



**MINISTRY OF INDUSTRY AND TRADE**  
**VIETNAM CHEMICALS AGENCY**



**國際化學品2019**

**8/7~8/9 管理研討會**

**International Chemical  
Management Conference**

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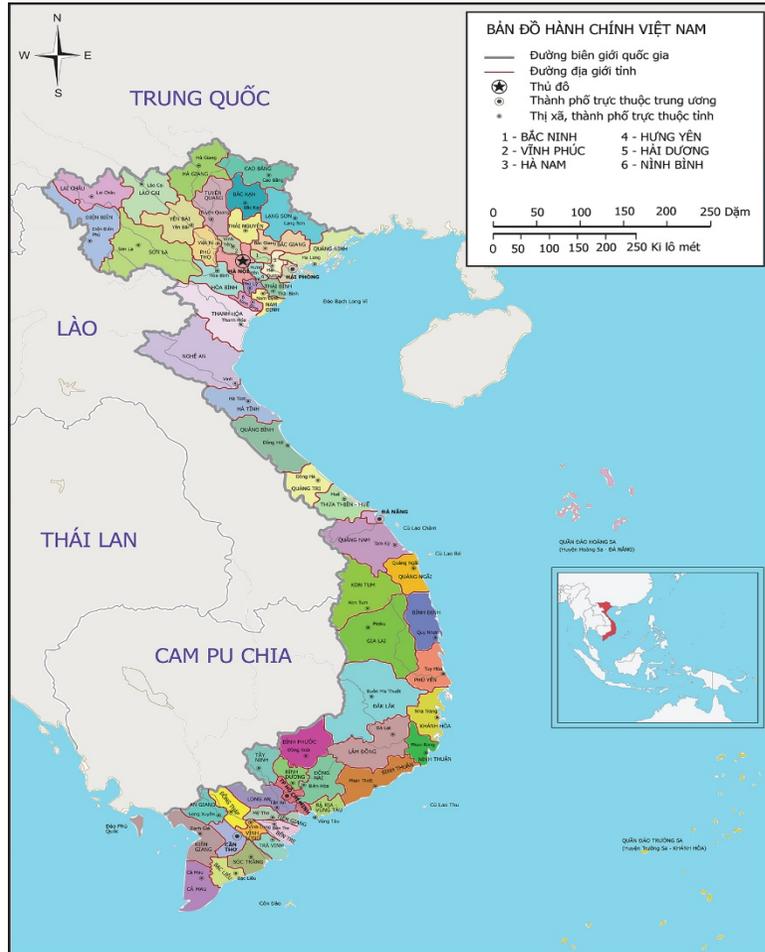
Toxic-free Environment Green Community Sustainable Society

# Legal framework for the chemicals management in Vietnam

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**8/8/2019**

# Introduction of Vietnam



**Capital**

**Hanoi**

**Official language**

**Vietnamese**

**Ethnic groups**

- **85.7% Vietnamese<sup>[b]</sup>**
- **53 minorities<sup>[show]</sup>**

**Religion**

- **73.2% Folk or Irreligious**
- **12.2% Buddhism**
- **8.3% Christianity**

**Government**

**Marxist-Leninist one-party socialist republic**

**Area**

- **Total**
- **Water (%)**

**331,230.8<sup>[4]</sup> km<sup>2</sup>(127,888.9 sq mi) (65th)**  
**6.4<sup>[5]</sup>**

**Population**

- **2016 estimate**
- **Density**

**94,569,072<sup>[6]</sup> (14th)**

**276.03/km<sup>2</sup>(714.9/sq mi) (46th)**

**GDP (PPP)**

- **Total**
- **Per capita**

**2018 estimate**

**\$705.774 billion<sup>[7]</sup> (35th)**

**\$7,463<sup>[7]</sup> (128th)**

**Currency**

**đồng (₫) (VND)**

**Time zone**

**(UTC+7)**

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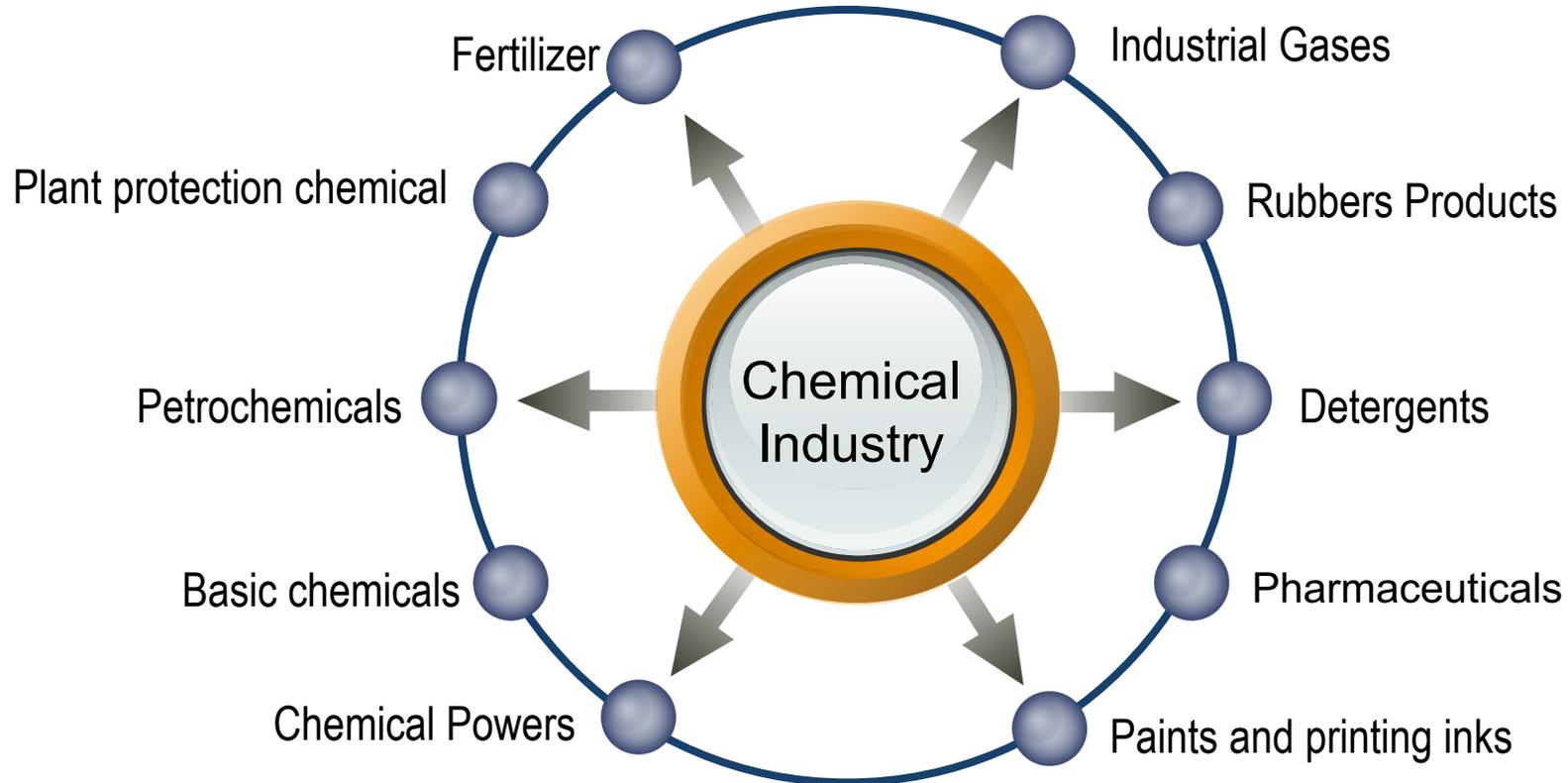
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Institutional framework

