

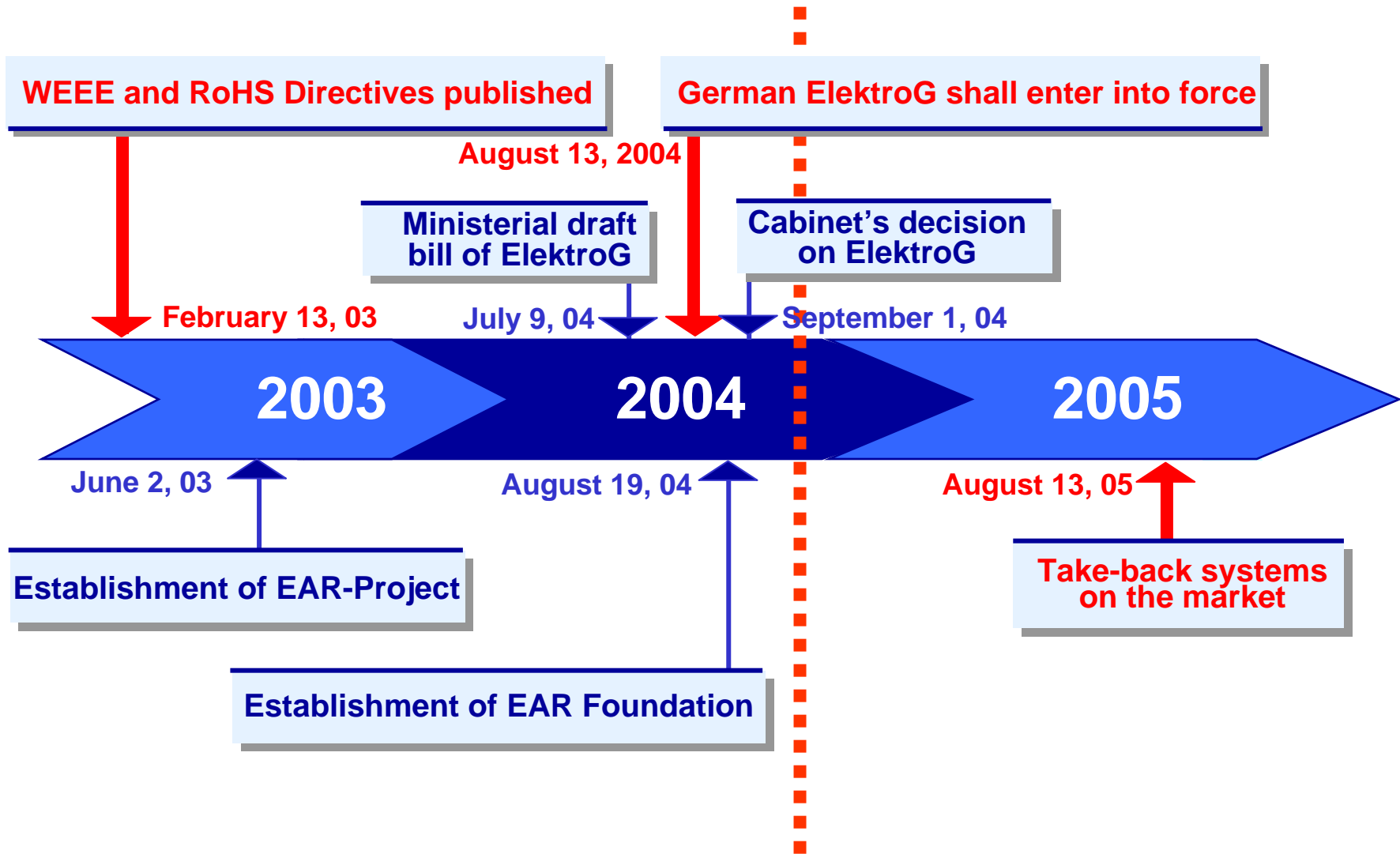
# Elektro-Altgeräte Register EAR<sup>®</sup>

## The EAR<sup>®</sup>-Project

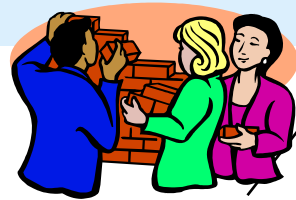
- **Basic principles**
- **Functional approach**
- **Organisation**
- **Proceedings/Contractual relations**
- **Next steps**

