



Office
International
de l'Eau
PARIS



International
Network of
Basin
Organisations

Financing the program of measures

Moscow, 19 May 2017



Pierre Henry de Villeneuve
Head of Unit water policy in EU
neighbouring area

**International Office for Water
Permanent Technical Secretariat
of International Network of Basin
Organizations (INBO)**



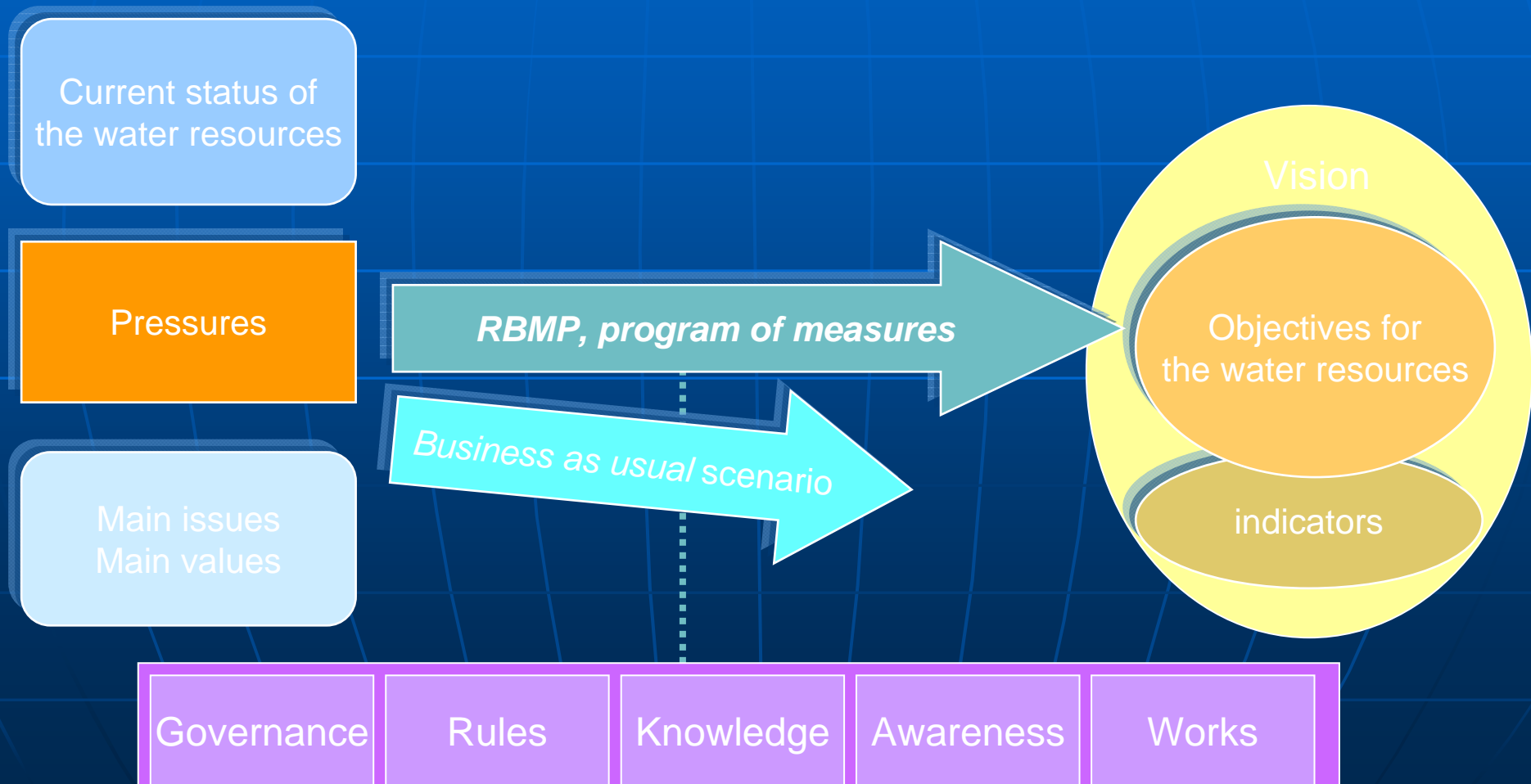
Office
International
de l'Eau
PARIS

Program of measures preparation process:

- adopt a strategic approach to solve main issues with prioritisation
- consider all the type of measures
- select the most cost effective measures!