# Chemicals Industry in Vietnam

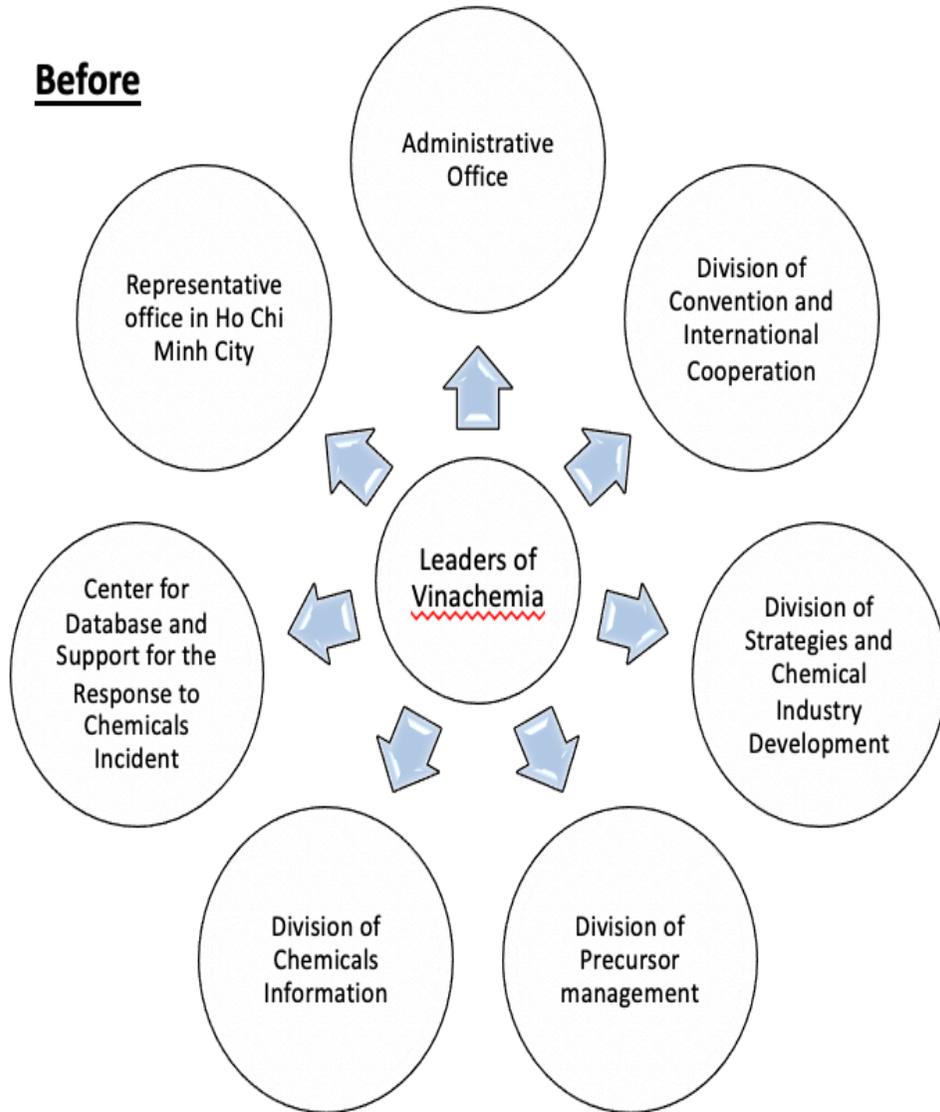


# State management of chemicals activities by life-circle (Law on Chemicals 2007)

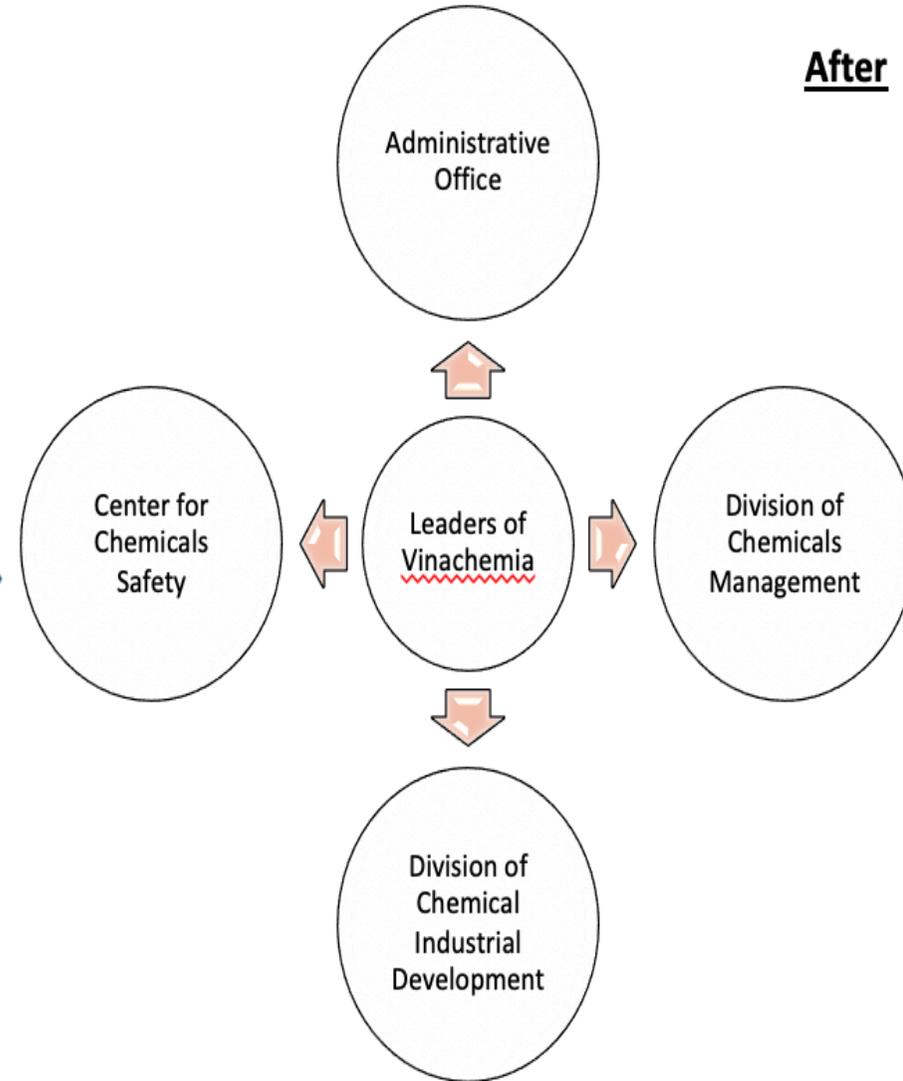
Ministry	Import / Export	Production	Trade	Transport	Use	Disposal
Industry and Trade (MOIT) – Focal Point	ALL	ALL	ALL	-	Industrial	-
Environment and Natural Resource – MONRE	POPs, waste	-	-	POPs, waste		POPs, waste
Agriculture and Rural Development -MARD	Crop Protection; Agrochemicals	Crop