**October 15, 2004**

# Timeline is defined.....



# Currently acting parties



collects  
provides "baskets"  
contracts recycler  
**PAYS**

**Municipality**

assigns

picks up

**Recycler**

reuses  
recycles  
disposes

# Parties affected by WEEE-Directive

➤ **Obligated Companies, i.e. „Producer“**

**new**

➤ **Recyclers, contracted by „Producers“**

**new**

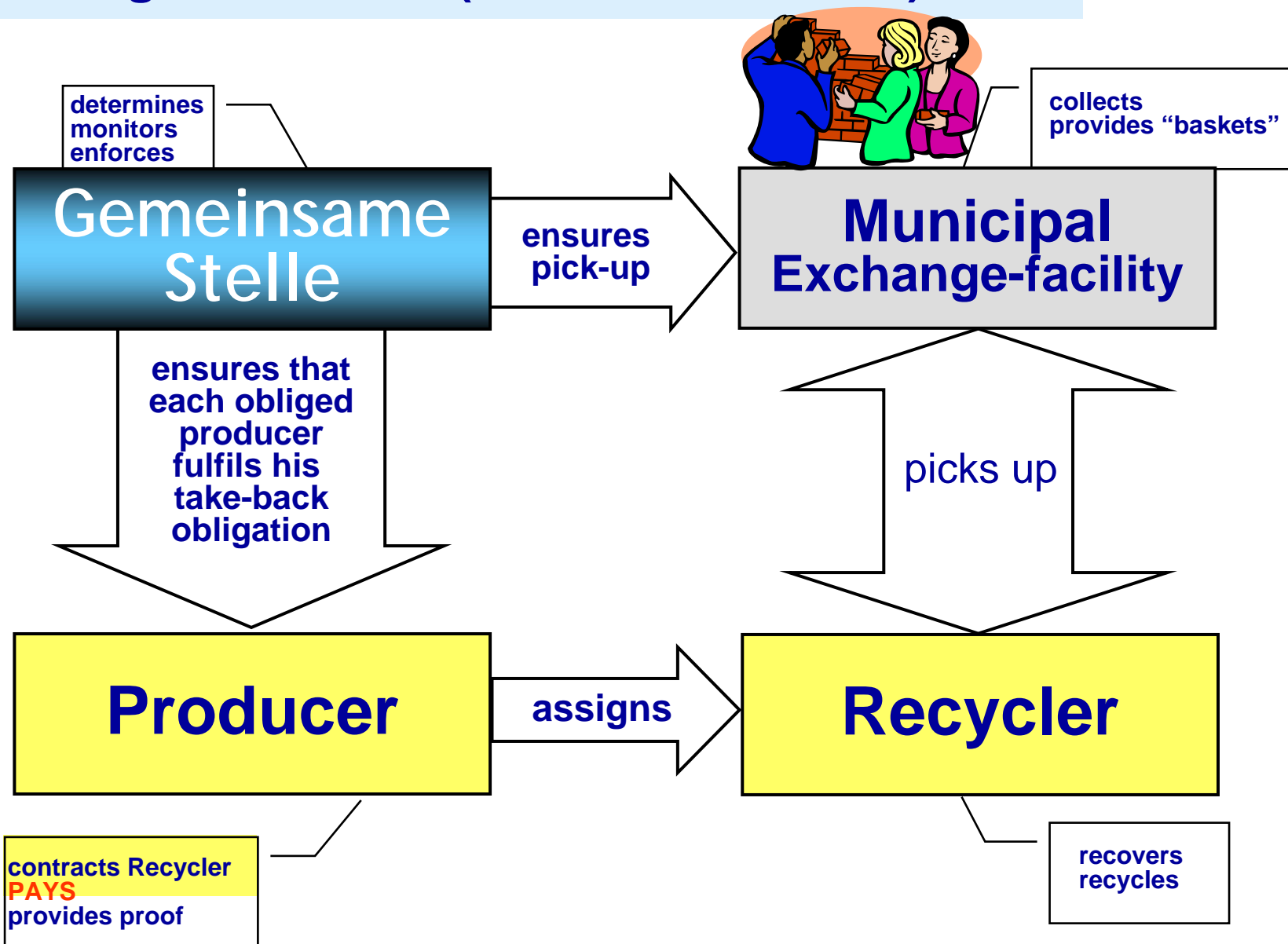
➤ **Municipal exchange-facilities**

➤ **National Register**

**new**

➤ **Users (mainly from private households)**

# Future Situation of the parties involved according to ElektroG (cabinet's decision)



# The Project

**German E&E-Industry installed EAR-Project to develop and set up the necessary organisation acc.**

**EU-Directive 2002/96/EC\*  
and  
German Act on  
Electrical and Electronic Equipment (ElektroG)**

**The transposition must ensure and promote fair competition.**

**\* subject matter: “producers” of E&E-Equipment are obliged to finance and ensure the appropriate and proper disposal of WEEE from private households at the end of their usage.**