International
Network of
Basin
Organisation

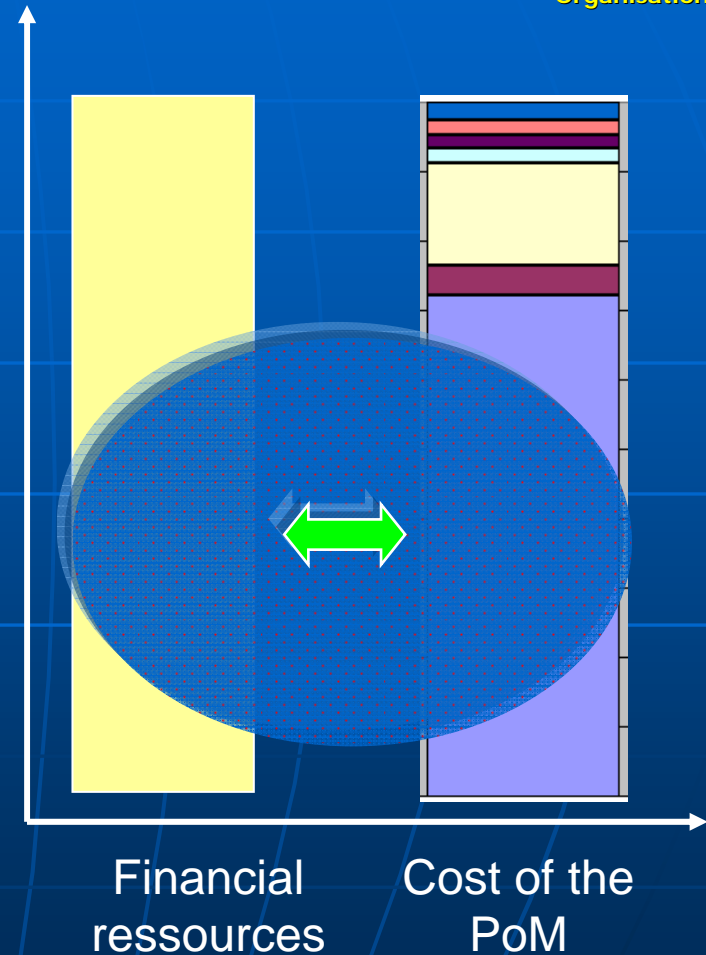
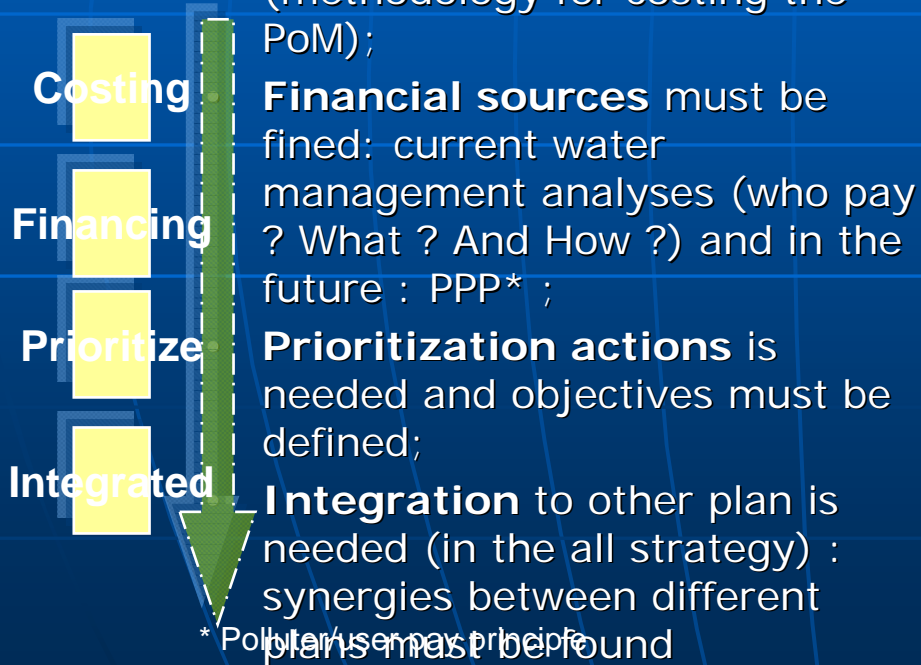




How to construct a financially balanced Program of Measures?