Protection; Agrichemicals	Crop Protection; Agrichemicals	-	Crop Protection; Agrichemicals	-
Health - MOH	Pharmaceutical; biocide	Pharmaceutical; biocide	Pharmaceutical; biocide	-	Pharmaceutical; biocide	-
Transportation - MOT	-	-	-	Main	-	-
Local authorities	Involve					

# New structure of Vinachemia

**Before**



**After**





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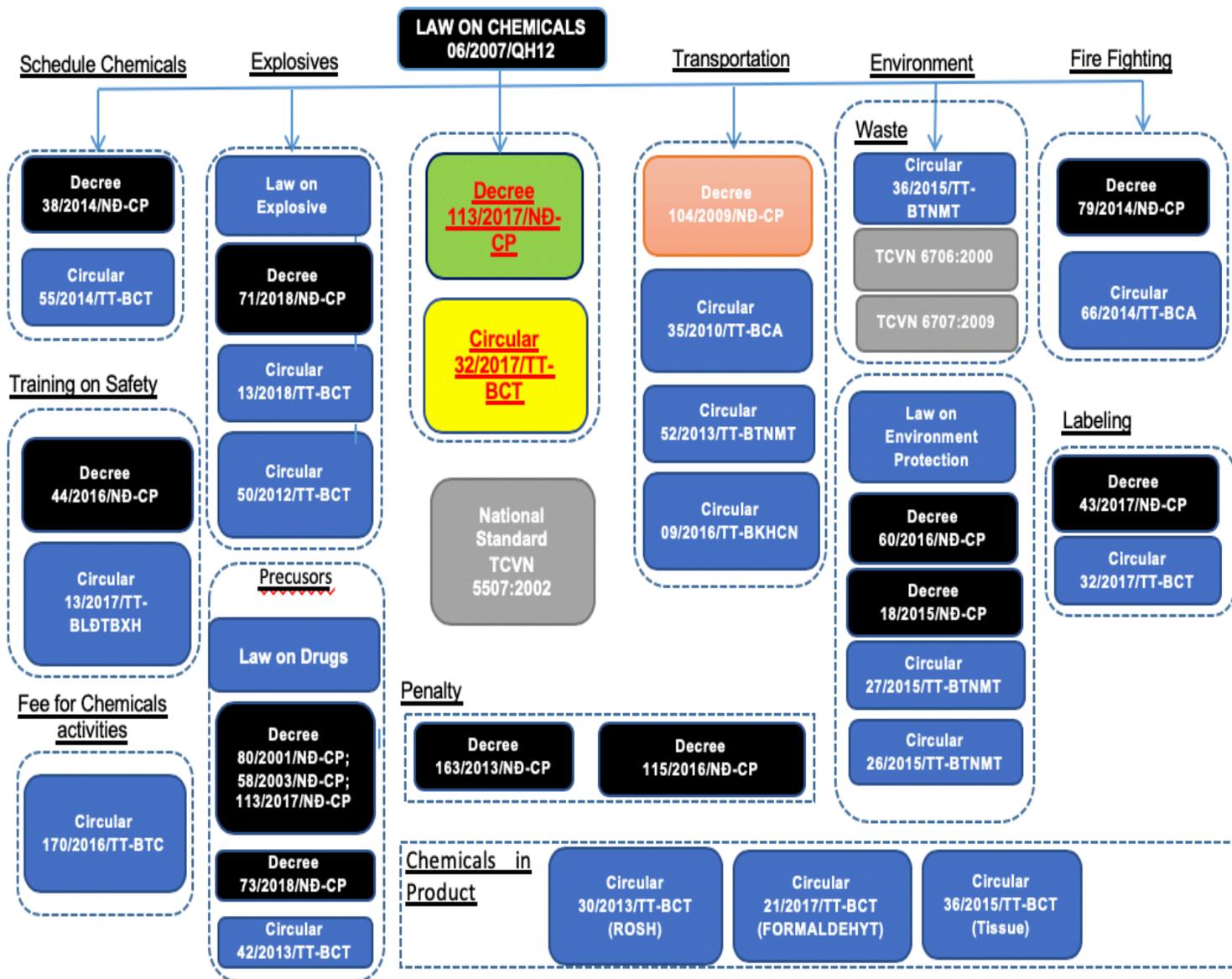
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Legislation framework

