



# JCIA's Approach to Emerging Chemical Issues in Japan

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**ACTION AND REACTION**

*Developing a sustainable approach to emerging chemical issues*

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# Overview

- ❑ Background
- ❑ **JCIA's Basic Stance on Addressing Emerging Chemical Issues**
- ❑ **Effective Approach and Role of Chemical Industry under Cooperation of Multiple Industry Sectors**
- ❑ **Response to REACH as Current Emerging Issue**



# Topic One

- Issue Resolution through Voluntary Activity
  - Past Results and Strong Confidence through Responsible Care
  - Established Basic Scheme for Issue Resolution
  
- Successful Experience on the collaboration with Automotive Industry Sector
  
- Addressing REACH in Japan



# Background

- ❑ Pursuit of Sustainable Development
- ❑ Globalization of Business
- ❑ Many Stakeholders and Diversification of its Requests/Concerns
- ❑ Chemical Industries' Experience and Performance of Voluntary Activity through Responsible Care

# JCIA's Basic Stance on Addressing Emerging Chemical Issues



- ❑ Solution to the issues with **the Best Mix of Legal and Voluntary Way**
- ❑ Endeavor to address issues with Voluntary Activity **Possible way to contribute tailored to each capacity among big and small companies**
- ❑ Communication with Government and/or Related Organization
- ❑ Support and Cooperation with Downstream Users to solve the problem
- ❑ Communication with the Society and Stakeholders to gain Trust and Understanding

# Addressing Emerging Chemical Issues



## General Scheme for solution

Analysis of  
the Issues



Dialogue and  
Discussion with  
Stakeholders



Find the Best  
Solution

## Various Quick Actions toward Best Solution

- ❑ Establishment **Task team or Working Group**
- ❑ Holding **Seminars** for Association members
- ❑ **Consulting Desk** for the Members
- ❑ Preparation of **Q & A** and putting it on the Website
- ❑ Cooperation and Communication with Government and Stakeholders

# Effective Approach under Cooperation of Multiple Industry Sectors



- ❑ Discussion and Information Exchange among related Industry Sectors ⇒ **Appreciation for diversity and Mutual Understanding**
- ❑ Consideration of Best Solution to realize the **Relationship of Happy-Happy**
- ❑ Suppliers support their Downstream User ⇒ **User's Success brings Benefits to Suppliers**

# The Role of Chemical Industry under Cooperation of Multiple Industry Sectors



- ❑ **Support and Consulting** for Users with Specialist Advice of Chemicals and Chemical Products
- ❑ **Openness of hazard and Risk Information** of Chemicals for User's Chemicals Control
- ❑ **Development of New Technology** to Supply more Safe and Secure Products



