

# Responsible Care and Product Stewardship in Switzerland



Chemie  
Pharma  
Schweiz

Richard Gamma

SGCI Core Group HSE & Technology

- **SGCI Chemie Pharma Schweiz**
- **RC in Switzerland: the first 20 years!**
- **Product Stewardship: a long tradition!**

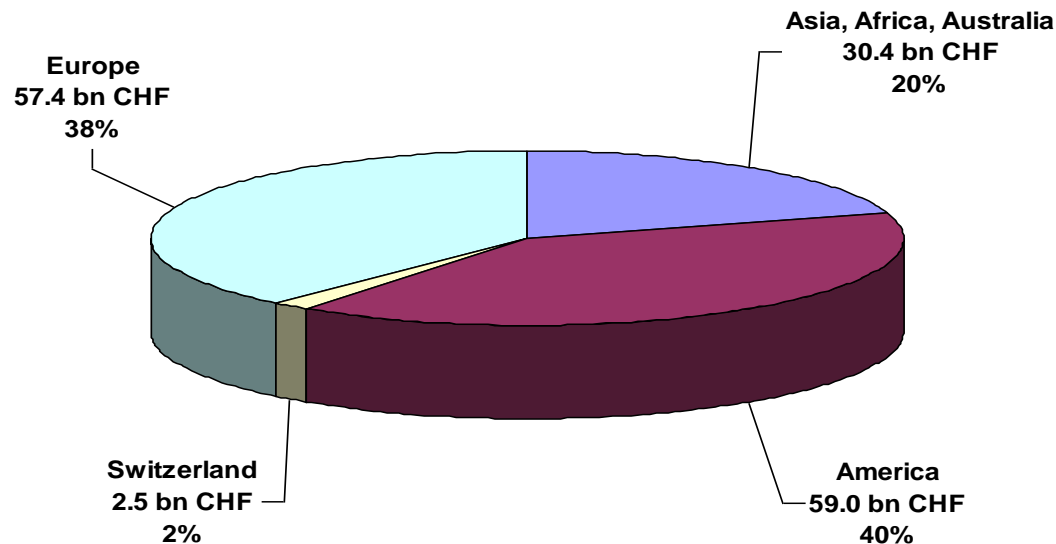
# SGCI Chemie Pharma Schweiz



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## Worldwide sales of "top ten" Swiss chemical and pharmaceutical companies

### Total 2009: 120 bn Euros



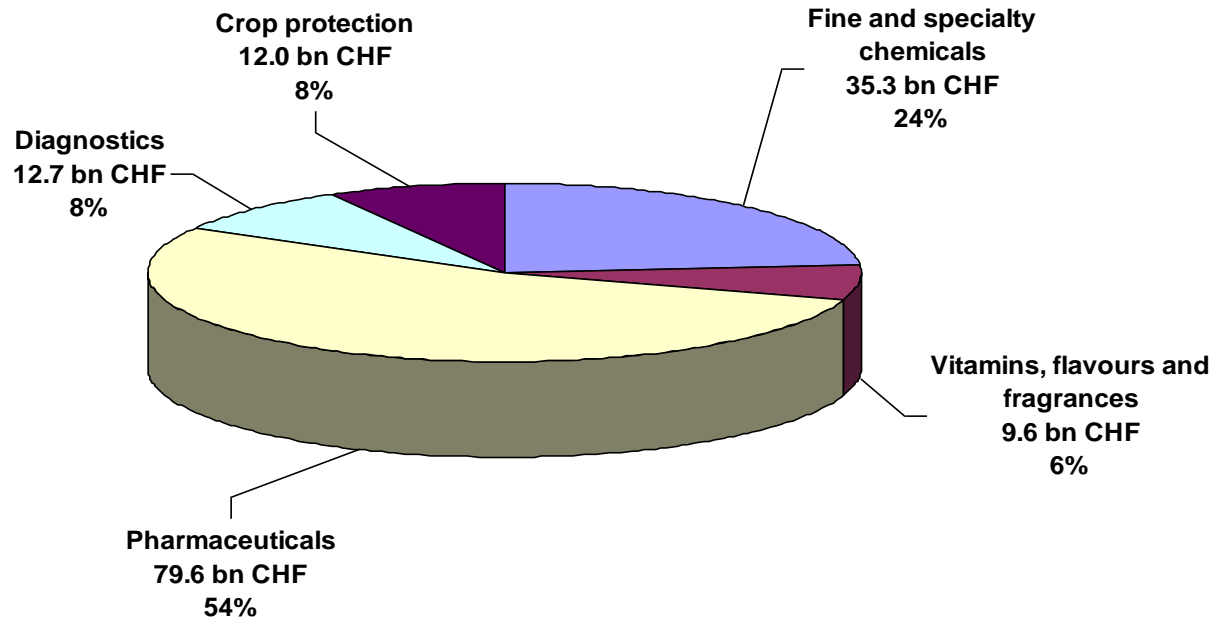
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## Focus on life science and chemical specialties