# New approach of the E&E-Industry

## Principle of the approach

**As much individual solutions as possible -  
not more common elements than necessary**

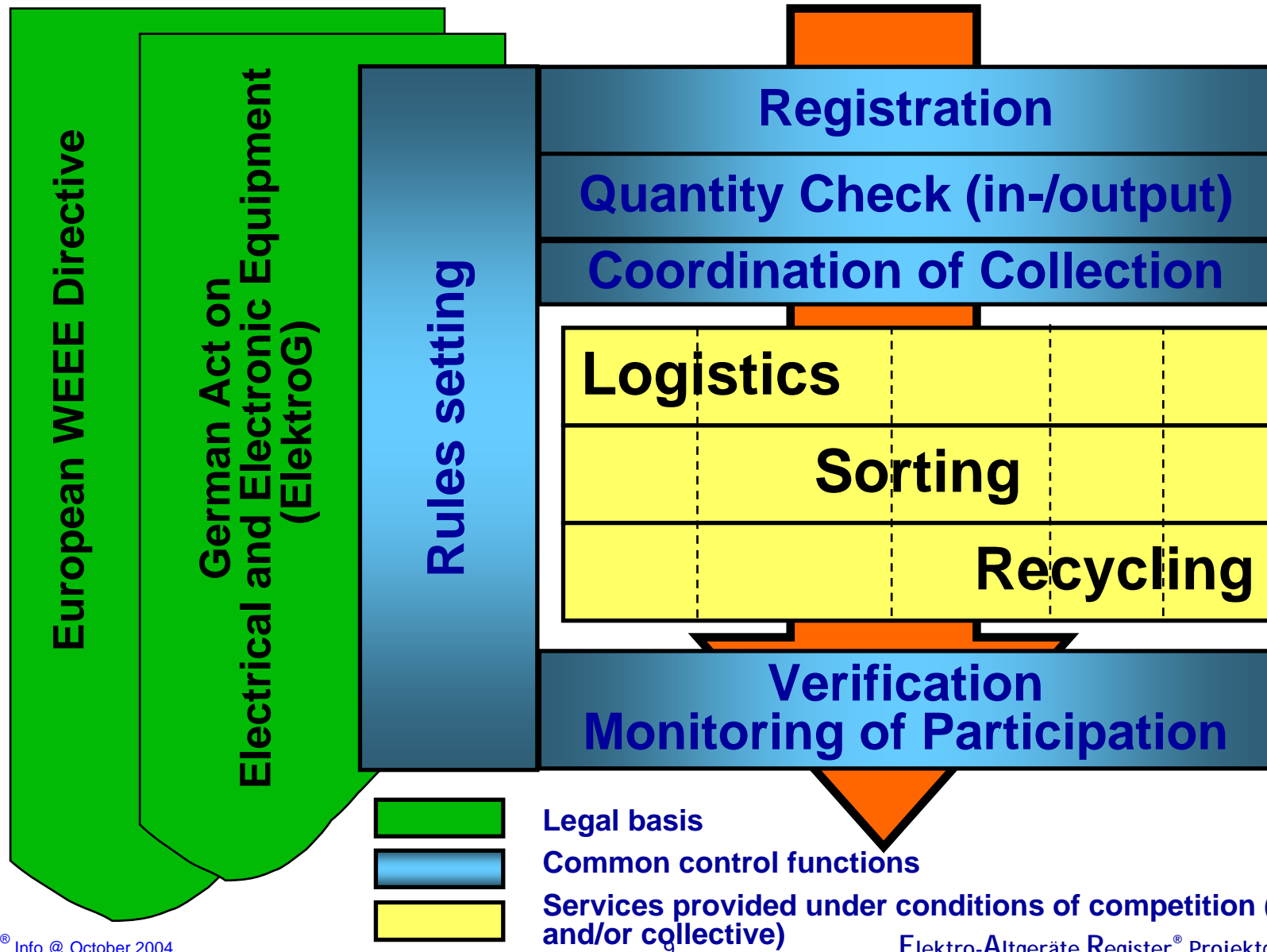
**Objective of the industries' approach is to ensure competition  
with respect to WEEE by**

**efficient prosecution and prohibition  
of “free-riders” and „cherry-picking“**

# Mission of the „Gemeinsame Stelle“

- Based on governmental authorization and according to the German Act on “Electrical and Electronic Equipment” (ElektroG) the sole „Gemeinsame Stelle“ (=EAR) has to ensure the objective that **all** producers / importers have to fulfil their legal obligations.
- The „Gemeinsame Stelle“ (=EAR) will **determine** the individual obligation of every single producer / importer. It will also **observe** the fulfilment of these obligations and **enforce** them if necessary. Based on the German Act on “Electrical and Electronic Equipment” (ElektroG) the “Gemeinsame Stelle” is responsible for development of the rules and regulations needed.

# Basic Principles and Functions of EAR



# Registration scheme



**Producer**

**Elektro-Altgeräte Register**

Basisdaten - 1 - 2 - 3 - ...

Herstellerstammdaten    Produkte

Firmenname:

Adresse:

Elektronenzeichen:

E-Mail:

Geschäftsjahr:

Abbruch    Speichern

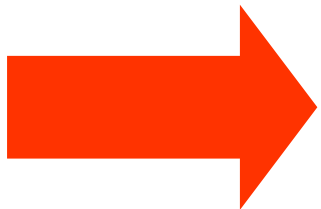
Ansprechpartner:  
 Elektro-Altgeräte Register  
 Muster-Straße 99, D-00000 Musterstadt  
 Fax: +49(0)3000000000000 Fax: 01  
<mailto:info@ear.de>