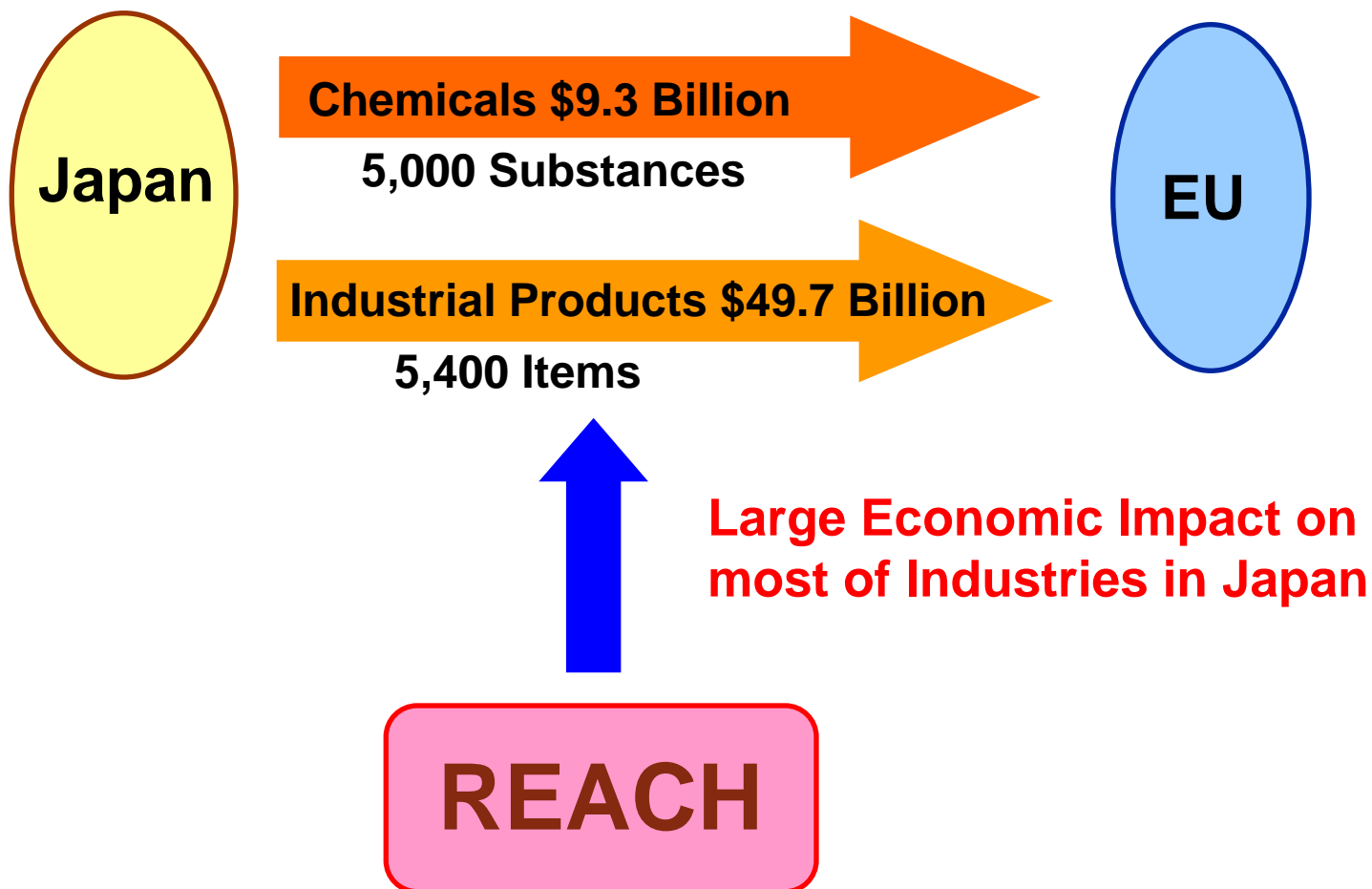


# Case Example of Cooperation of Multiple Industry Sectors — Automotive Industry —

- ❑ Global Automotive Stakeholders Group (GASG)
- ❑ Global Voluntary Activity (Japan – Americas – Europe) of Chemicals Control for Automotive Industry
  - Global Automotive Declarable Substance List (GADSL)
- ❑ Cooperation of Multiple Industry Sectors (Automobile – Automotive Parts – Chemicals/Plastics )
- ❑ Holding of Global Meeting and Revision of GADSL Once a Year after Deliberation at each Area



# Key Emerging Chemical Issues in Japan





# Addressing REACH in Japan

- Key Drivers
    - Industrial Products Manufacturer (Article Manufacturer) Association of Automobile, E&E, Parts etc.
    - Chemicals producer
    - Japan Chemical Industry Association
  
  - Backup by Government (METI, MOE)
    - Distribution of REACH Information to Industrial Area
- 
- Appearance of New Business
    - Consulting, Registration Service, Analysis Service etc.



# JCIA's Response to REACH

- “ REACH Conference ”
  - Set up in 2004
  - Members : 60 Companies
  - Study REACH Laws and collect related information
  - Comment to EU Committee and EU Parliament
- “ REACH Task Force “ (Set up in 2007)
  - Holding Seminars and WS regarding REACH
  - Work as a collaborator for JCIA Members
- “ Supply Chain Management WG “ (Set up in 2007)
  - Study of Information Transfer on Supply Chain
    - Form, Method