# Legislation framework on chemical management



International Conventions (CWC, SAICM, Rotterdam, Minamata ...)

National Inventory and Database

# List of chemicals and regulations

## Prohibited Chemicals

Annex III  
(CWC,  
Rotterdam  
Convention)

Licenses from the Prime Minister for some special purposes (authorized to Minister of MOIT)

## Restricted Chemicals

Annex II,  
Health hazards  
Category 1

Licenses from the Ministry of Industry and Trade

## Conditional Chemicals

Annex I;  
Physical hazards  
Category 1;  
Health hazards  
Category 2,  
Environmental  
hazards

Confirmation from Department of Industry and Trade

## Declarable chemicals

Annex V  
(hazardous  
chemicals)

National Single Window

## Plan, Measure

Annex IV  
(Serveso III)

1. License for Plan from MOIT
2. Self-approved Measure from Company

## Industrial precursors

Drugs convention

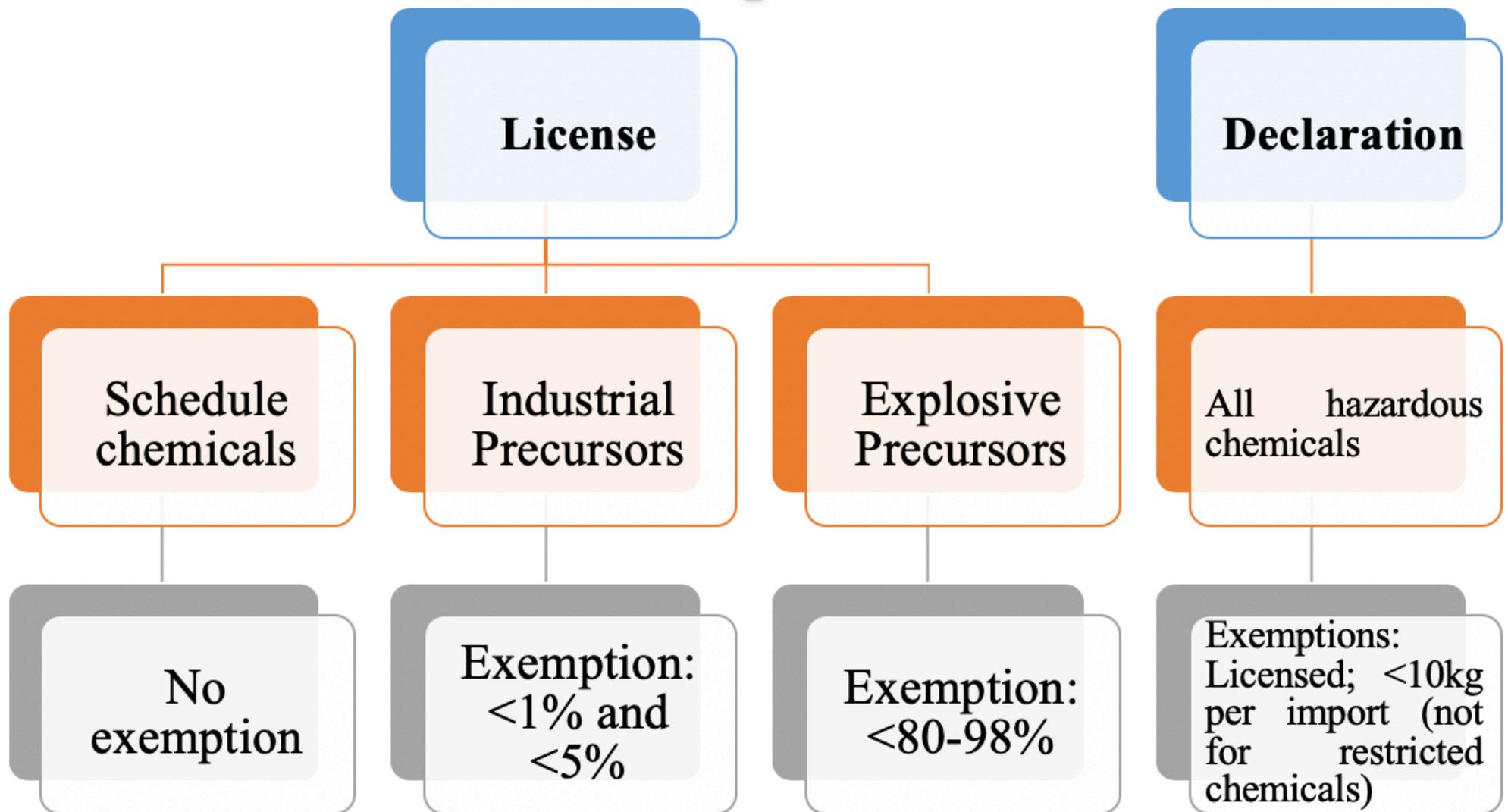
Licenses for import/export from the Ministry of Industry and Trade

## Toxic chemicals

Article 4,  
Chemicals  
Law

Purchasing control paper

# Import – export of chemicals



# CBI

CBI

- Name and volume of produced, traded and imported chemicals
- Information of technical and trade secrets

Non-CBI

- Trade name of chemicals
- Name of producer and importer of chemicals
- MSDS, excluding CBI information
- Information for emergency response
- Toxicity and expose information of chemicals
- Purity of mixture and hazard of additives and impurities

# GHS

## Classification of chemicals

- Applying Version 2 of GHS 2007 onward;
- Classes and Categories are almost unchanged, only "Respiratory Hazard"

## Labeling of chemicals

- Updated according to Decree 43/2017 / ND-CP
- Specific labeling guidelines for small label
- Clarifying responsibilities of organizations and individuals for information on chemical labels and products

## MSDS

- No strict rules on forms and order
- Only mandatory minimum content and guidelines are provided

# Training and Safety

## Training for Labors

No certificate requirements;  
Self-training.