**Internet based data processing  
system at EAR site**

# Contents of the Registration

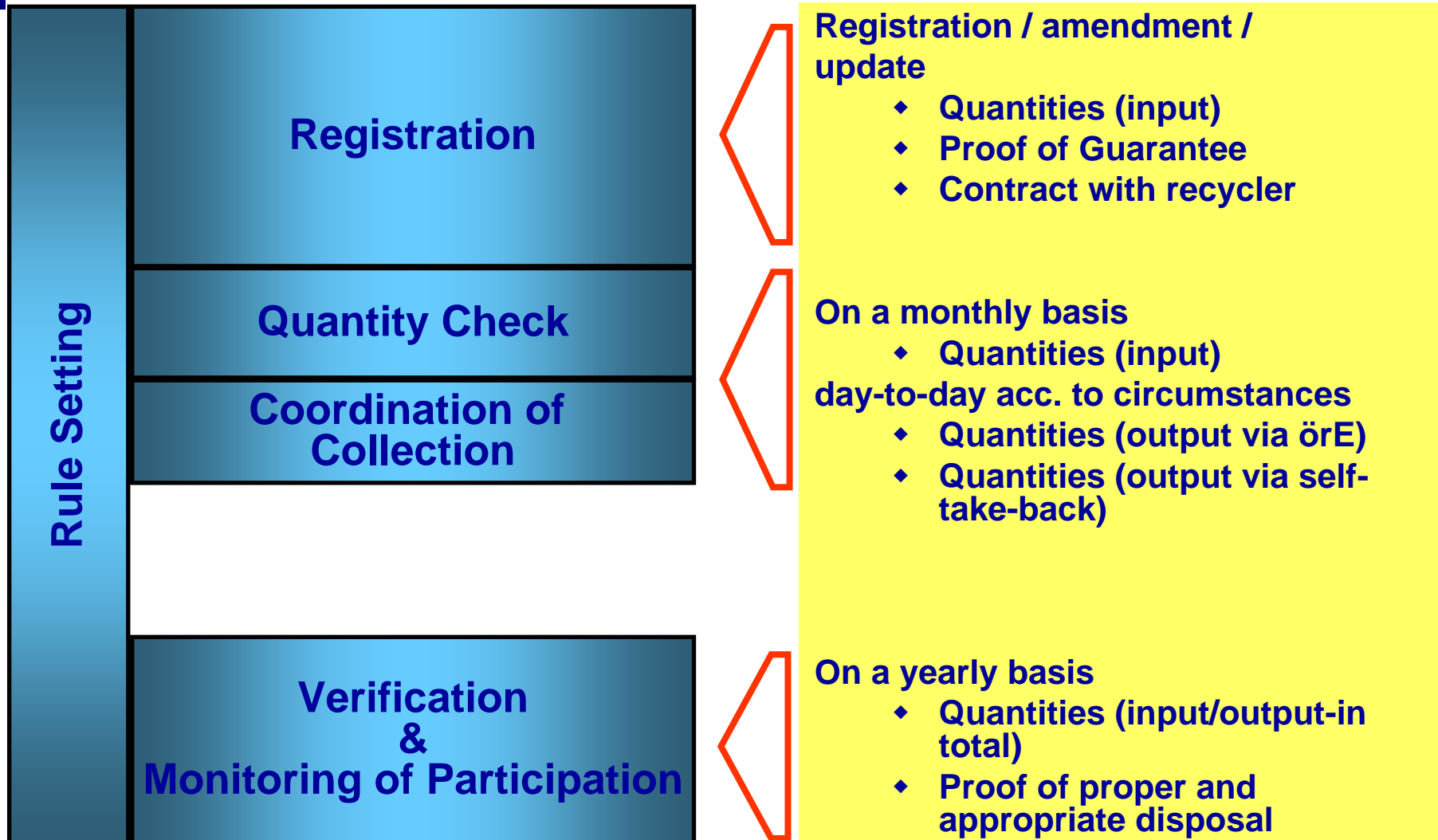
**Producer** reports (if so: for each brand) for each  
**Product-category** (if so: for each type of equipment)

- **Quantities** ['tons' or 'per item'] of products placed on the market ['input']
- provides a **Guarantee**
- provides **proof of appropriate and proper disposal** of WEEE, (i.e. contract with recycler)

