

# Extended Producer Responsibility (EPR)

(Second National Workshop, Winnipeg)

## Switzerland Electronics Takeback

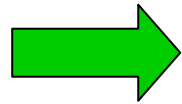
**Hotel Fort Garry  
Winnipeg, Manitoba  
March 6-8, 2002**

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# History / Description of the program

< 1990 Individual systems (producers)  
1991 Refrigerators



1994 SWICO Recycling Guarantee (grey)

1998 ORDEA ordinance

1999 Cellular phones

2000 Graphical industry

2001 Telephone equipment

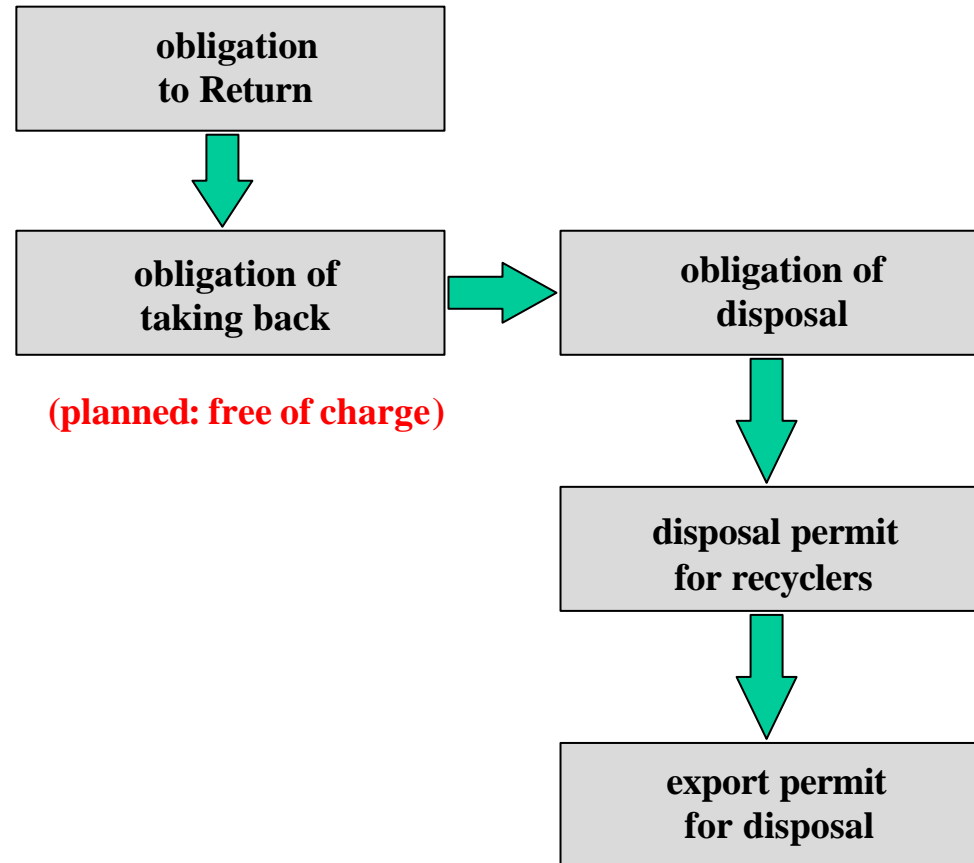
2002 Consumer electronics (brown)

2003 Household appliances (white)

# Ordinance on the Return, the Taking back and the Disposal of Electrical and Electronic Appliances (ORDEA), 1-7-1998

## Purpose:

- > do not reach municipal refuse
- > dispose of in an environmentally tolerable way