Per 02 years or incase of changes in production activities

03 Groups:  
Leaders, Supervisors and Labors

Contents:  
Regulations, MSDS, Prevent and Response to emergency

## Prevent and Response to emergency

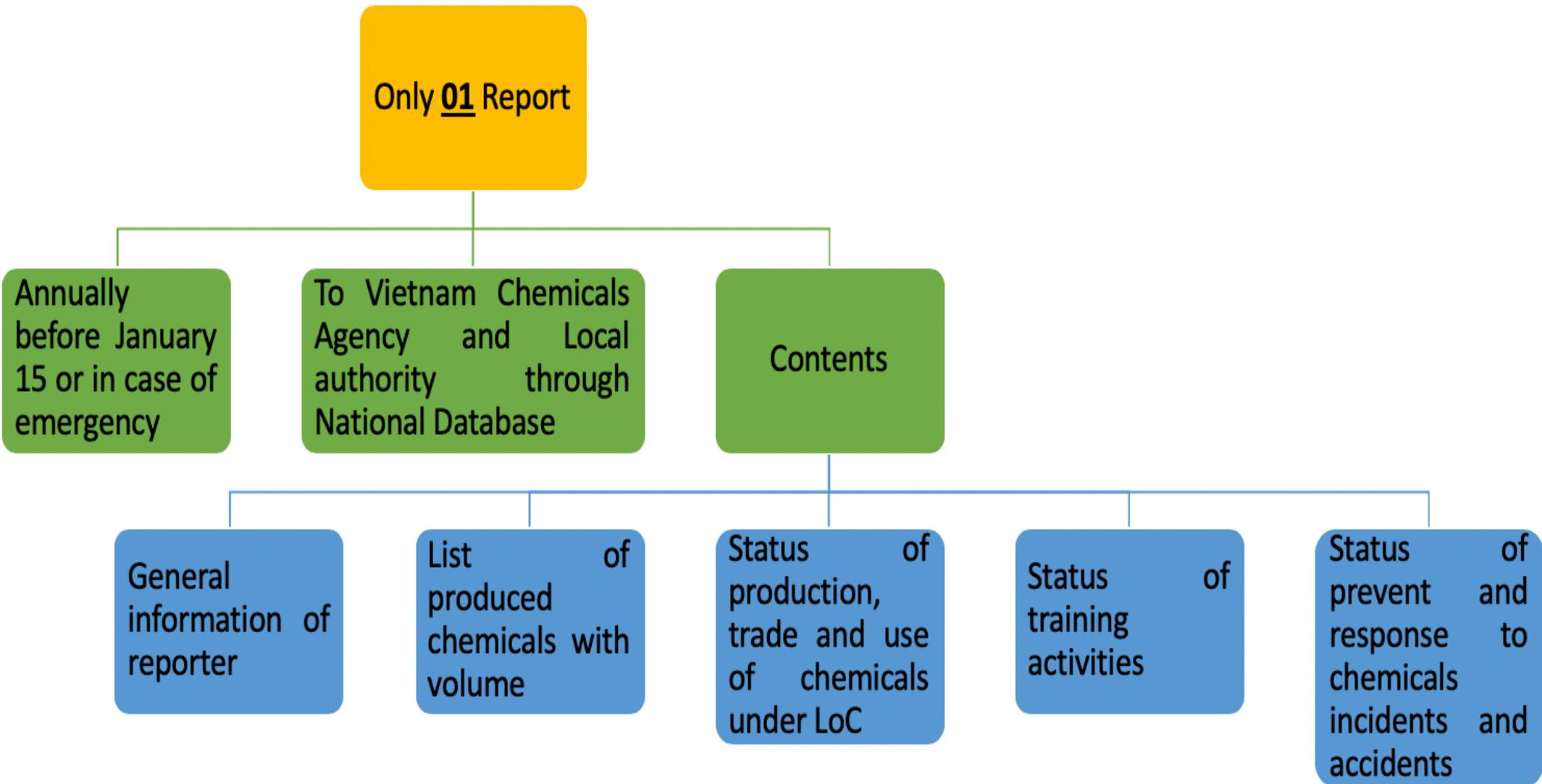
License from MOIT for Plan

Self-approval for Measure

1. Production technology and environmental conditions
2. Predicted incidents and response plan
3. Recovery plan.

1. Plans for control the predicted incidents.
2. Response plan in place.
3. Cooperation plan with out-site forces

# Reporting



# Challenges



Lack of definition on Article and chemical activities

No differences in conditions of production and trade; and between large and SME

Safety distance

License-based management

Recognition of international inventory and CBI

Weak in risk management

Overlaps in safety requirements between governmental authorities (emergency plan)