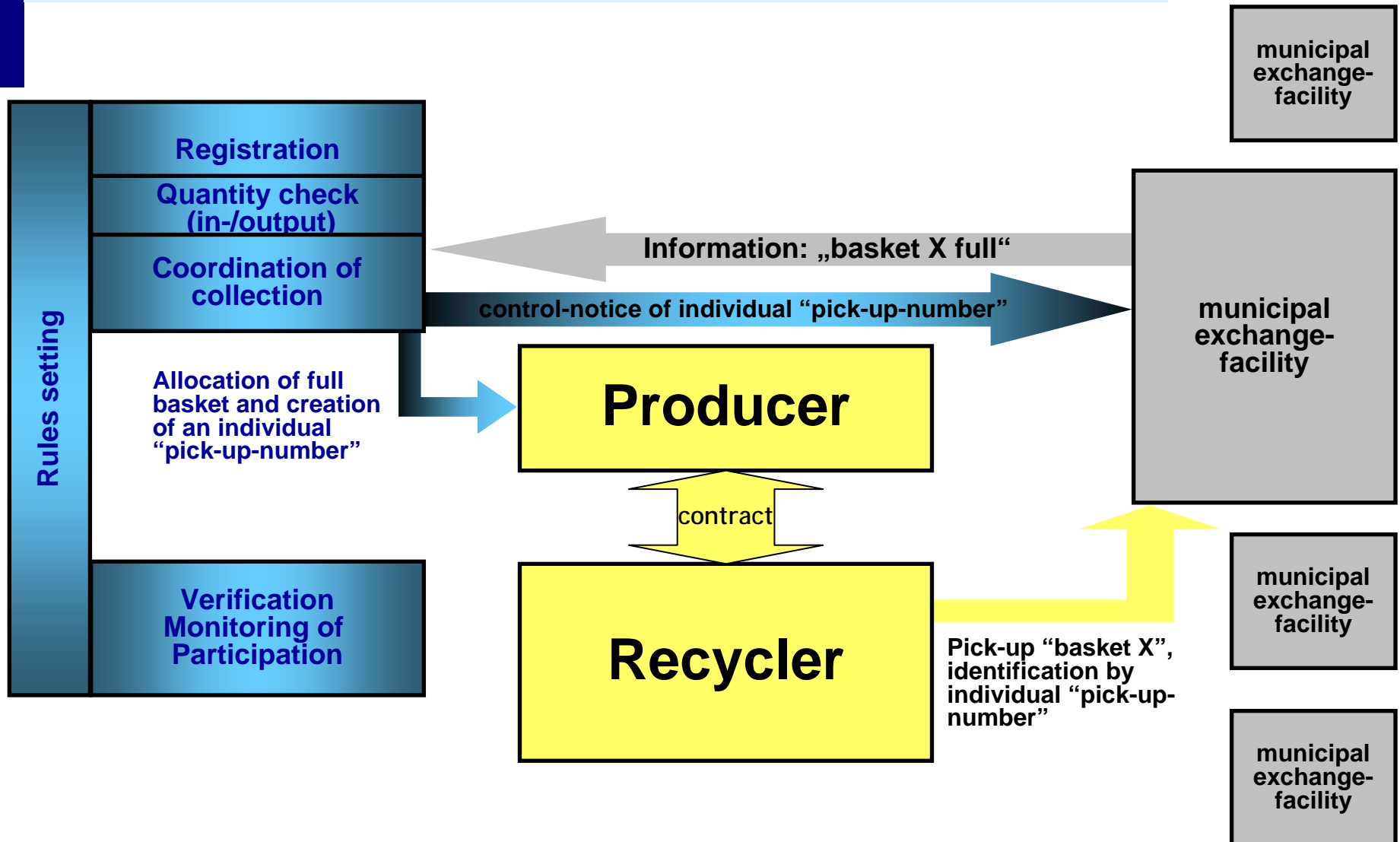


**Registration depends on positive review**

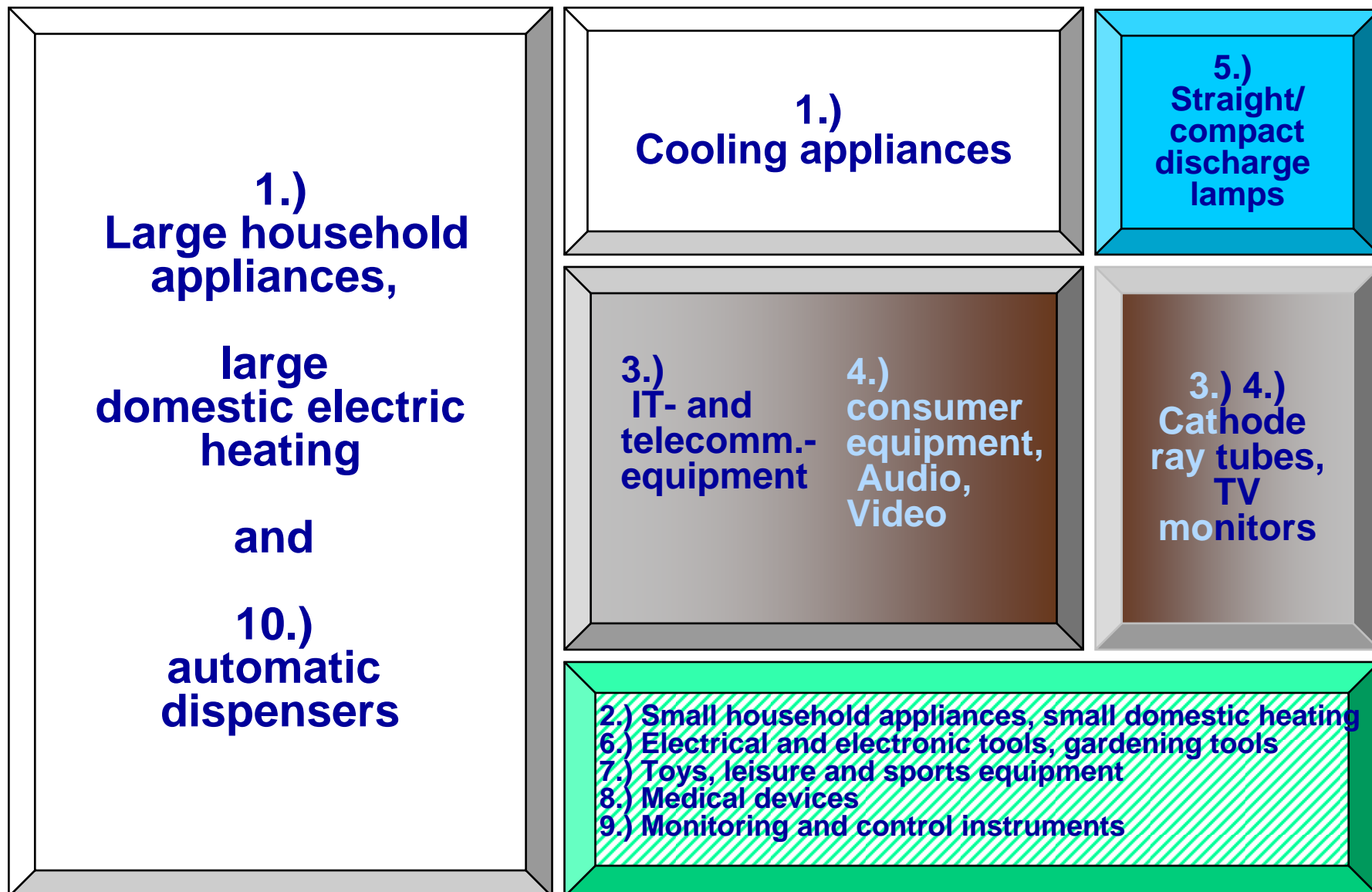
# Producer's reporting-obligations



# Information flow for Coordination of Collection



# Six „baskets“ kept ready by the municipalities (cabinet's decision)



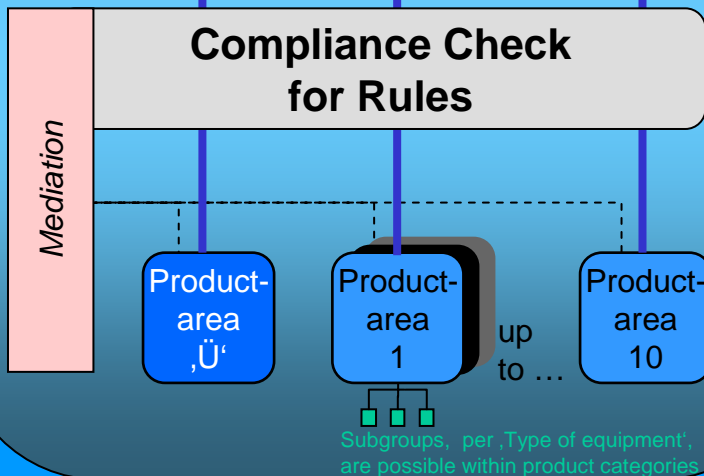
# Organisation of the „Gemeinsame Stelle“