### Total 2009: 120 bn Euros



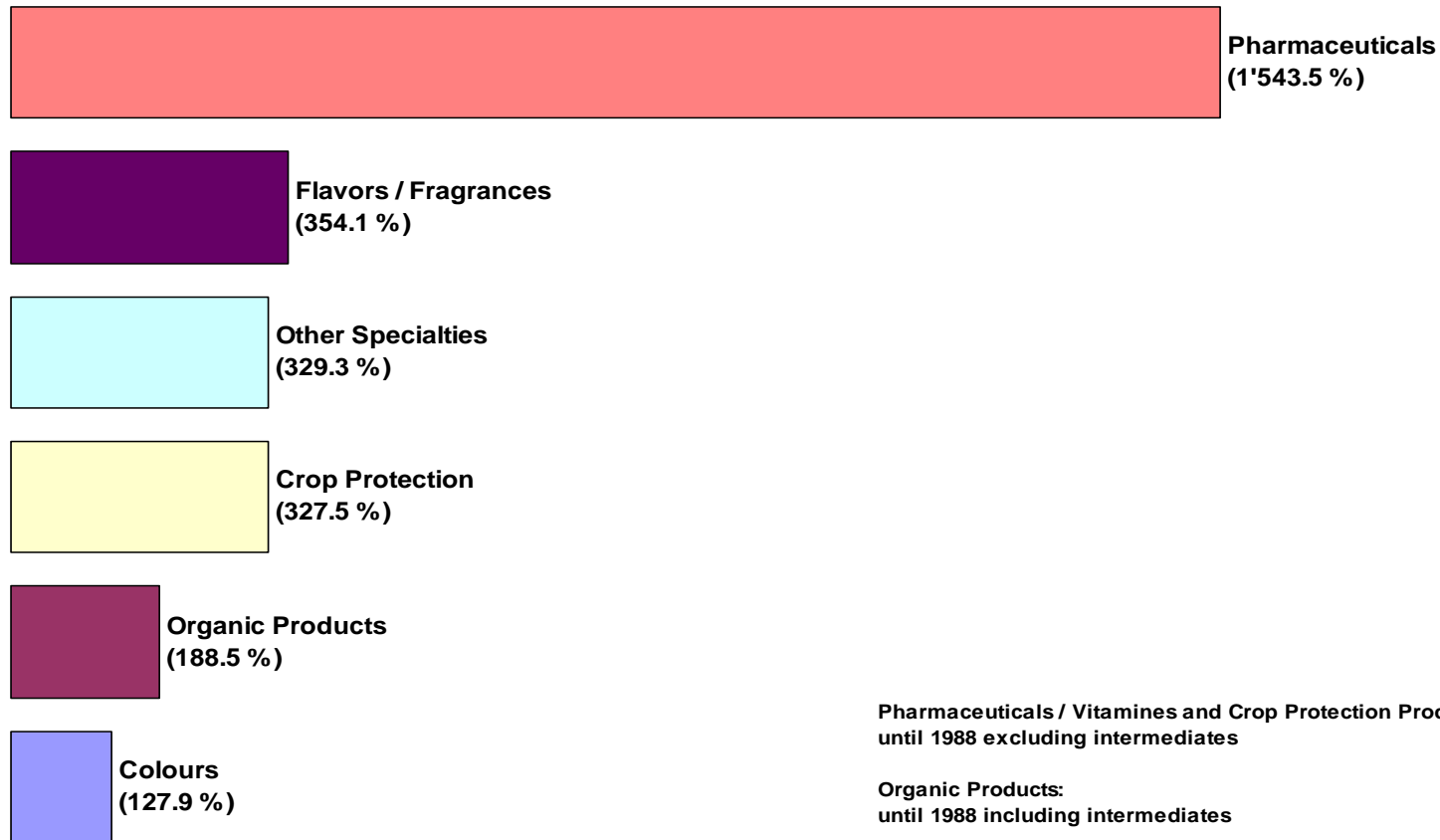
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## Export Growth of Sectors 1980 - 2009