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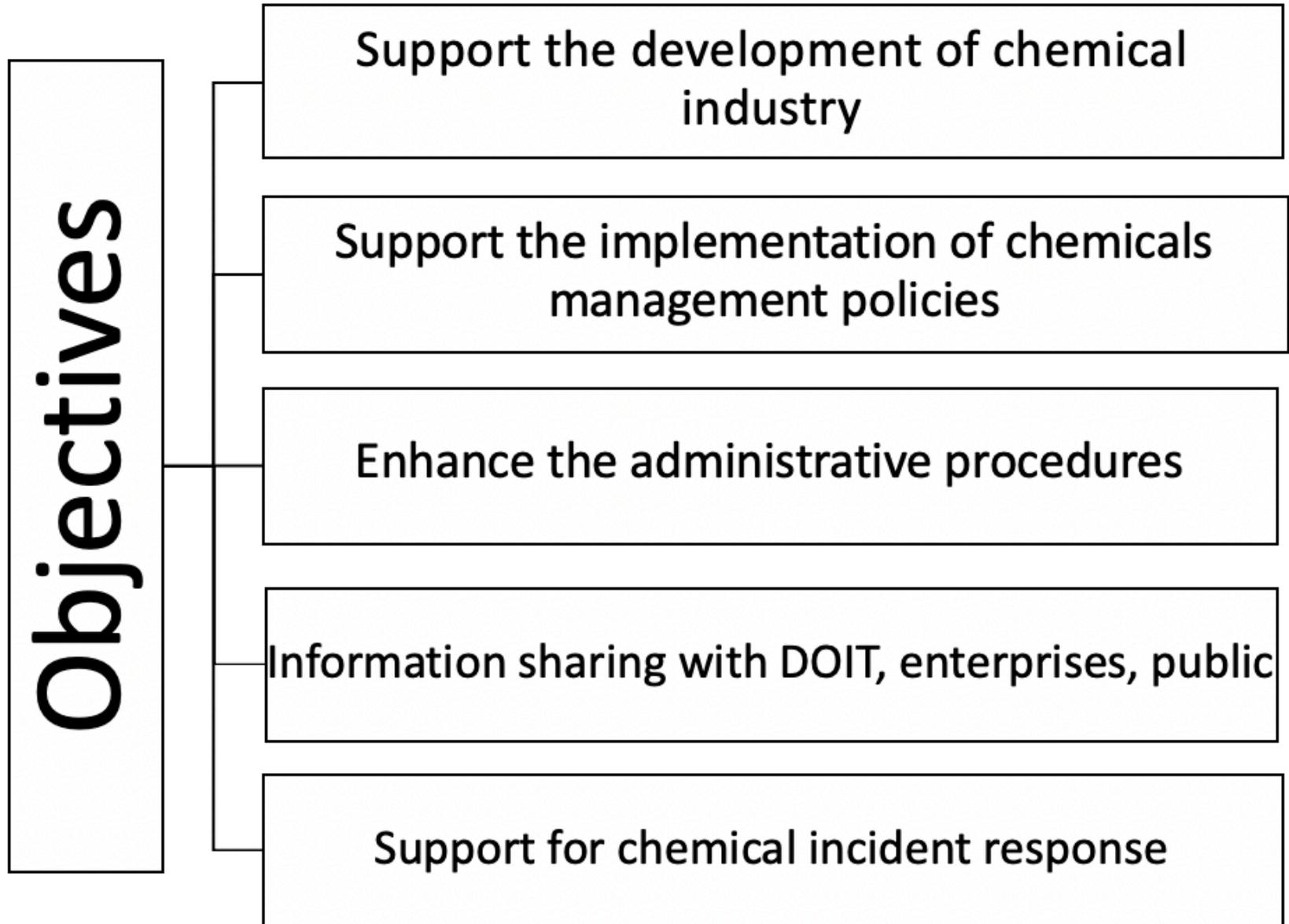
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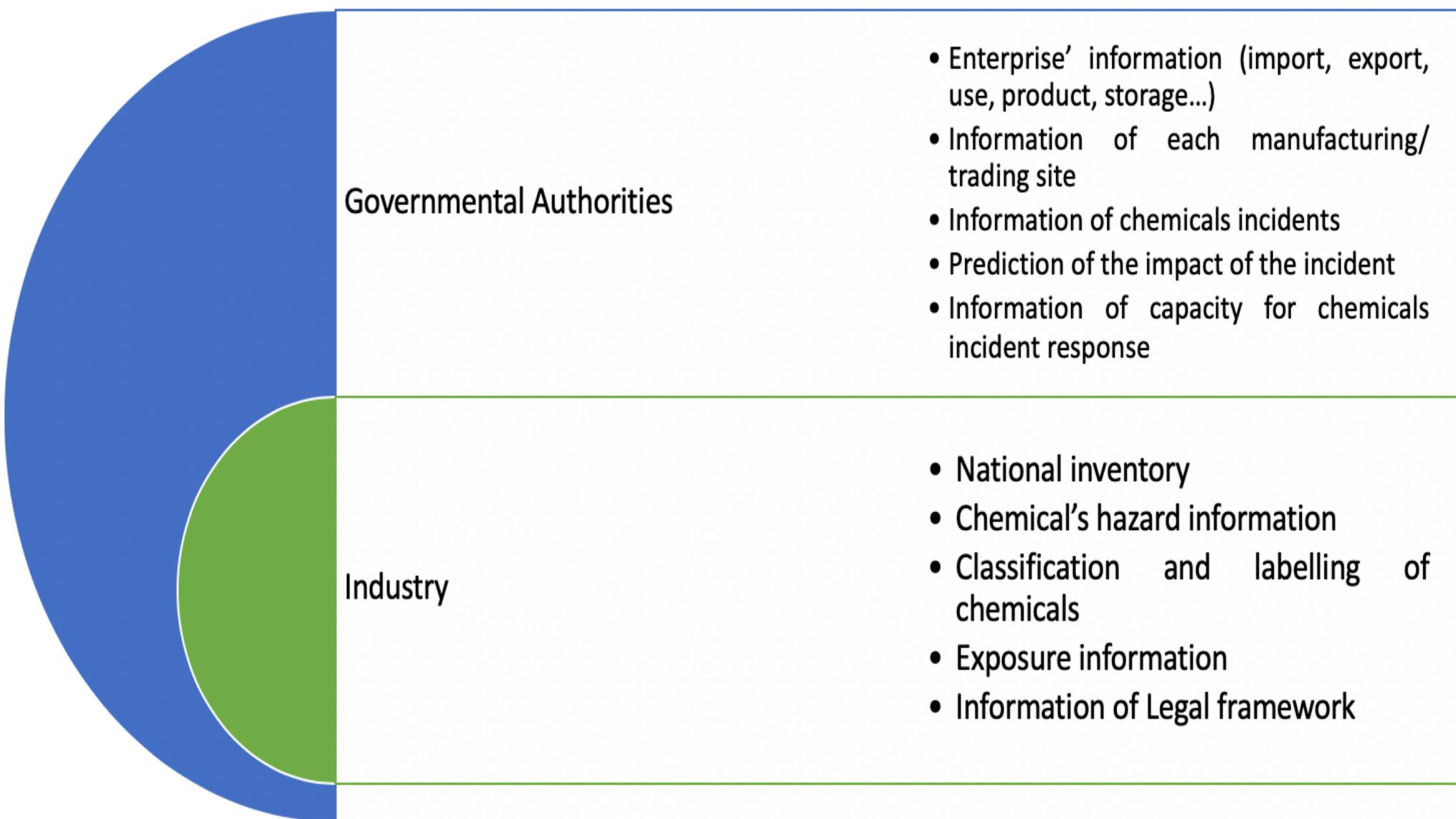