- What is a financially balanced PoM in the context of limited human and financial resources ?
- It is based on :
 - A good **costing of the PoM** (methodology for costing the PoM);





Office
International
de l'Eau
PARIS

Improve current financial resources lessons learned



International
Network of
Basin
Organisation

Fund raising strategy for an IWRM should be based:

- at the national level:
 - coordination between different institutions (ministries) and integration of different budgets (sectoral plans) for the PoM preparation;
 - Coordination of the donors
 - Support to local project holder for their relation with donors
 - Develop economic instruments
- at the river basin level:
 - Definition of the needs and prioritisation
 - Awareness rising on financing needs
 - Run some economic instruments



Domestic users



Agriculture



Industry

REDEVANCES

Fees

AGENCE DE L'EAU

Subsidies

AIDES



To get rid of pollution



To improve knowledge on the environment



To satisfy needs in water



To preserve environment



Office
International
de l'Eau
PARIS

7 categories of fees



International
Network of
Basin
Organisation

1 - Taxes for water pollution

 Domestic pollution



 Industrial



 breeding activities





Office
International
de l'Eau
PARIS

7 categories of fees



International
Network of
Basin
Organisation

2 - Tax for modernization of used water collection networks



- on the domestic water discharge
- on industrial water discharge

3 – Tax for phyto-pharmaceutical products use





Office
International
de l'Eau
PARIS

7 categories of fees



International
Network of
Basin
Organisation

4 – Taxes on surface and underground water

 For potable water



 For irrigation



 For industrialist



 For the supply of canals



 For hydro power





Office
International
de l'Eau
PARIS

7 categories of fees



International
Network of
Basin
Organisation

5 – Tax for water storage in reservoir during low water period
On the restraints > 1 million m³