1980 = 100%

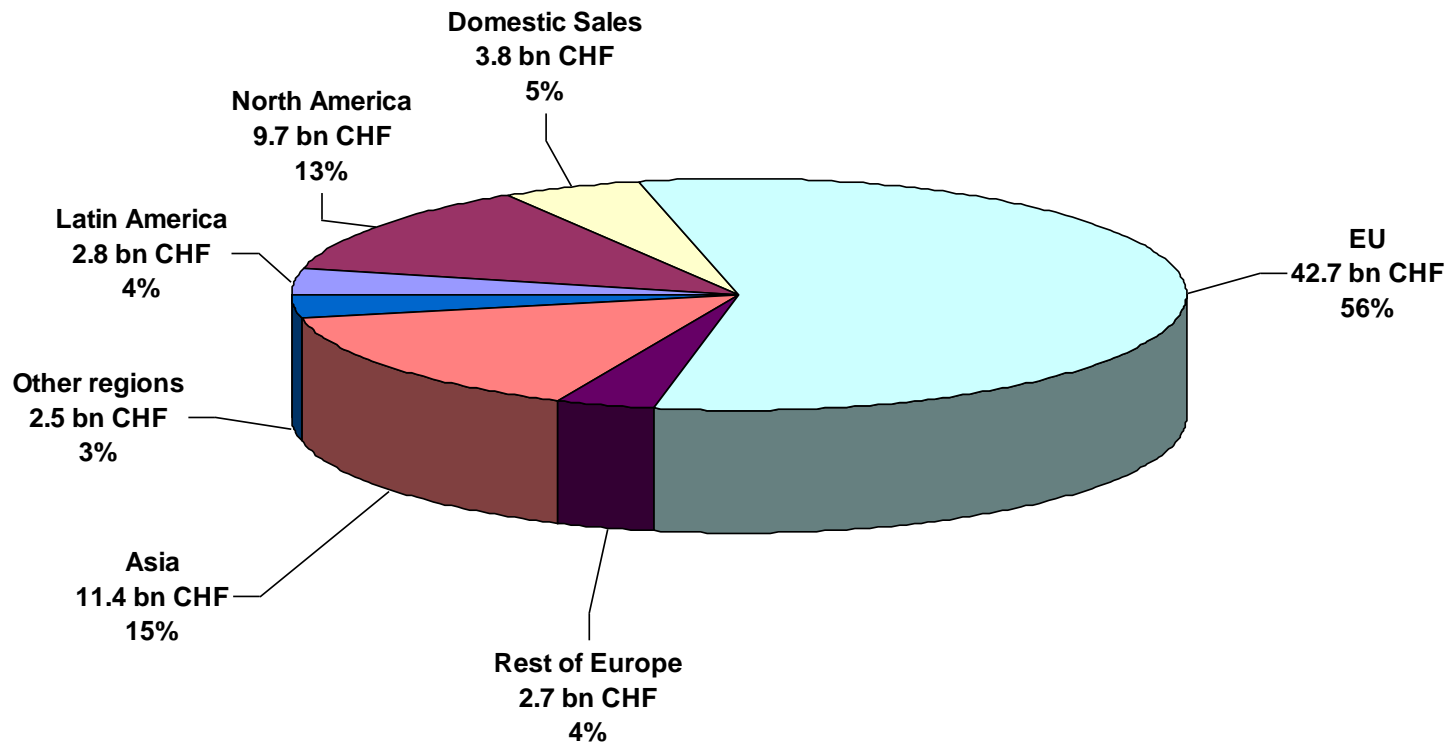


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## Total exports and domestic sales 2009 45 bn Euros



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## Core Group HSE & Technology



**CABB**



**LONZA**



**ROHNER**



## Sponsor of today's Dinner in a guildhouse

# Responsible Care in Switzerland



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**Dec. 1991** **Approval of the RC Principles**  
**= 7 HSE Principles, still valid**