# 3 National Chemicals Inventory and Database

# National Chemicals Inventory and Database



# National Chemicals Inventory and Database



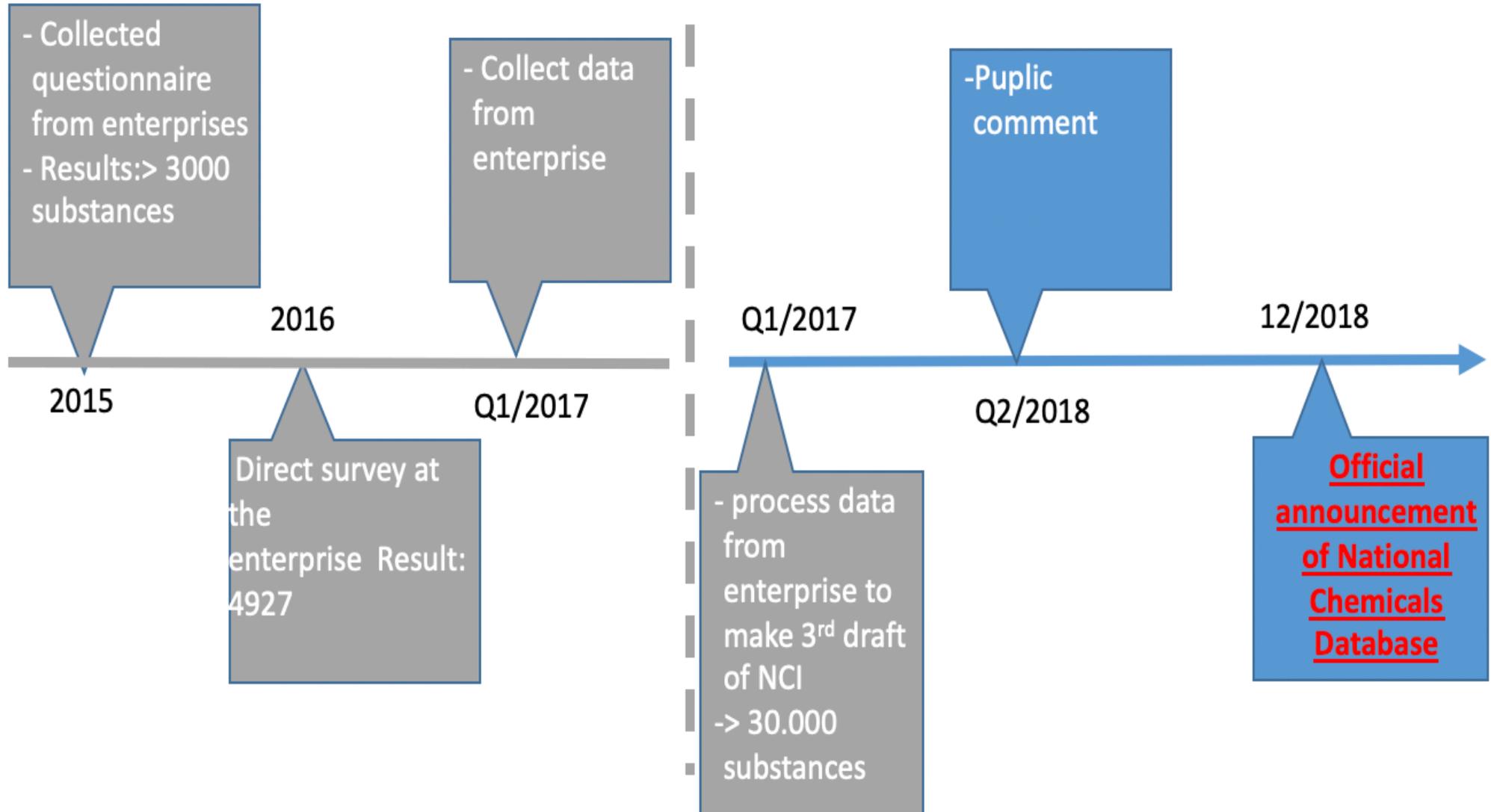
Governmental Authorities

- Enterprise' information (import, export, use, product, storage...)
- Information of each manufacturing/trading site
- Information of chemicals incidents
- Prediction of the impact of the incident
- Information of capacity for chemicals incident response

Industry

- National inventory
- Chemical's hazard information
- Classification and labelling of chemicals
- Exposure information
- Information of Legal framework

# National Chemicals Inventory and Database



# National Chemicals Inventory and Database

<http://chemicaldata.gov.vn/cms.xc>



HỆ THỐNG CƠ SỞ DỮ LIỆU HÓA CHẤT QUỐC GIA

VIETNAM NATIONAL CHEMICAL DATABASE SYSTEM

Thành viên



Trang chủ



Tài liệu



Tim kiếm

## TIN NGÀNH HÓA CHẤT



### Lễ công bố vận hành cơ sở dữ liệu hóa chất quốc gia

Ngày đăng: 13/12/2018

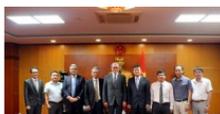
Lễ công bố vận hành Hệ thống cơ sở dữ liệu hóa chất quốc gia vừa được Bộ Công Thương tổ chức ngày...