## Elektro-Altgeräte Register EAR<sup>®</sup>

Supervising authority

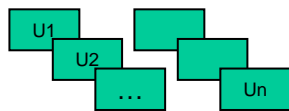
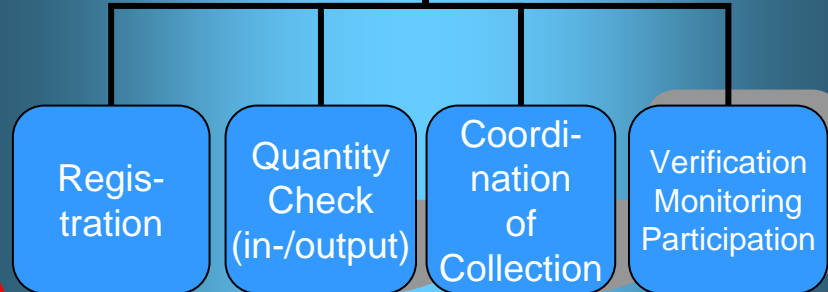
### Section: Rules setting

### Section: Supervision and Control



### Management

Gov. authorized Part \*)

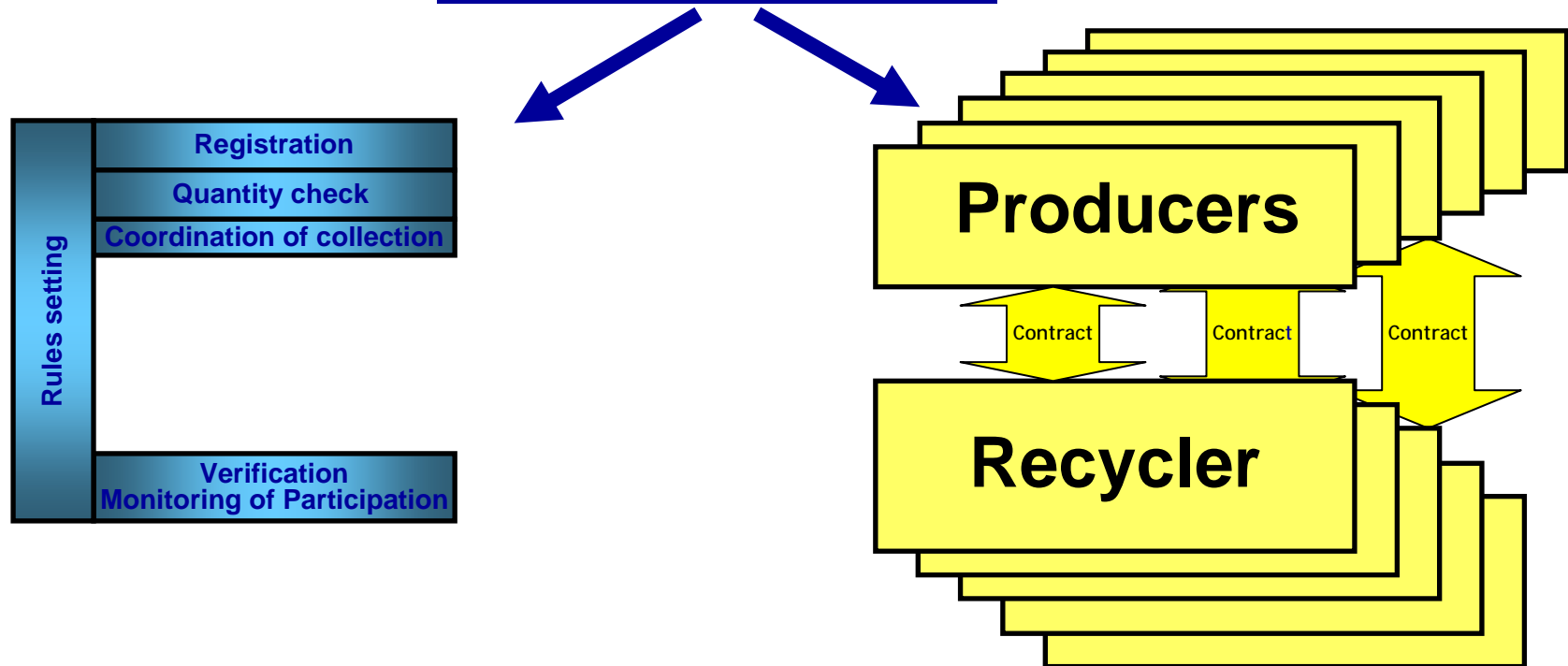


all registered producers have access to rule setting

**\*) binding administrative acts can be issued and enforced in relation to every obligated party**

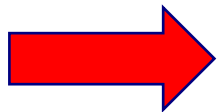
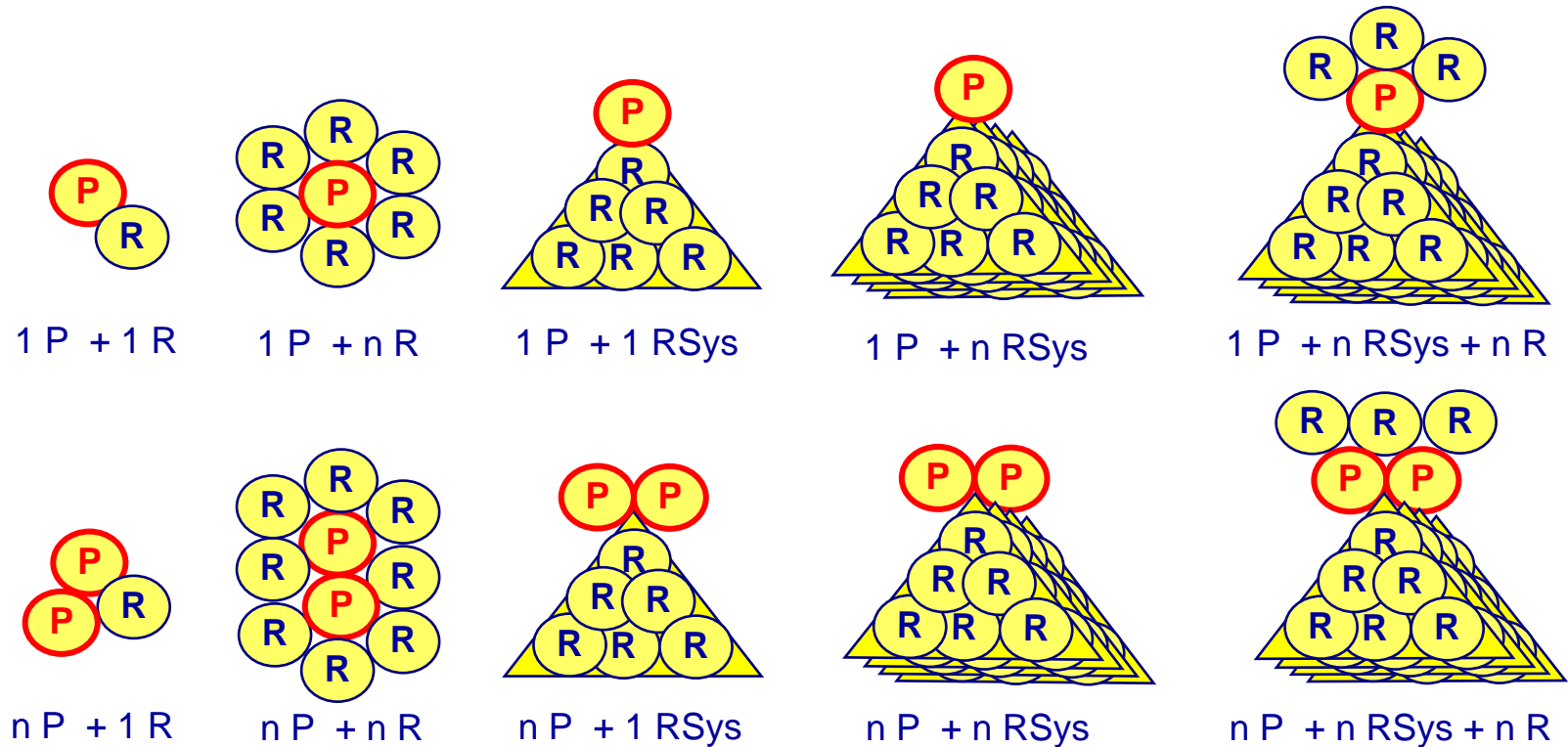
# Common control functions – Competition in the field of operative recycling

## Strict Separation



**„Gemeinsame Stelle“ (=EAR) is basis for  
competition in the field of WEEE-recycling**

