



VIETNAM ENVIRONMENT ADMINISTRATION

SITUATION OF WATER POLLUTION IN VIETNAM

—

LEGAL FRAMEWORK AND ORIENTATION TOWARDS THE CONTROLLING OF WATER ENVIRONMENT

CONTENT

I. SITUATION OF WATER ENVIRONMENT POLLUTION IN VIETNAM

II. LEGAL FRAMEWORK OF WATER ENVIRONMENT POLLUTION CONTROL

III. ORIENTATION TOWARDS CONTROLLING OF WATER ENVIRONMENT POLLUTION



I. SITUATION OF WATER ENVIRONMENT POLLUTION IN VIETNAM



POLLUTION SOURCES

SURFACE WATER POLLUTION

Industrial activities

Agricultural activities

Untreated urban domestic wastewater

Hospital wastewater



GROUND WATER POLLUTION

Salinization

Heavy metal and microorganism pollution

MARINE POLLUTION

Coastal urban development and population growth pressure

Maritime activities pressure

Aquaculture development pressure

Costal industrial and tourism development

POLLUTION SOURCES



II. LEGAL FRAMEWORK OF WATER ENVIRONMENT POLLUTION CONTROL



BASIC LEGAL PRINCIPAL: TO ENSURE THE RIGHT OF THE PEOPLE TO LIVE IN HEALTHY ENVIRONMENT

**LAW ON ENV. PROTECTION
2014**

20 chapters, 179 articles

1. Water quality management and control of discharge to the water environment

2. Management of wastewater

3. Supportive tools to management of water environment



**LAW ON WATER
RESOURCES 2012**

1. Prevention of water pollution, degradation and shortage

2. Monitoring of water resources

3. Water resources protection corridor

**LAW ON ENV.
PROTECTION
2014**

❖ Regulate clearly subjective responsible for wastewater treatment

→ Differentiate responsibilities between of the investors and of the operators in the task of wastewater treatment

→ Avoid confusion in the fulfilling responsibilities of parties when violations occur;

❖ Legalize automatic wastewater monitoring

→ Avoid false reporting on wastewater issues



**LAW ON ENV.
PROTECTION
2014**



Supportive tools:

Chapter 11

**NATIONAL TECHNICAL
REGULATIONS**

Chapter 12

MONITORING

Chapter 16

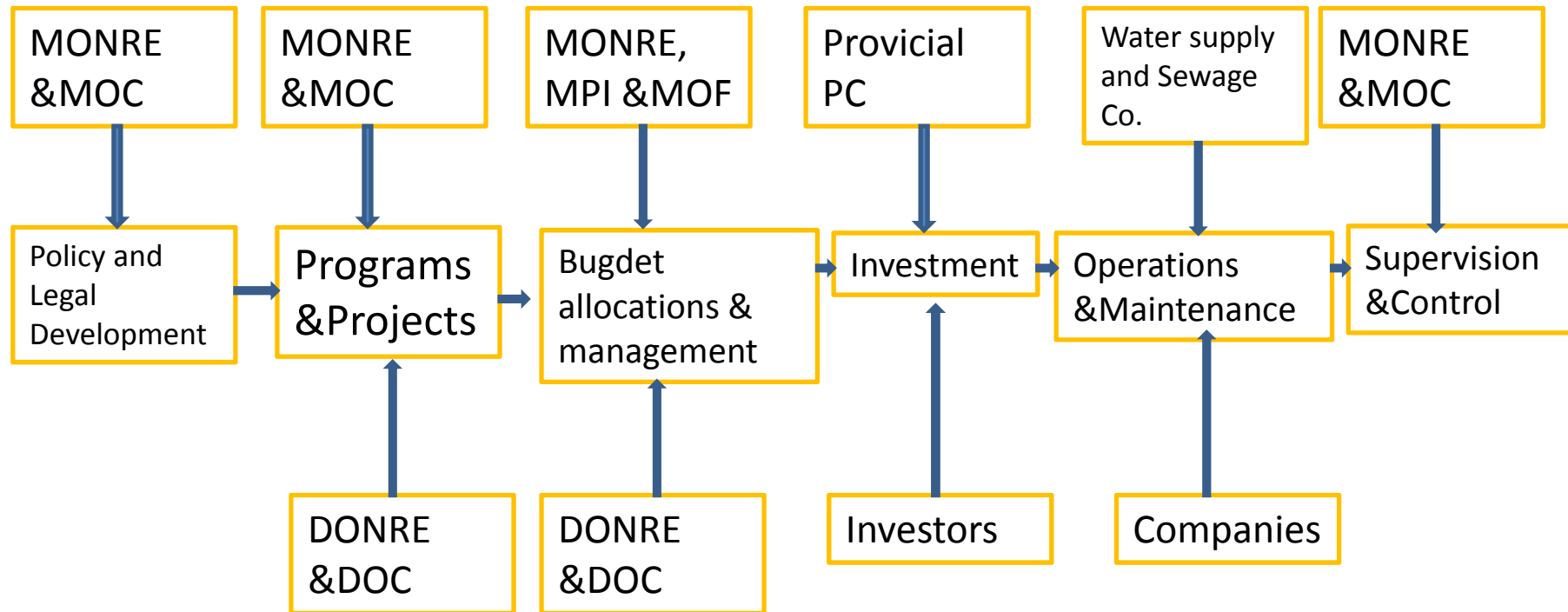
**FINANCE FOR WASTEWATER
MANAGEMENT**

Chapter 18

**ASSESSMENT, SUPERVISION
AND INSPECTION**



STATE MANAGEMENT SYSTEM FOR WATER ENV.



III. ORIENTATION TOWARDS CONTROLLING OF WATER ENVIRONMENT POLLUTION



- 1. Development of comprehensive legal framework**
- 2. Development of national key priority program until 2020**
- 3. Development of policies that promote cooperation between government agencies and civil society, policies on privatization and promotion of investment to wastewater treatment**
- 4. Enhance controlling of the pollution sources, especially high volume pollution sources**
- 5. Promotion of environmentally sound treatment technologies for water pollution**
- 6. Monitoring of water quality**
- 7. Strengthening transboundary water pollution**
- 8. Enhance preparedness to respond to water pollution incidents**



THANK YOU FOR YOUR ATTENTION!