**1992/93**  
**- RC Key figures**  
**- Checklist for self-evaluation**

**1994** **First year of data collection**

**1995 ...**  
**- Directions for implementation**  
**- Best practices in laboratory**

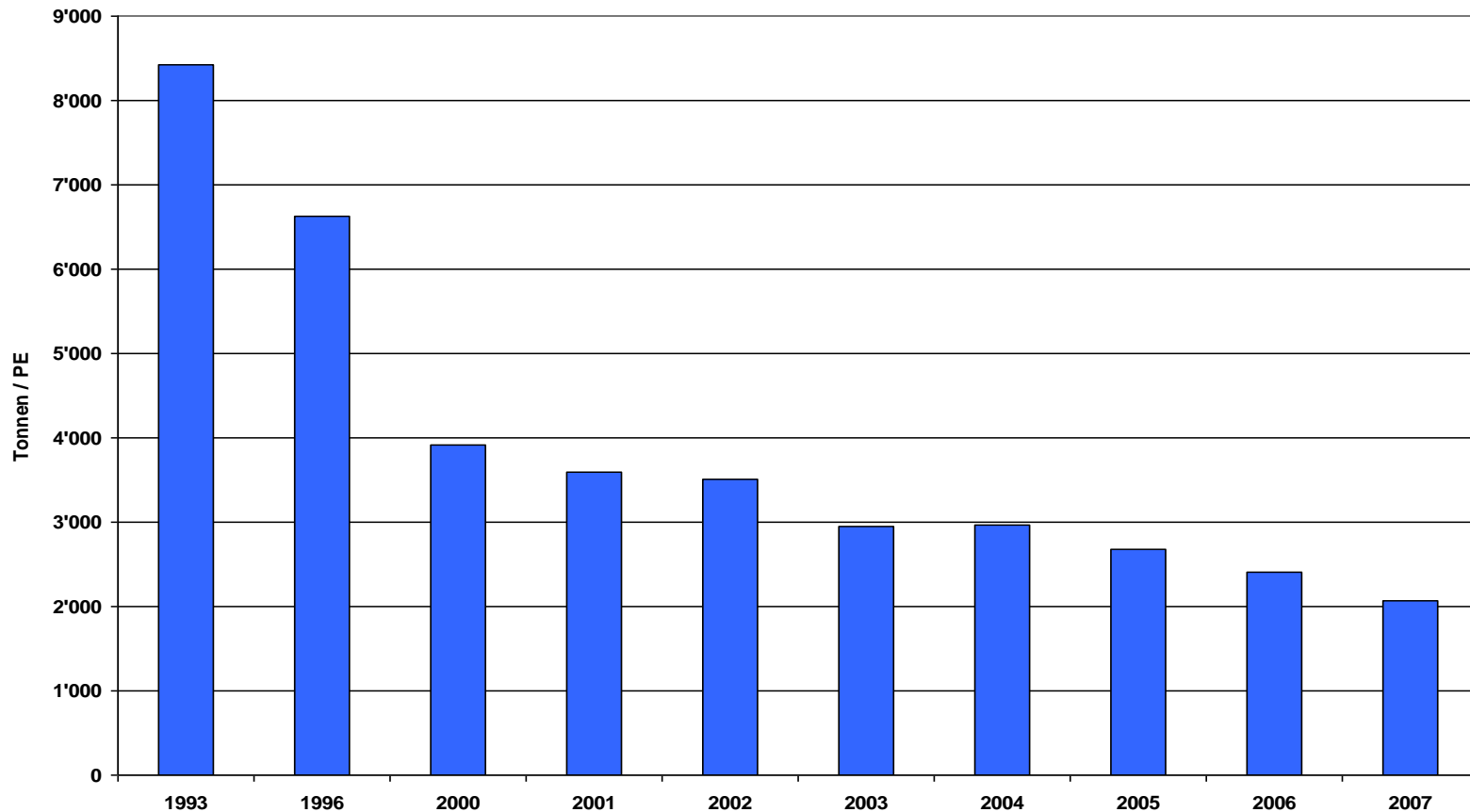
**→ Implementation / Realisation**

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## CO<sub>2</sub> emissions in tons per production unit