# Possible „producer“/recycler relations



**regional and functional characteristics require different contractual relations**

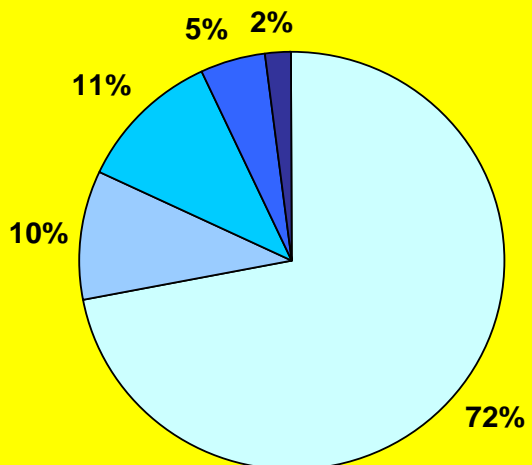
Def.: P = Producer, R= Recycler, RSys = Recycling-System (F.i. bidding group, R.-Organisation or others), 1 = one, n = multiple

# Product Categories acc. to Directive 2002/96/EC

1. Large household appliances
  2. Small household appliances
  3. IT- and telecomm.-equipment
  4. Consumer equipment
  5. Lighting equipment
  6. Electrical and electronic tools
  7. Toys, leisure and sports equipment
  8. Medical devices
  9. Monitoring and control instruments
  10. Automatic dispensers
- Private use
- b2b
- 
- A diagram consisting of two large blue curly braces on the right side of the list. The top brace groups items 1 through 7 and is labeled 'Private use'. The bottom brace groups items 8 through 10 and is labeled 'b2b'.