# Swiss Legislation compared to WEEE / ROHS

## Switzerland

obligation  
to return

obligation of  
taking back

obligation of  
disposal

disposal permit

export permit  
for disposal

Consumers

Retailers/  
Producers

Producers/  
third parties

Treatment  
Operations

Exporter

## EU

encouraged  
to return

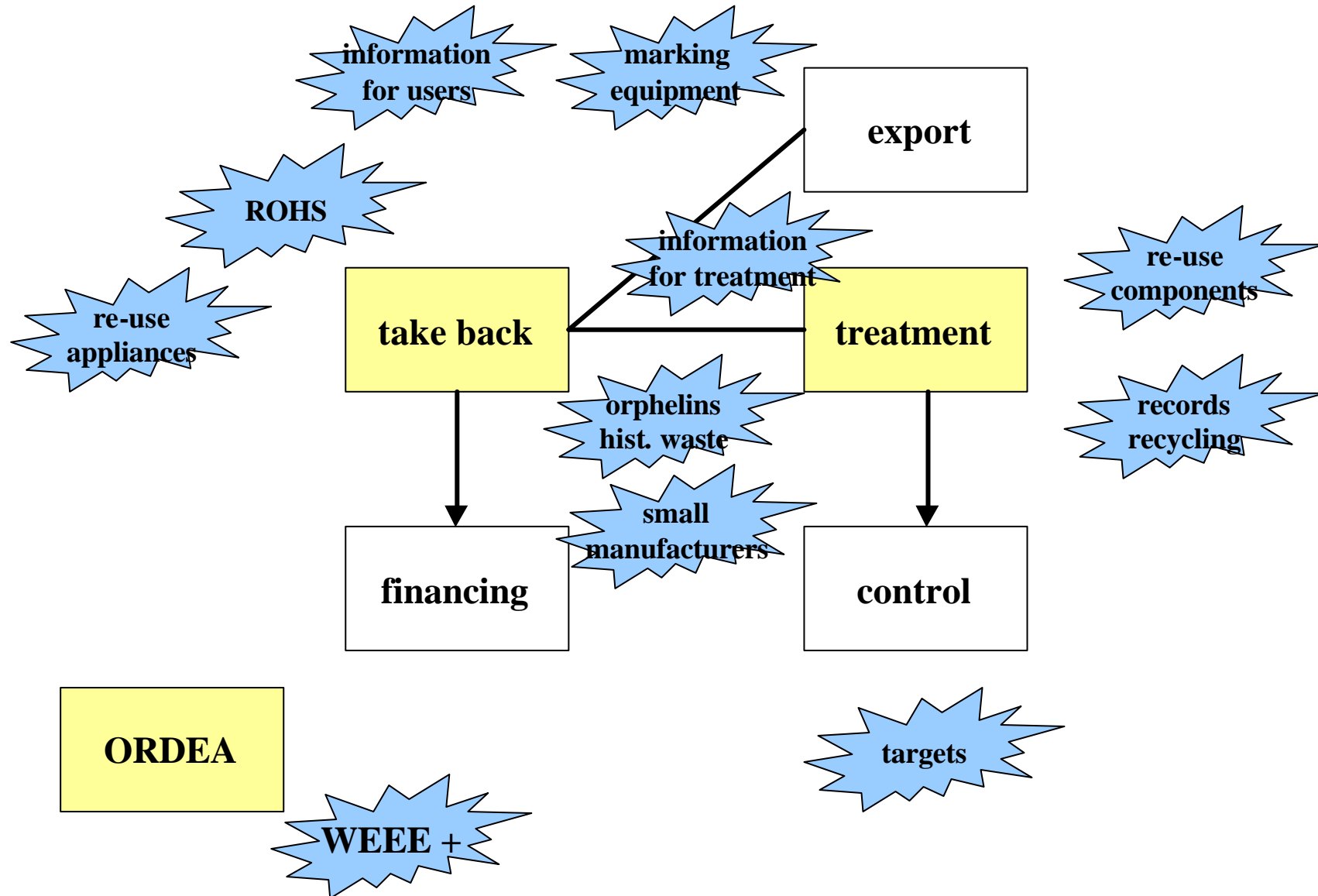
one to one free  
of charge (private)