# Thank you for Attention !



**Japan Chemical Industry Association**



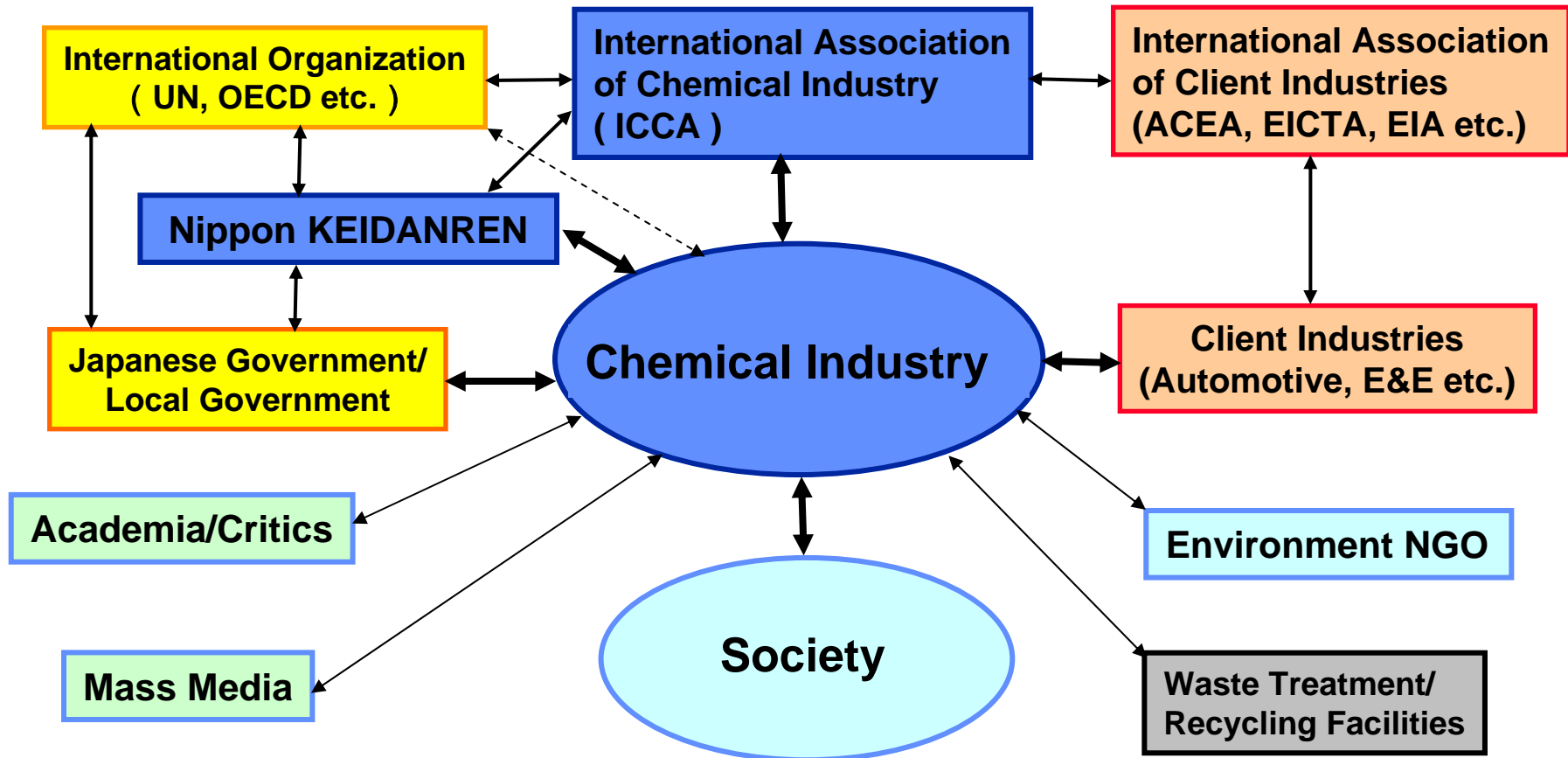
## Appendix 1

# Japan Chemical Industry Association (JCIA)

- ❑ Founded on April 1948
- ❑ Members (as of June, 2007)
  - Company Member : 189 Companies
  - Association Member : 78 Associations
- ❑ Annual Sales of JCIA Members
  - Around 80% of All Chemical Industry in Japan
- ❑ Activity : 4 Main Points “CARE”
  - C: Communication, A: Advocacy, R: Research, E: Education
- ❑ Implementation of Responsible Care Activity
  - (Started from 1995)