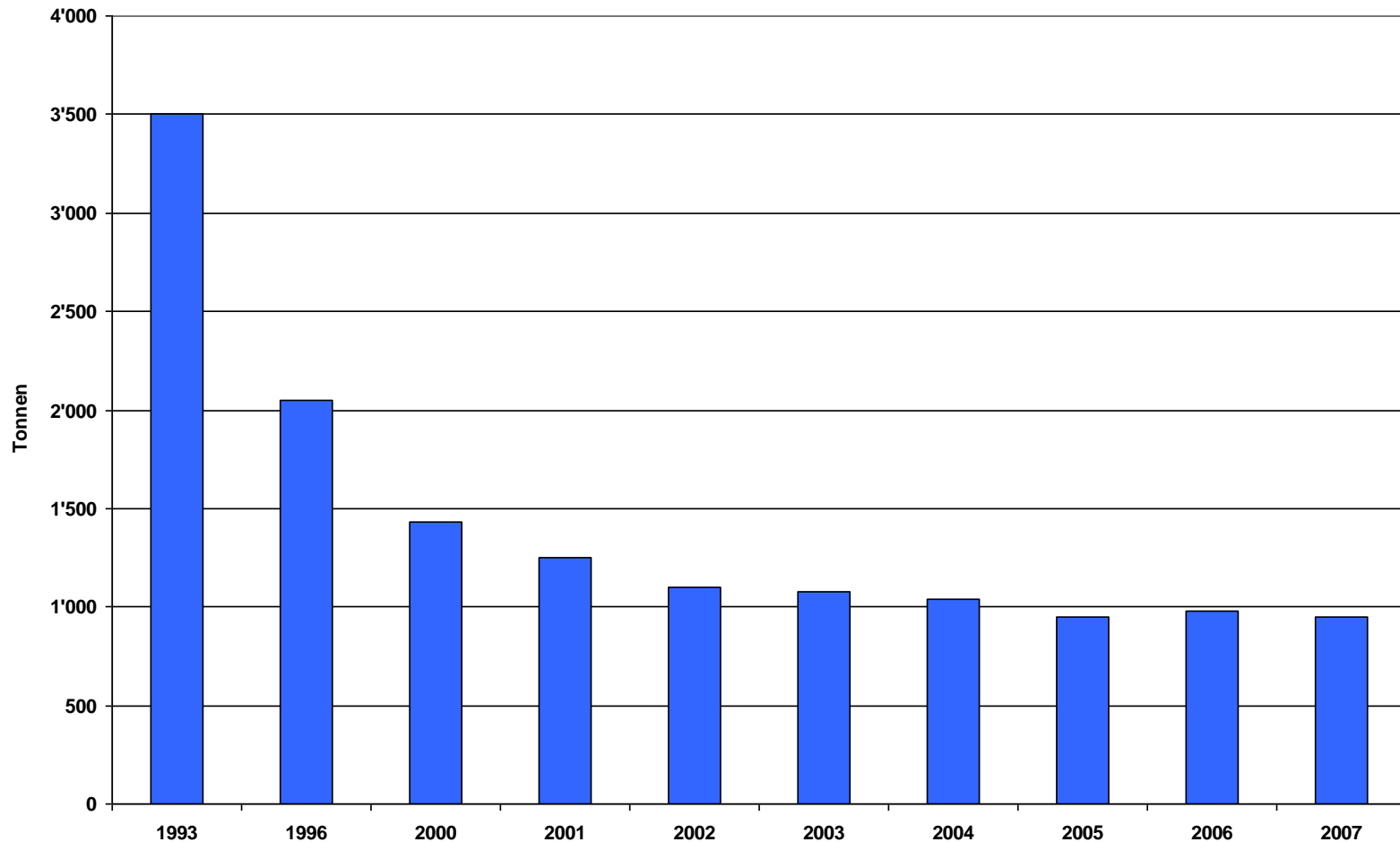


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## VOC emissions



# RC implemented: Examples



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- 1999** Publication of the Federal Office for the Environment “Sustainable Production”
- 2002** Transport of Dangerous Goods (Chlorine) “Joint Declaration” between the Federal Dept. of Transport+Environment, the Swiss Railways and SGCI Chemie Pharma Schweiz
- 2003** Reduction of CO<sub>2</sub> on a voluntary basis “Energie Plattform Chemie” – 25 companies with 2/3 of the total energy consumption

# Product Stewardship

**OECD HPVC Program: 1 substance/year**

## **PIC-Convention**

**1994 SGCI Code of Practice (binding for members)**

**1998 PIC Ordinance (same wording)**

## **Synthetic Nanomaterials**

- Precautionary Matrix for Synthetic Nanomaterials**
- Guidelines for SDS, waste, declaration, etc.**

## **Contribution to SAICM through ICCA**



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**Thank you for your attention!**

**For further information please contact**  
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