

**Engineering a Safe and Low-carbon Environment**

## **Triple - play**

*Market surveillance , consumers and manufacturers  
working together for better electrical safety*

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严德国宁

**Prosafe Chairman**

**Head of Regional Department North**

**FPS Economy - Belgium**

- **Situation**
  - Legal framework
  - Unsafe products ?
- **Triple play**
  - **Consumers**
  - **Market surveillance**
  - **Manufacturers**
  - **Expectations**
  - **Links**
- **China**
- **Conclusion**

## ELECTRICAL EQUIPMENT



### Low Voltage Directive (LVD)

2006/95/EC

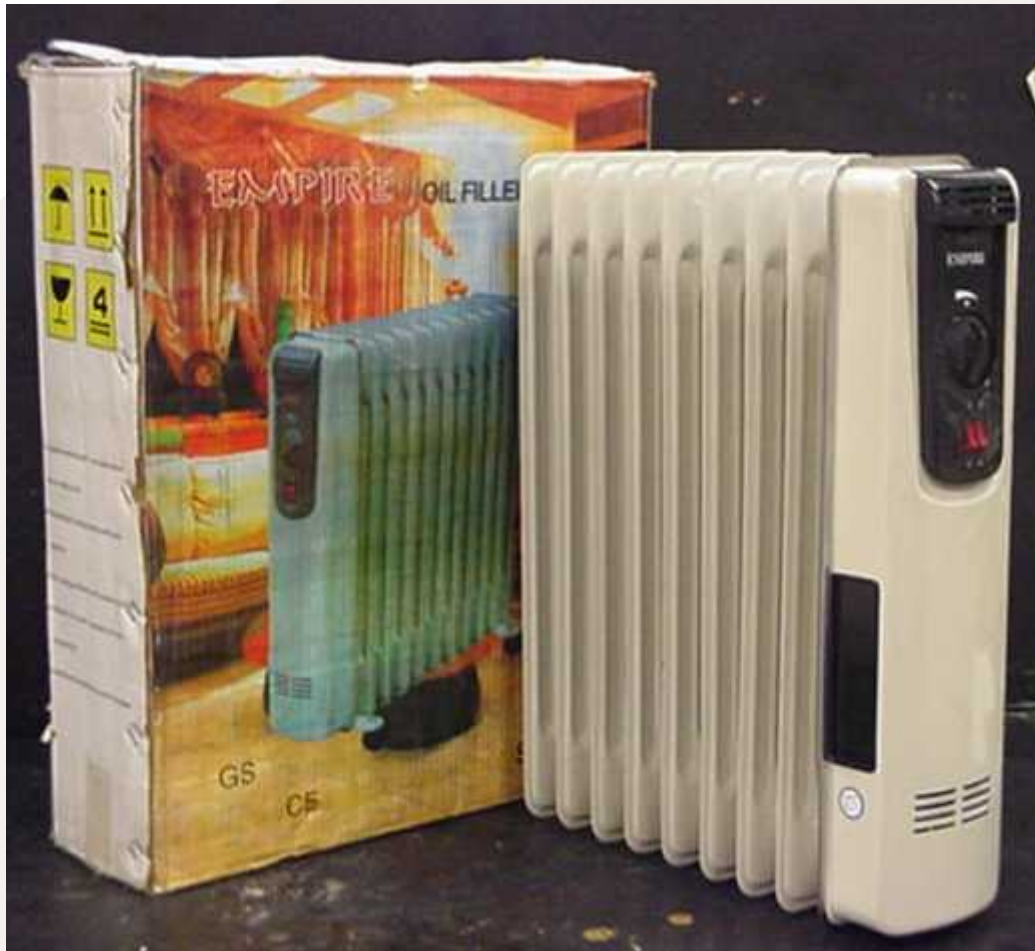
*Any equipment designed for use with a voltage of*

- between 50 and 1000 V for alternating current and*
- between 75 and 1500 V for direct current*

# Situation – Legal Framework



# Situation – Legal Framework





## LVD

**The MS shall take all appropriate measures to ensure that electrical equipment may be placed on the market only if,**

***(having been constructed in accordance with good engineering practice in safety matters in force in the Community),***

**it does not endanger the safety of persons, domestic animals or property when properly installed and maintained and use in applications for which it was made**

## GPSD

**Producers shall be obliged to place only safe products on the market.**

**A product shall be presumed safe as far as the risks and risk categories covered by relevant national standards are concerned when it conforms to voluntary national standards transposing European standards, ...**

## RAPEX

**RAPEX** is a European rapid alert system for dangerous non-food products.

It is used to disseminate information regarding dangerous products identified in one Member State to be quickly circulated between all the Member States and the Commission.