set up systems  
to provide treatment

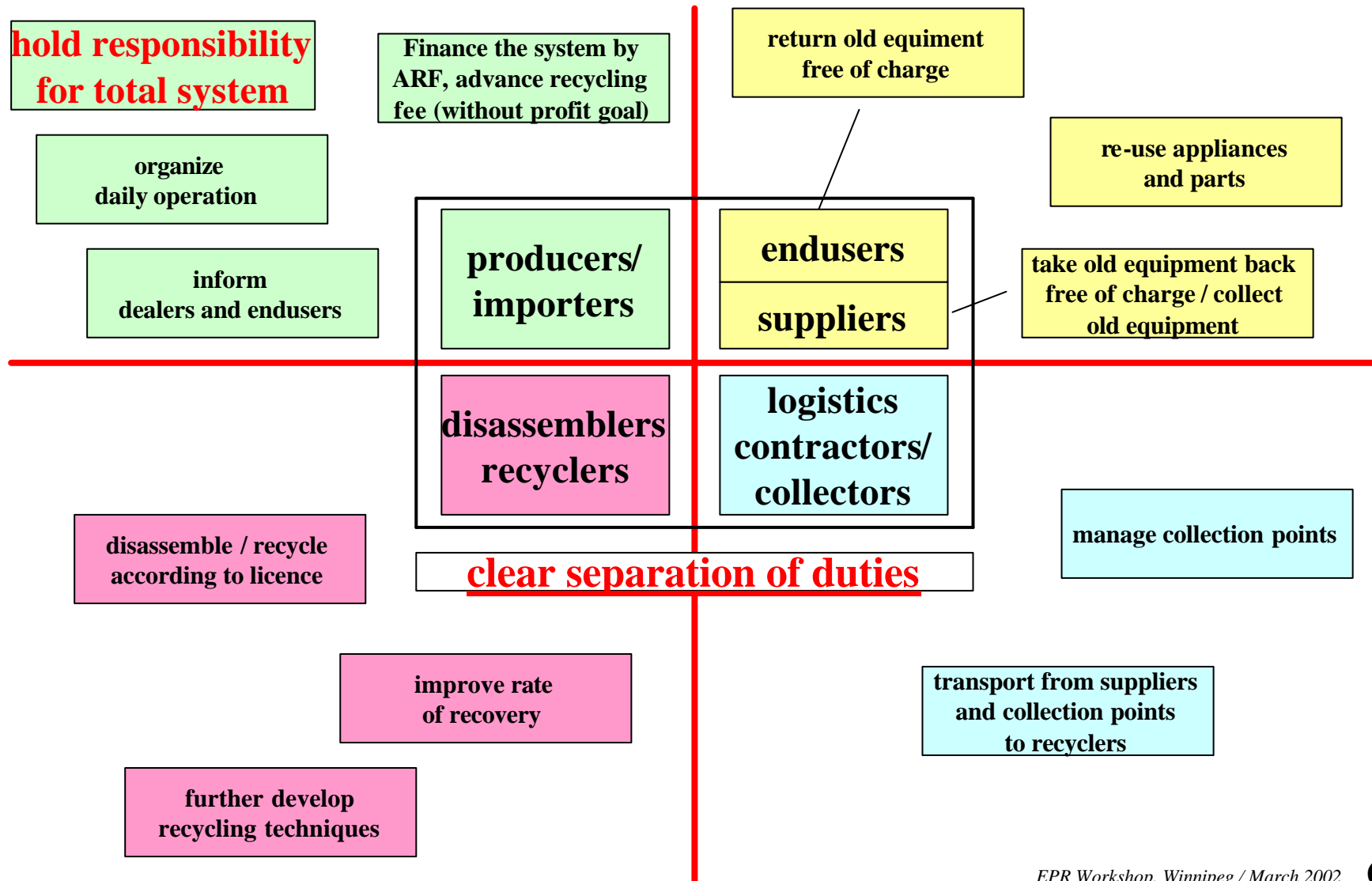
disposal permit



# Producer Responsibility



# Shared Responsibilities



# Introducing **SWICO**

Swiss Association for Information, Communication and Organisation Technology ([www.swico.ch](http://www.swico.ch))