6 – Tax on dams
On works over 5 meters high



7 - Tax for the protection of the aquatic environment
On freshwater fishing





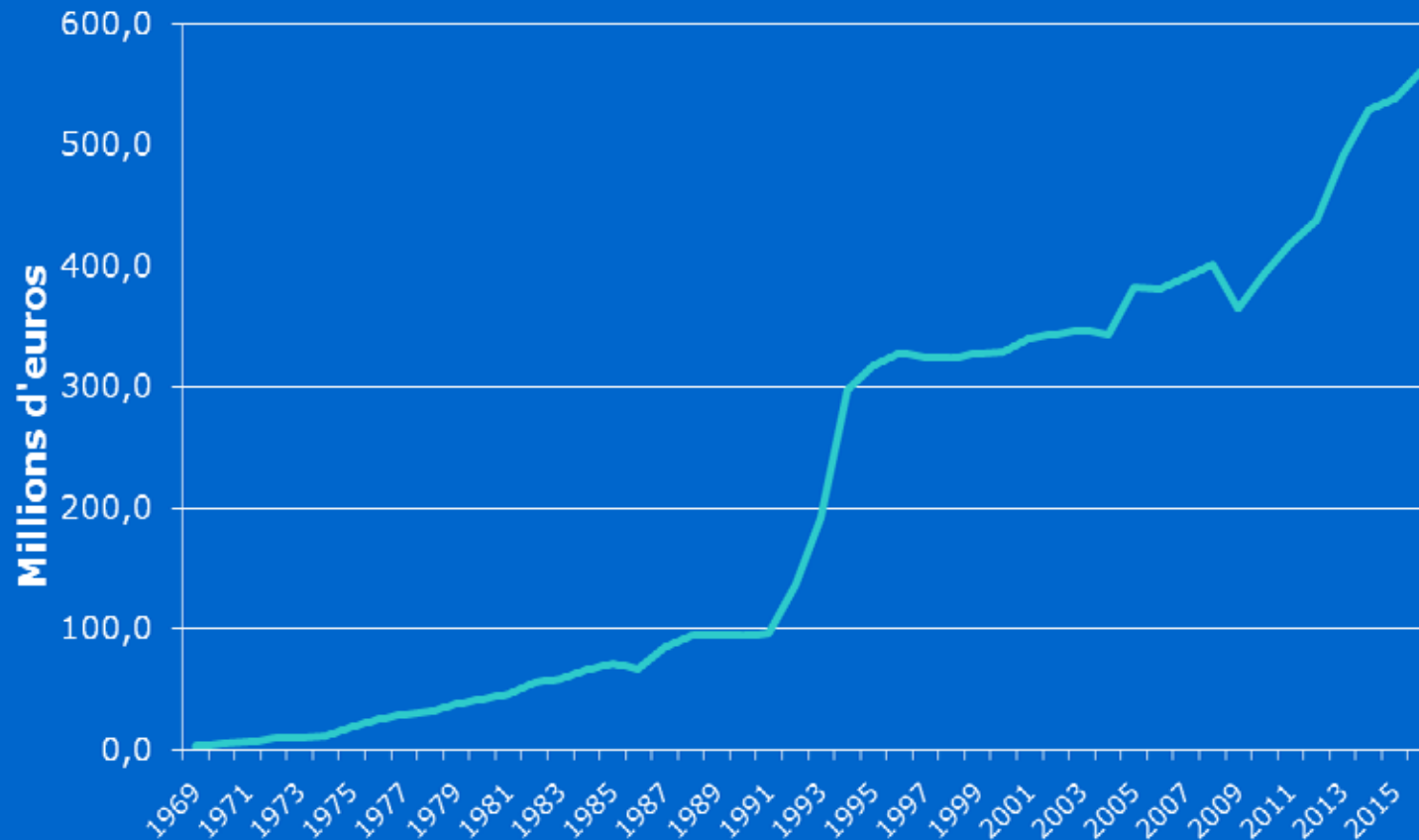
Office
International
de l'Eau
PARIS

Evolution of earmarked charge in one Water Agency



International
Network of
Basin
Organisation

Earmarked charge collected by Rhone Mediterranea Agency in millions of euros per year





Office
International
de l'Eau
PARIS

BONUS FOR WATER DEPOLLUTION



International
Network of
Basin
Organisation

Annual pollution
discharged in the environment



= > Amount of fee depends on waste water discharged, so on treatment's performance realized by industry or by urban wastewater treatment plant.



Office
International
de l'Eau
PARIS

Use of the funds to support priority type of projects



International
Network of
Basin
Organisation

THEME	LP	SLIG	CTRA	LIBELLE	TAUX
11 - INSTALLATIONS DE TRAITEMENT DES EAUX USEES DOMESTIQUES ET ASSIMILEES					
Epurateur des eaux usées	<u>11</u>	<u>11 11</u>	11 11 11	Etude de définition épuration (actions prioritaires)	50%
			11 11 21	Stations d'épuration (actions prioritaires)	30%
			11 11 01	Autosurveillance sur STEP existante	30%
			11 11 23	Stations d'épuration (SUR)	≤ 50 %
Traitement des boues d'épuration	<u>11 12</u>	<u>11 12</u>	11 12 11	Etude de définition boues actions prioritaires	50%
			11 12 21	Ouvrages boues STEP (actions prioritaires)	30%
			11 12 22	Ouvrages boues STEP (actions prioritaires)	35%
			11 13 13	Etude ANC (SUR)	≤ 50 %
			11 13 01	Contrôle ANC neufs	30%
			11 13 22	Travaux de réhabilitation ANC (actions prioritaires)	30%
Traitement eaux pluviales et TA	<u>11 14</u>	<u>11 14</u>	11 14 22	Traitement EP strictes et techniques	30%
					35%
12 - RESEAUX D'ASSAINISSEMENT DES EAUX USEES DOMESTIQUES ET ASSIMILEES					
Etudes et métrologie des réseaux	<u>12</u>	<u>12 11</u>	12 11 11	Etudes d'aide à la décision (actions prioritaires)	50%
			12 11 21	Métrologie (actions prioritaires)	50%
Création et extension de la	<u>12 12</u>	<u>12 12</u>	12 12 21	Collecte des eaux usées ou pluviales	30%
			12 12 23	Collecte des eaux usées (SUR)	≤ 50 %

One type of action, one co-financing rate



Office
International
de l'Eau
PARIS



International
Network of
Basin
Organisation

Basin Organisations have a key role to improve water management financing:

- Base on the preparation and costing of the program of measures**
- Can have a key incentive role with water policy financing instruments!**



Office
International
de l'Eau
PARIS

Thanks for your attention



International
Network of
Basin
Organisation



p.henry-de-villeneuve@oieau.fr
www.oieau.fr
www.riob.org