### Hội nghị về đánh giá sự cần thiết và các bài học kinh nghiệm thực tiễn tốt nhất trong...

Ngày đăng: 11/06/2018

Với vai trò là Thường trực Cơ quan quốc gia thực hiện Công ước Cấm vũ khí hóa học (Công ước CWC),....



### Thứ trưởng Bộ Công Thương Đỗ Thắng Hải tiếp và làm việc với Tổng giám đốc Tổ chức Cấm vũ...

Ngày đăng: 11/06/2018

Sáng ngày 07/05/2018, Thứ trưởng Bộ Công Thương Đỗ Thắng Hải -

## THÔNG BÁO

### ✓ Hướng dẫn sử dụng Cơ sở dữ liệu hóa chất quốc gia

Ngày đăng: 10/01/2019

Thực hiện Đề án Xây dựng Danh mục hóa chất quốc gia và Cơ sở dữ liệu hóa chất quốc gia theo Quyết định số 768/QĐ-TTg ngày 22...

### ✓ Các hóa chất phải báo cáo theo Thông tư 32/2017/TT-BCT

Ngày đăng: 09/01/2019

Kính gửi các đơn vị có hoạt động hóa chất và hiện đang sử dụng hệ thống để gửi báo cáo hóa chất Việc báo...

### ✓ Thư mời tham dự Hội thảo và tập huấn về Danh mục Hóa chất Quốc gia tại TP Hồ Chí Minh

Ngày đăng: 13/12/2018

Kính gửi: Các đơn vị có hoạt động hóa chất Đề án xây dựng cơ sở dữ liệu hóa chất quốc gia và Danh mục Hóa...

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Điện thoại: 024 2220 5056 - Fax: 024 2220 5038. Website: [www.cuchoachat.gov.vn](http://www.cuchoachat.gov.vn). - Hỗ trợ kỹ thuật: Điện thoại: 091 895 3916.



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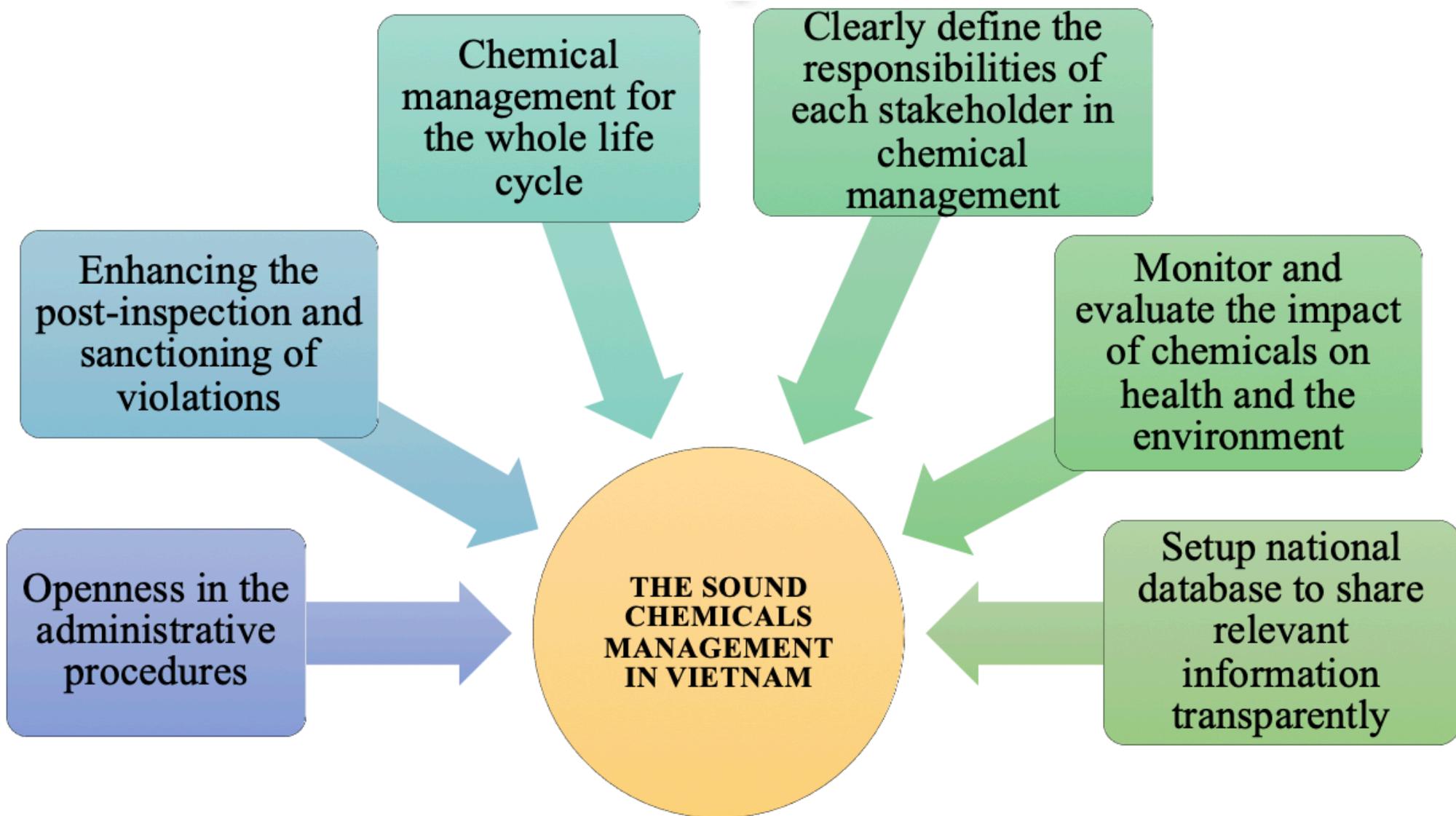
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Trends toward the SCM  
(sound chemicals  
management)

# Trends toward the SCM (sound chemicals management)





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THANK YOU