## Six fields of competency:

- Information technology and tele-communications
- Organisational technology, office equipment
- Office technology
- Consumer electronics
- Software and services
- Suppliers for the graphics industry

> 400 members  
> 46'000 employees  
> US\$ 15 billion revenue

## Examples of provided services to members:

- Communication platform for the ICT-industry
- Co-partner for trade fair „Orbit/Comdex Europe“
- Training/Education programs
- Legal support
- Safety and security programs
- Complete sets of ICT-contracts
- **SWICO Recycling Guarantee**
- etc.

# Concept SWICO Recycling Guarantee

*(voluntary system)*

**SWICO environmental  
convention signed by  
producer/importer  
(producer responsibility)**

**nationwide  
acceptance concept**

**control of recycling  
and disposal**

**secured financing**

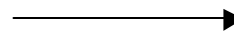


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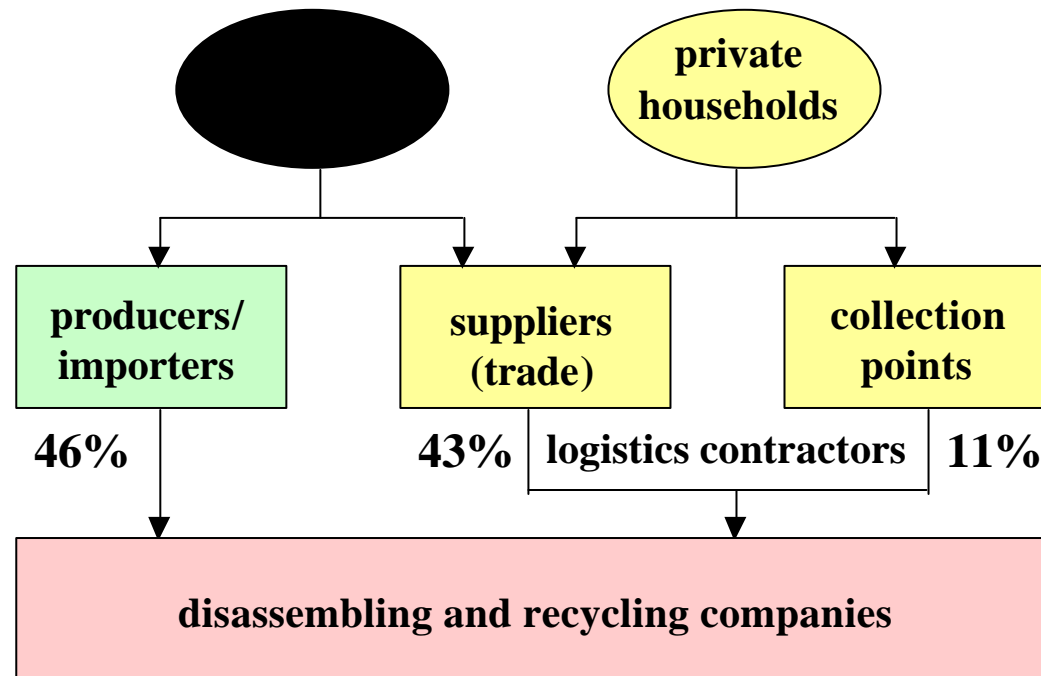
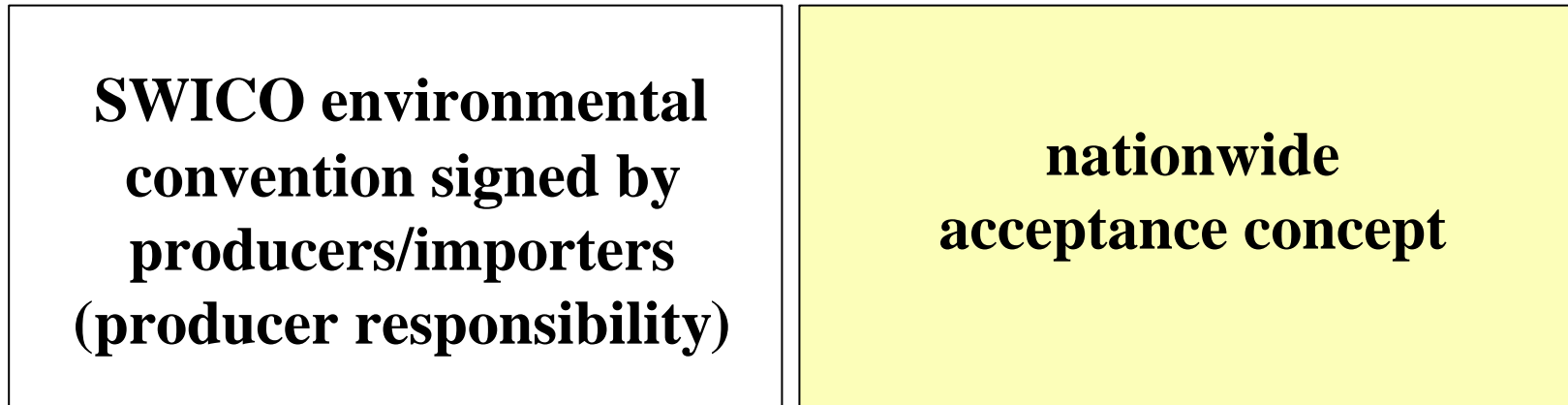
- **Advance Recycling Fee (ARF)**
- **Take back free of charge**
- **> 200 signers**
- **Environmental Commission**