# “Affectedness” by market segments

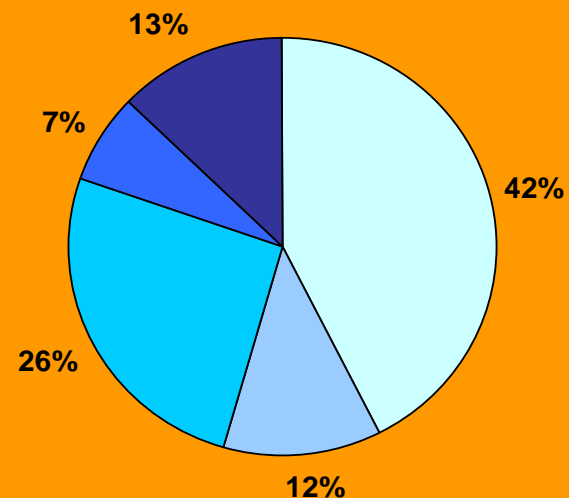
## kg



Lg. Household Appl.     Consumer Electronics  
 IT and Telecommunic.     Sm. Household Appl.  
 Others\*

Estimated quantities from 2005:  
in total 1'1 Mio t/a

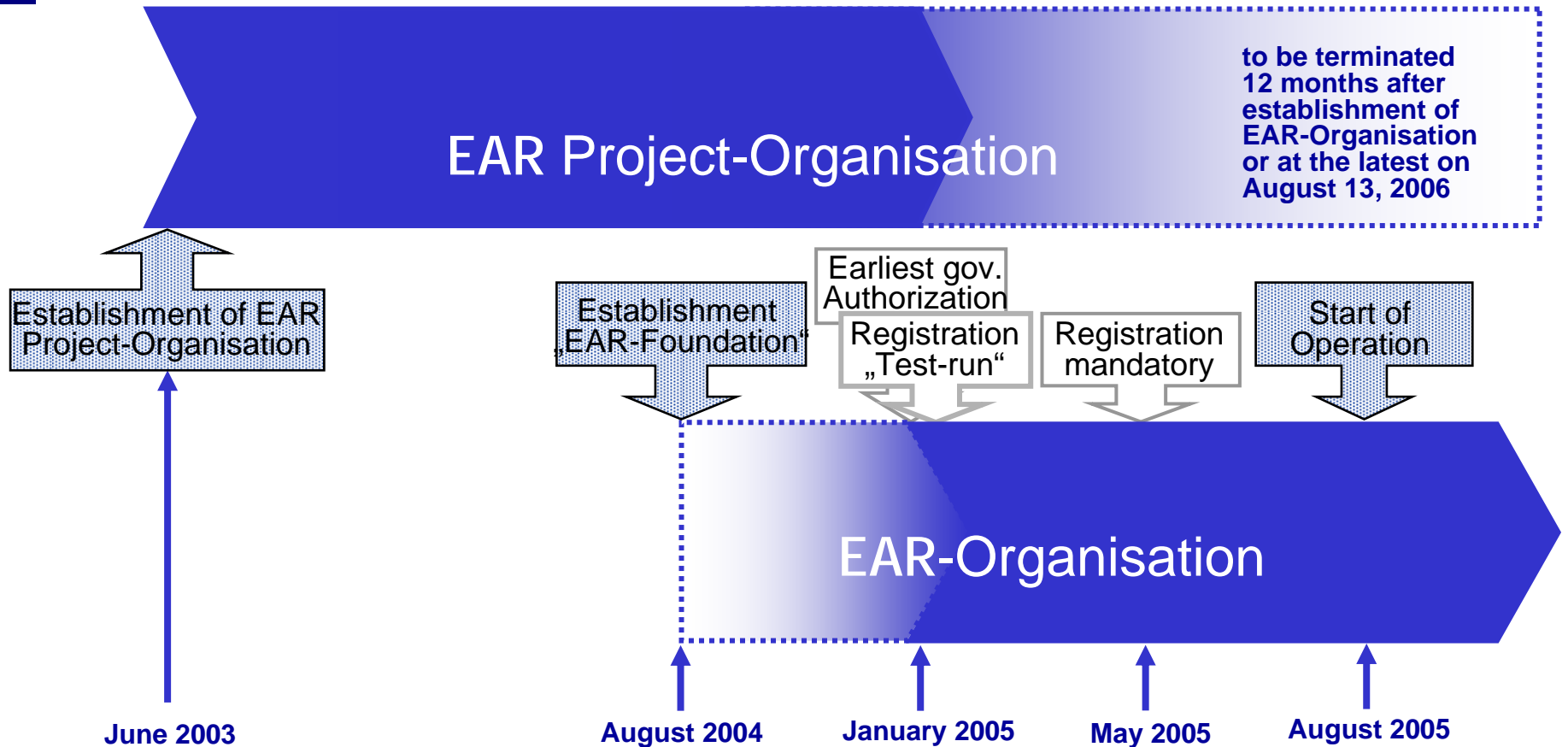
## €



Lg. Household Appl.     Consumer Electronics  
 IT and Telecommunic.     Sm. Household Appl.  
 Others\*

Estimated costs in total from 2005:  
350 up to 500 Mio €/a

# Schedule of EAR ramp-up



...more via

[www.ear-projekt.de](http://www.ear-projekt.de)

Elektro-Altgeräte Register<sup>®</sup>  
Projektgesellschaft b.R.

or via

[www.stiftung-ear.de](http://www.stiftung-ear.de)

stiftung  
elektro-altgeräte register<sup>®</sup> **ear**