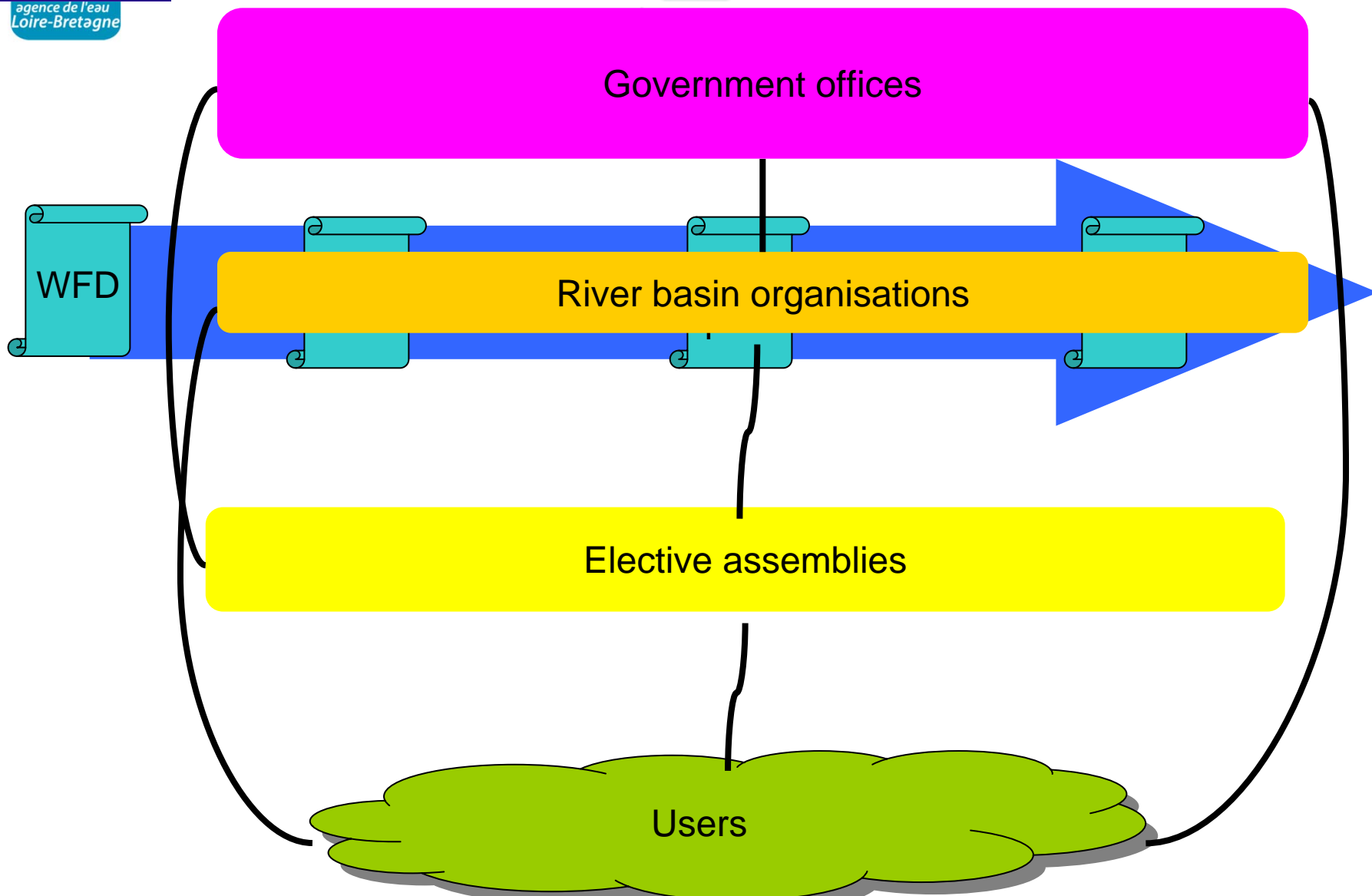
**Media coverage**

**NGO**

**Action to improve  
image**



SUB-BASIN



Flows: people, money, data, check

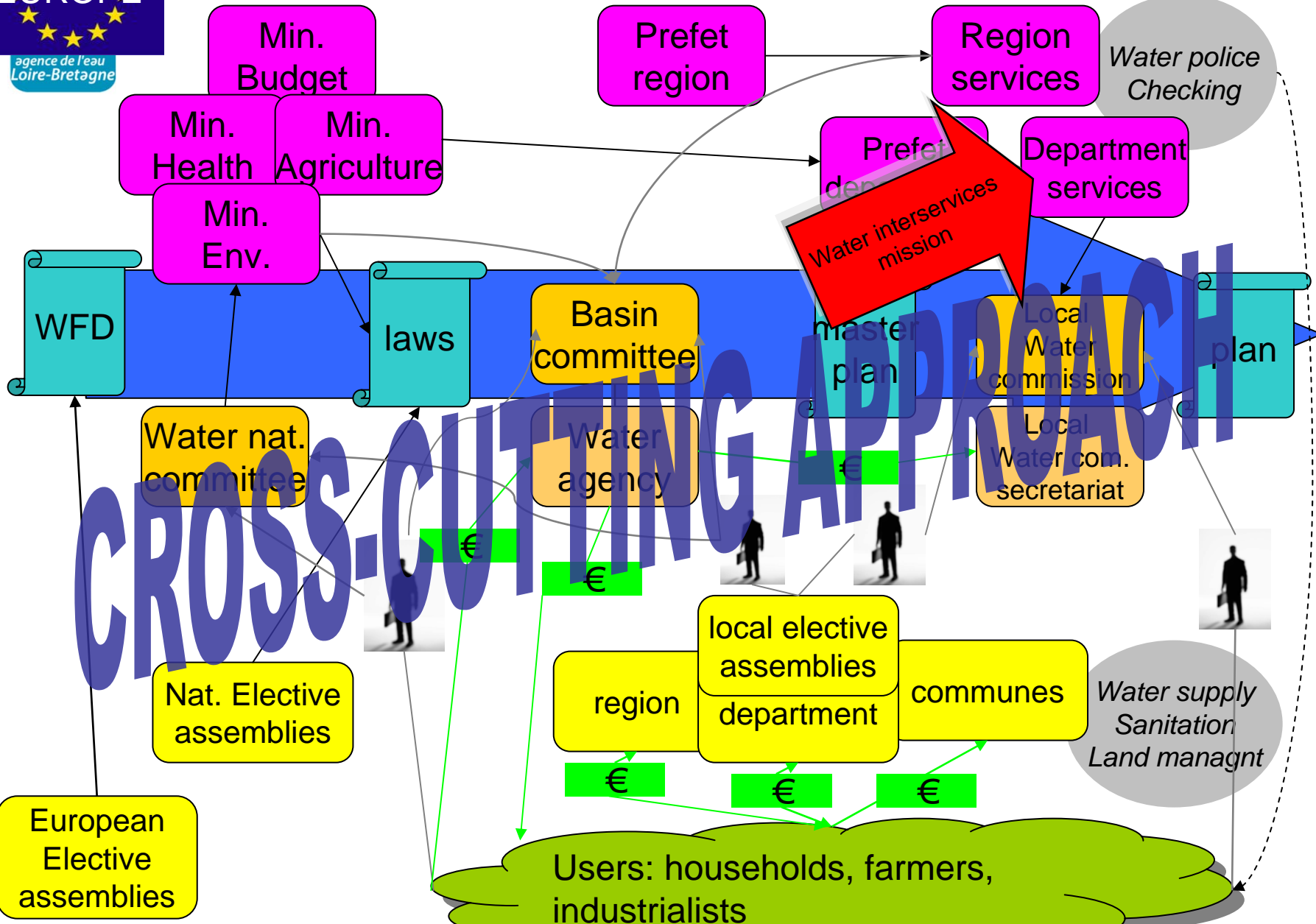
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FRANCE

LOIRE-BRITTANY

BASIN



Regional water...  
Vientiane, Lao PDR

# Public services coordination within department

## Water interservices mission

- In France, in each “department”, the activities of the water interservices mission
  - consist of: regular meetings with state services, training, controls, coordination, awareness, assessment, coherence of the plans (land management, quarries...)
  - Managed by: the deputy director of one public service (# agency Lao) or someone close to the Prefet (# Governor Lao); approximately 30% of one full-time-equivalent (FTE)
  - With operational relationships, no hierarchy between services



*100 departments*

*One department # 6,000 km<sup>2</sup>*



# Water interservices mission: duties

## ***PLANNING – COORDINATION – EVALUATION - COMMUNICATION***

In the name of the Prefet of the department, the water interservices mission is the body responsible for:

1. Declining the water policy and aquatic environment in the department (identifying local issues and priorities)
2. Providing an operational action plan for implementation of the water policy and ensuring the consistency of public funding
3. Representing the position of the State in planning documents and towards the larger works that have an impact on water
4. Ensuring coordination with related policies: health policy, risk prevention, land development...
5. Ensuring the integration of water policy into sectoral policies carried by the decentralized public services
6. Assessing the implementation of the water policy of the State within the department
7. Organizing the communication and exchange of data on water within the department



# Water interservices mission: operations

- Once a year: strategic committee (CEO of decentralized public services and water agency) to set priorities and actions, to validate the results of the past year and the program for the next year.
- Each month: permanent committee (# 10 representatives of decentralized public services, 1 representative of water agency) to monitor the implementation of the water policy, to coordinate the actions, to share experiences, to survey sensitive projects, to prepare strategic committee meetings...
- If necessary, working groups about specific topics.
- Twice a year: national meeting organized by the direction of water and biodiversity (ministry of sustainable development) with all the chiefs of the water interservices mission.

# How to implement an action plan: Partnership of a water agency, keystone of IWRM