**Agfa  
Canon  
Compaq  
Excom  
HP  
IBM  
Motorola  
Philips  
Sun  
Xerox**

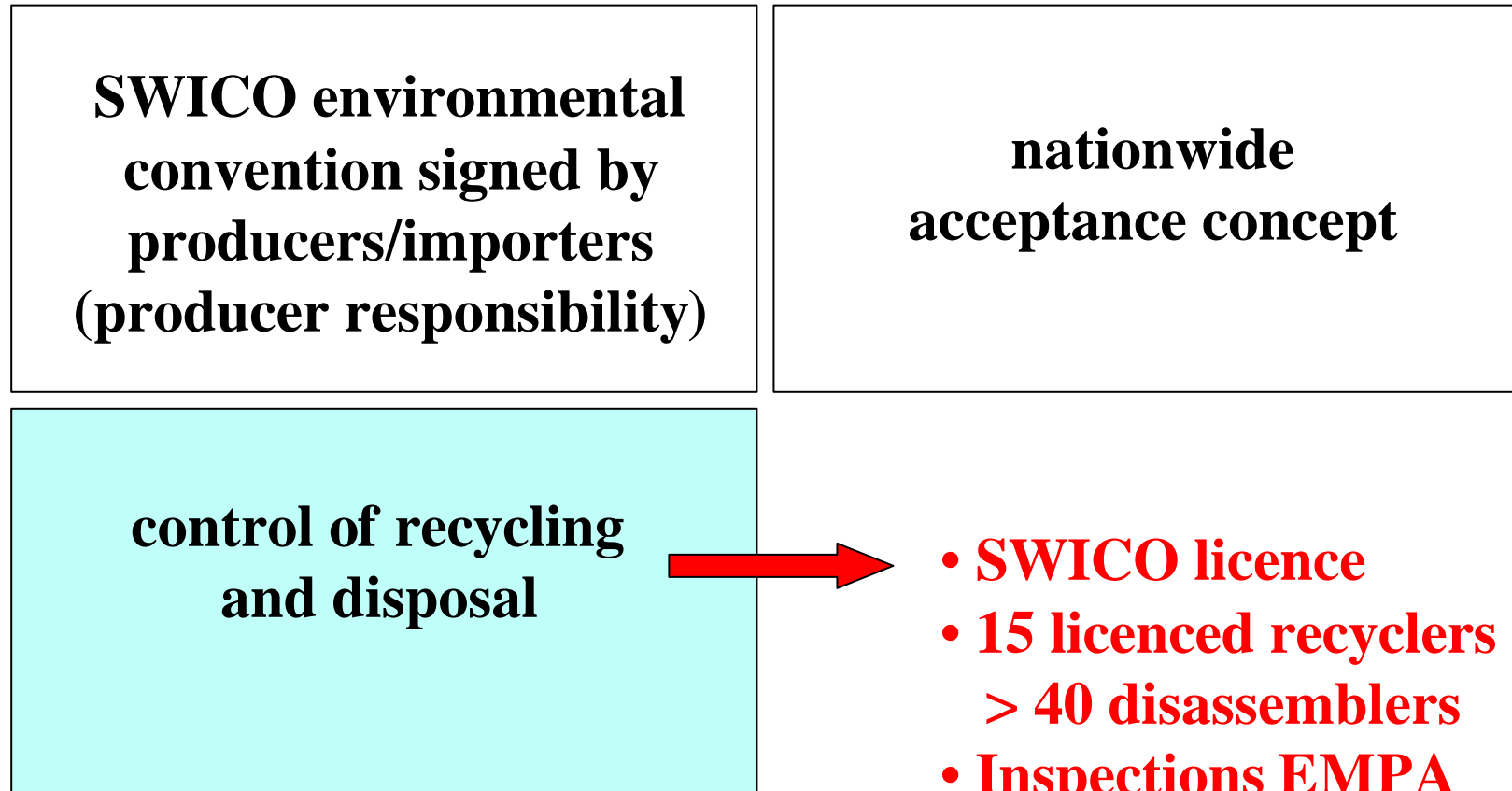
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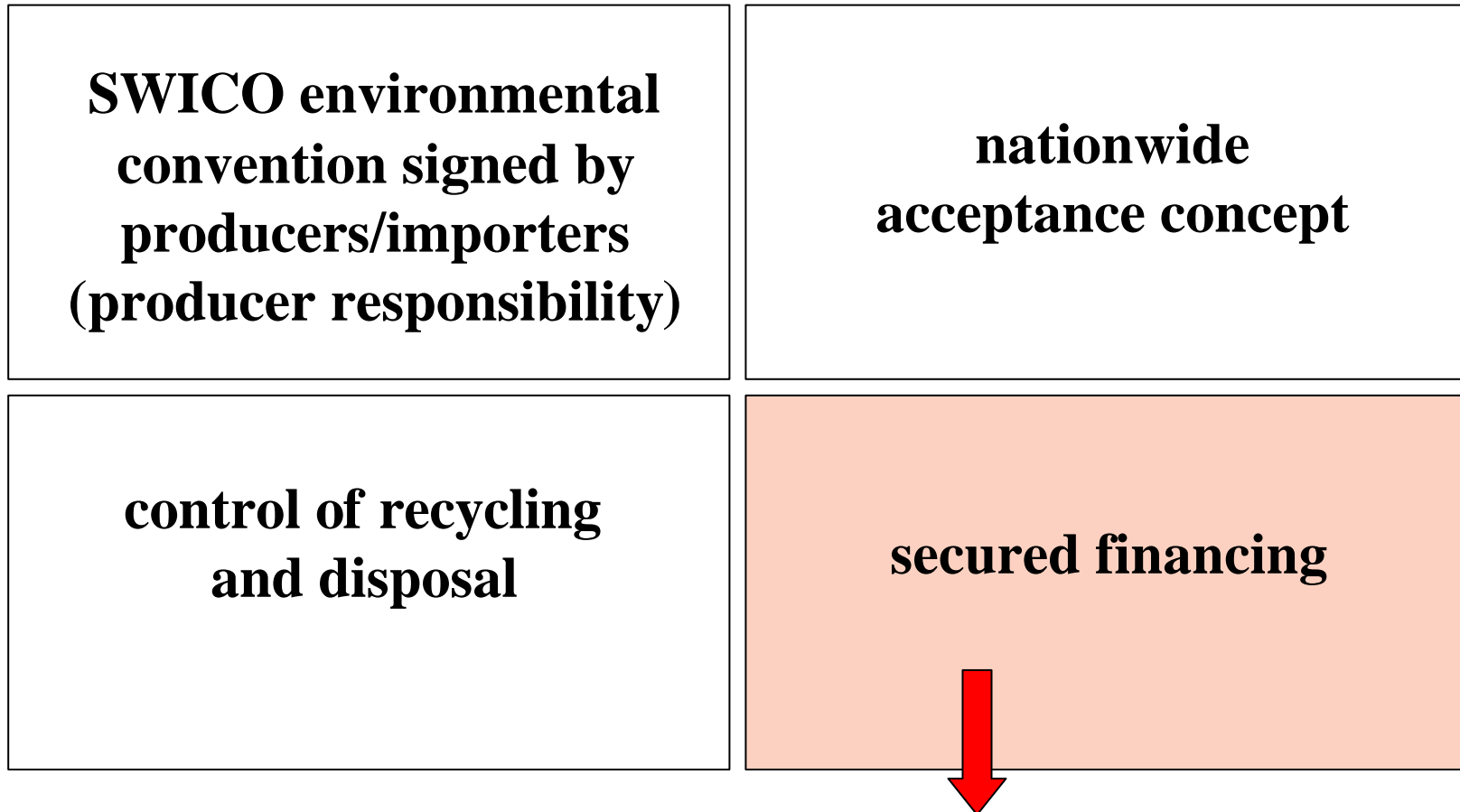
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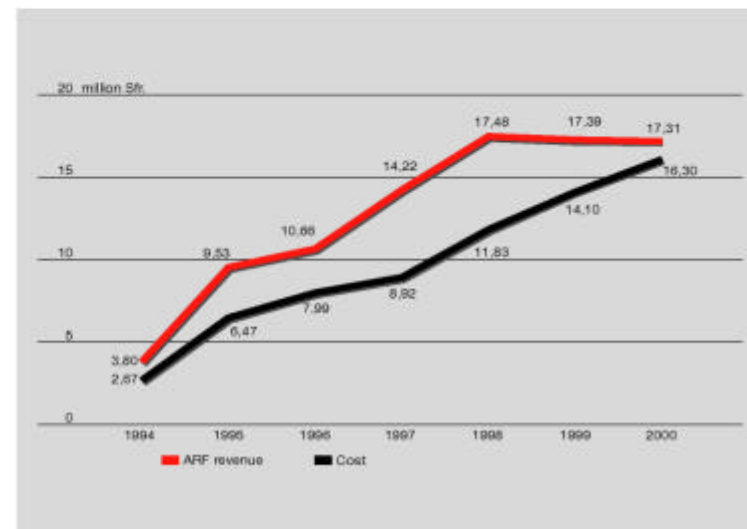