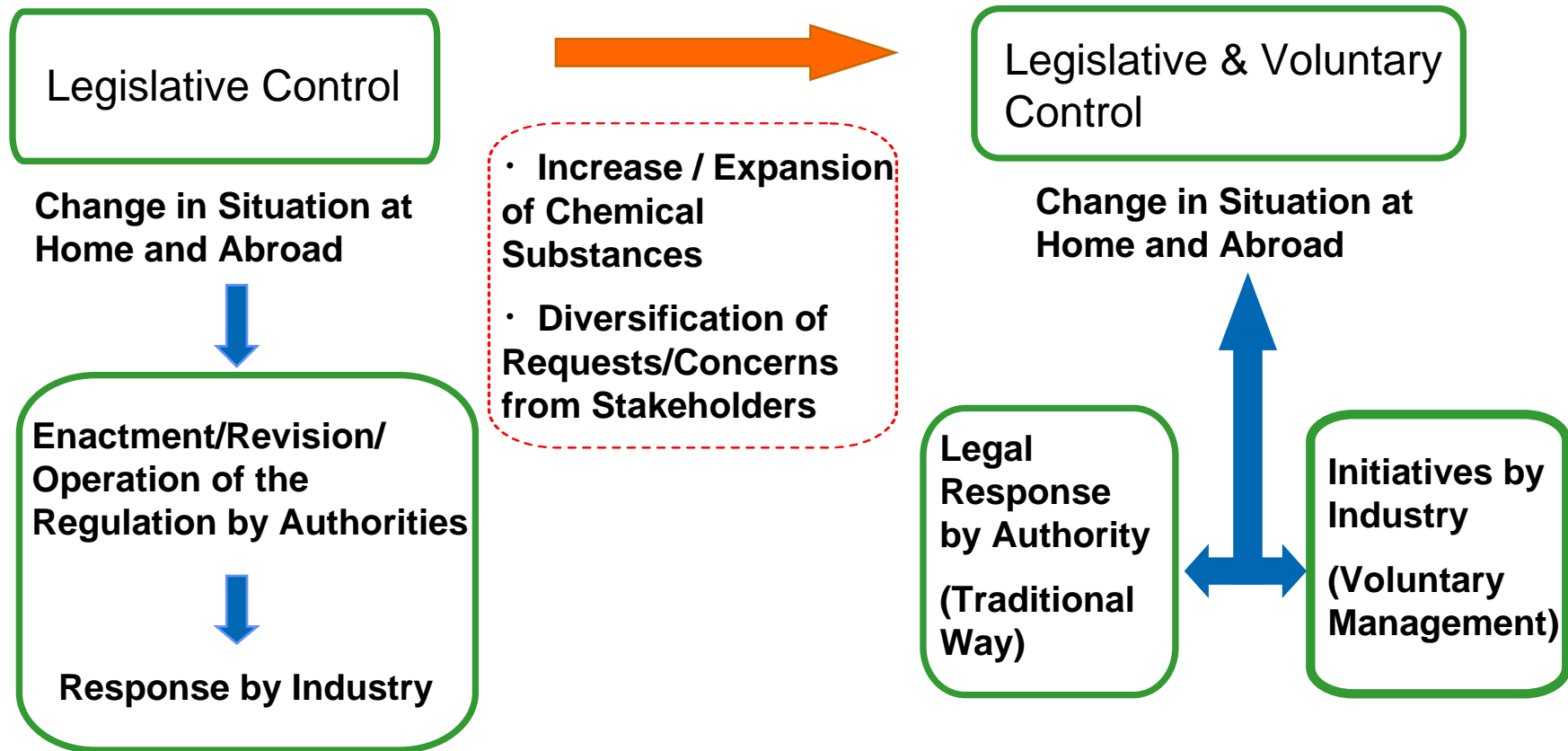
# Appendix 2

## Various Stakeholders related to Chemical Industry



# Appendix 3

## Legislative Control & Voluntary Control





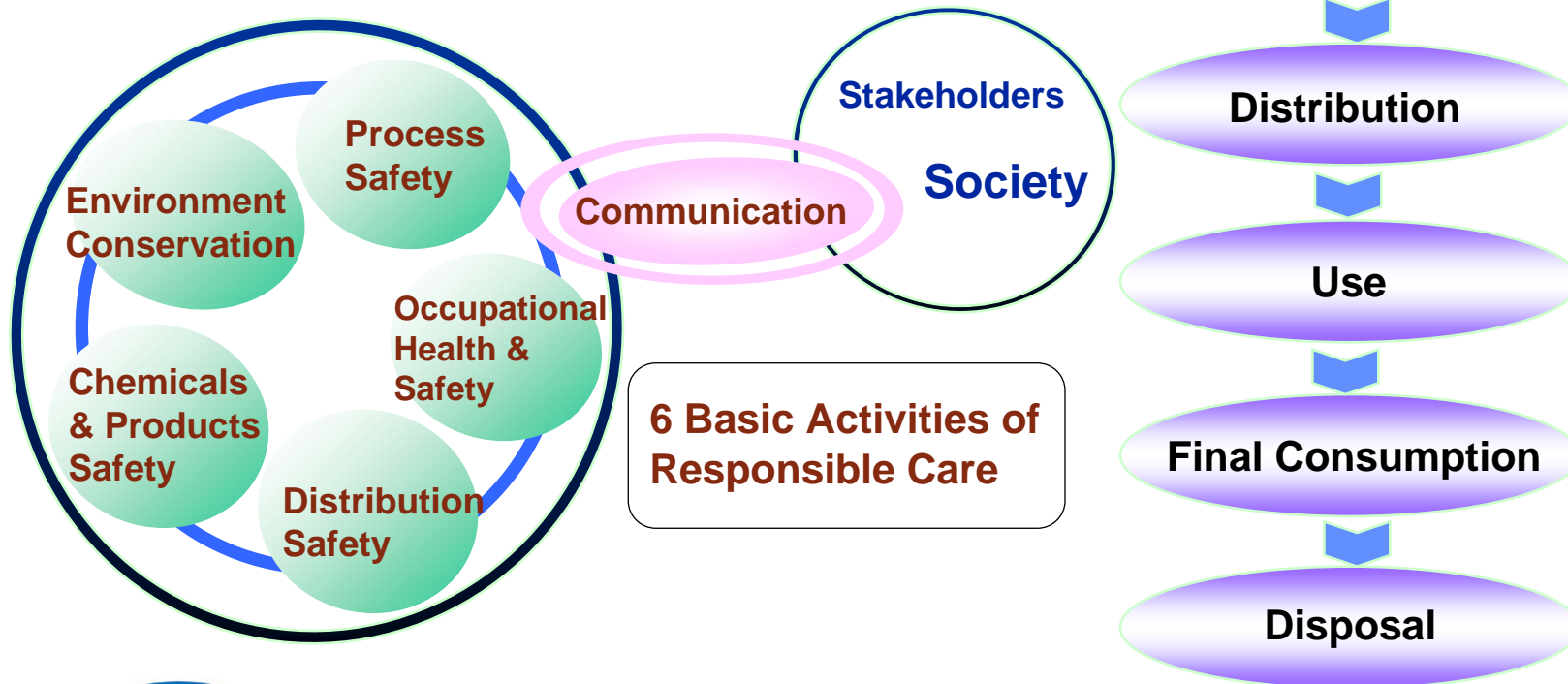
# Appendix 4

## Voluntary Activity of Chemical Industry for EHS



### — Responsible Care Activity —

Securement of “Environment conservation, Health & Safety” through the Life-cycle of the Chemical Products.





## Appendix 5

# Main Outcomes of Responsible Care

- Emission Mitigation in 2005
  - Green House Gas : -15% from 1990
  - Volatile Organic Compounds : -43% from 2000
  - Final Disposed Industrial Waste Volume : -77% from 1990
  
- Energy Saving in 2005
  - Unit Energy Consumption : -14% from 1990
  
- Dialogue Meeting with Community
  - Regional Dialogue : 15 major Chemical Industry Regions
  - Dialogue with Consumers Associations and Students

# Appendix 6

## Other Voluntary Activities of JCIA



### ❑ Japan Challenge Program as Part of OECD/ICCA HPV Initiative

- Hazard Assessment of High Production Volume Substances (Over 1,000 Tons/Y )
  - 1,265 Substances/OECD (867/ICCA)
  - 53 Substances/Leaded and Co-Leaded by JCIA Members

### ❑ LRI Initiative (Long-range Research Initiative)

- Support various Research of Endocrine, Carcinogenicity, Hypersensitivity, Neurotoxicity etc.

### ❑ GHS (Global Harmonized System)

- Cooperation with Government to revise “Industrial Safety and Health Law,” and to make Classification Norms

### ❑ Capacity Building

- Dispatch Instructors of GHS and Responsible Care to South-East Asia