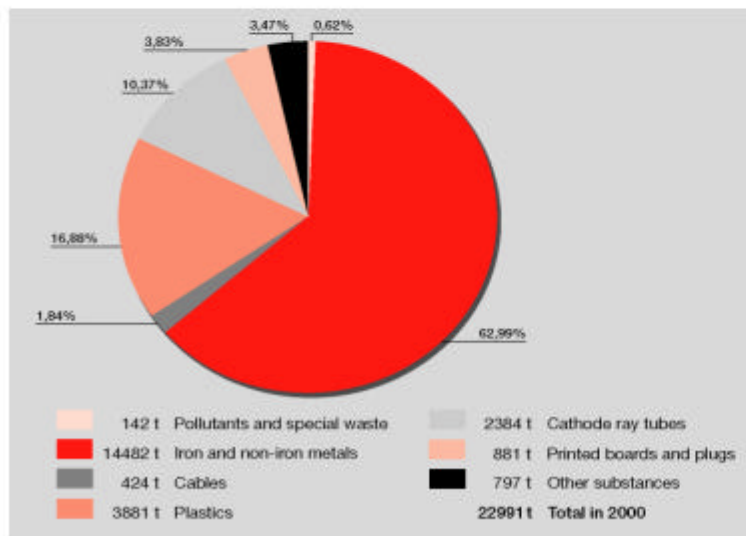
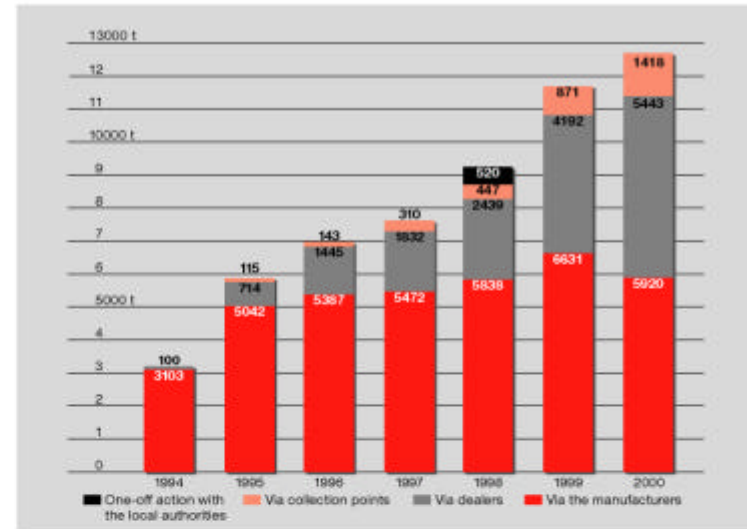
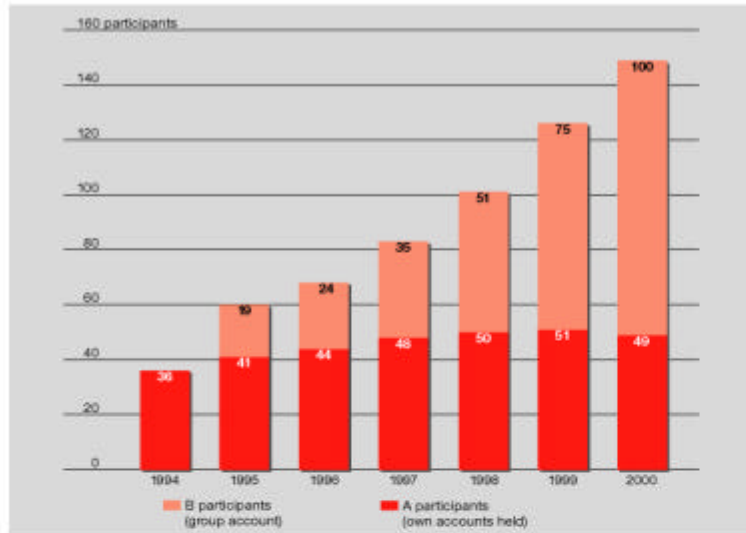
# Concept SWICO Recycling Guarantee

*(voluntary system)*



- **Advance fees on new sales**
- **By product, price range, weight, %, .....**
- **Bookkeeping**

# Results



# Conclusions, lessons learned

<b>old</b>	behaviour of people / administrative systems	<b>new</b>
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<b>partici- pation</b>	•Collection •Transport •Disassembling •Recycling	<b>respon- sibility</b>
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- **Step by step approach**
- **to late**
- **trade involvement**
- **collectors mentality**

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- **producer involvement**
- **collection system**
- **licencing/control**
- **ARF**
- **efficient legislation**