## 2003-2009

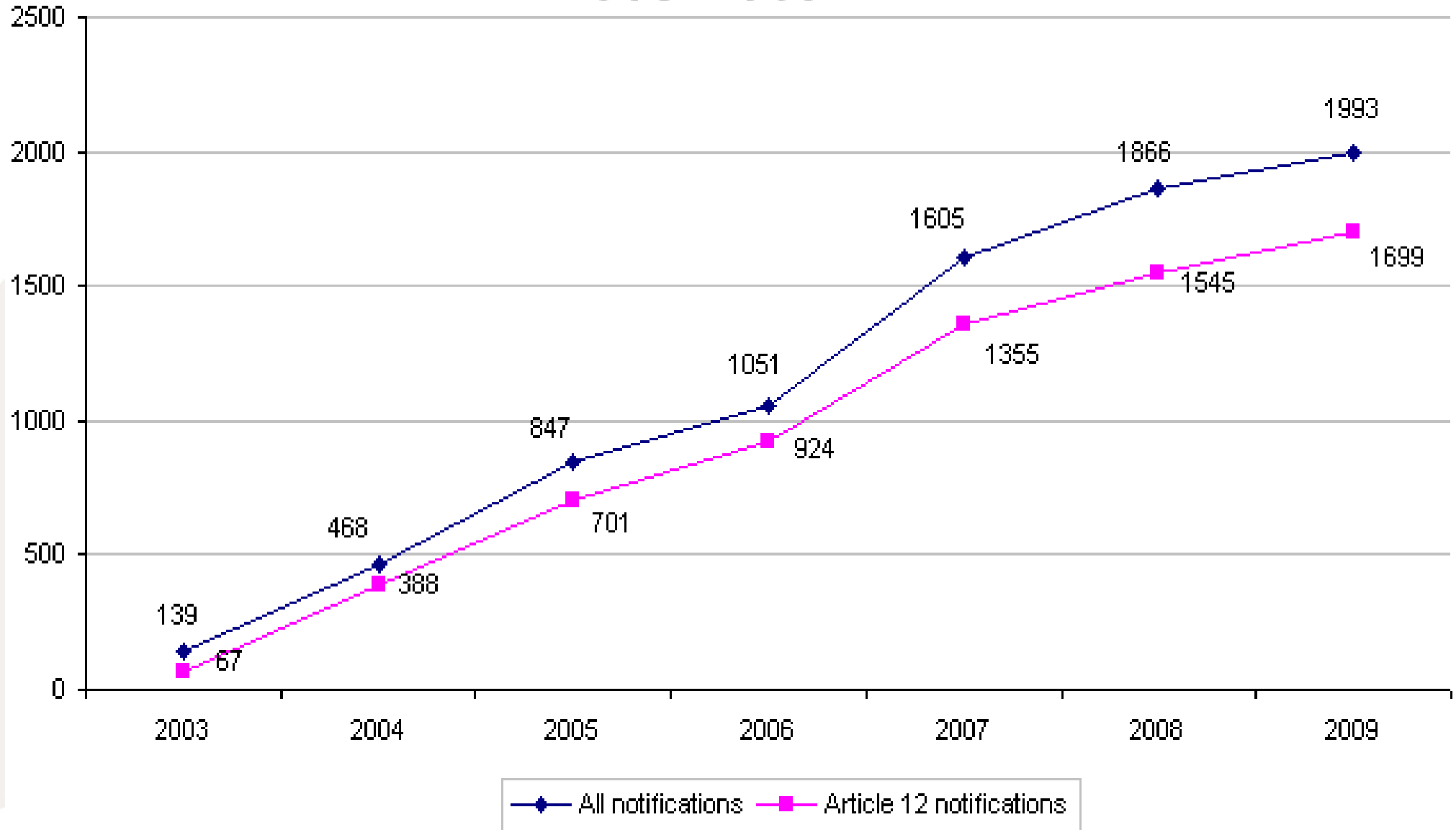


Figure 14 – Number of notifications by country of origin of the notified product

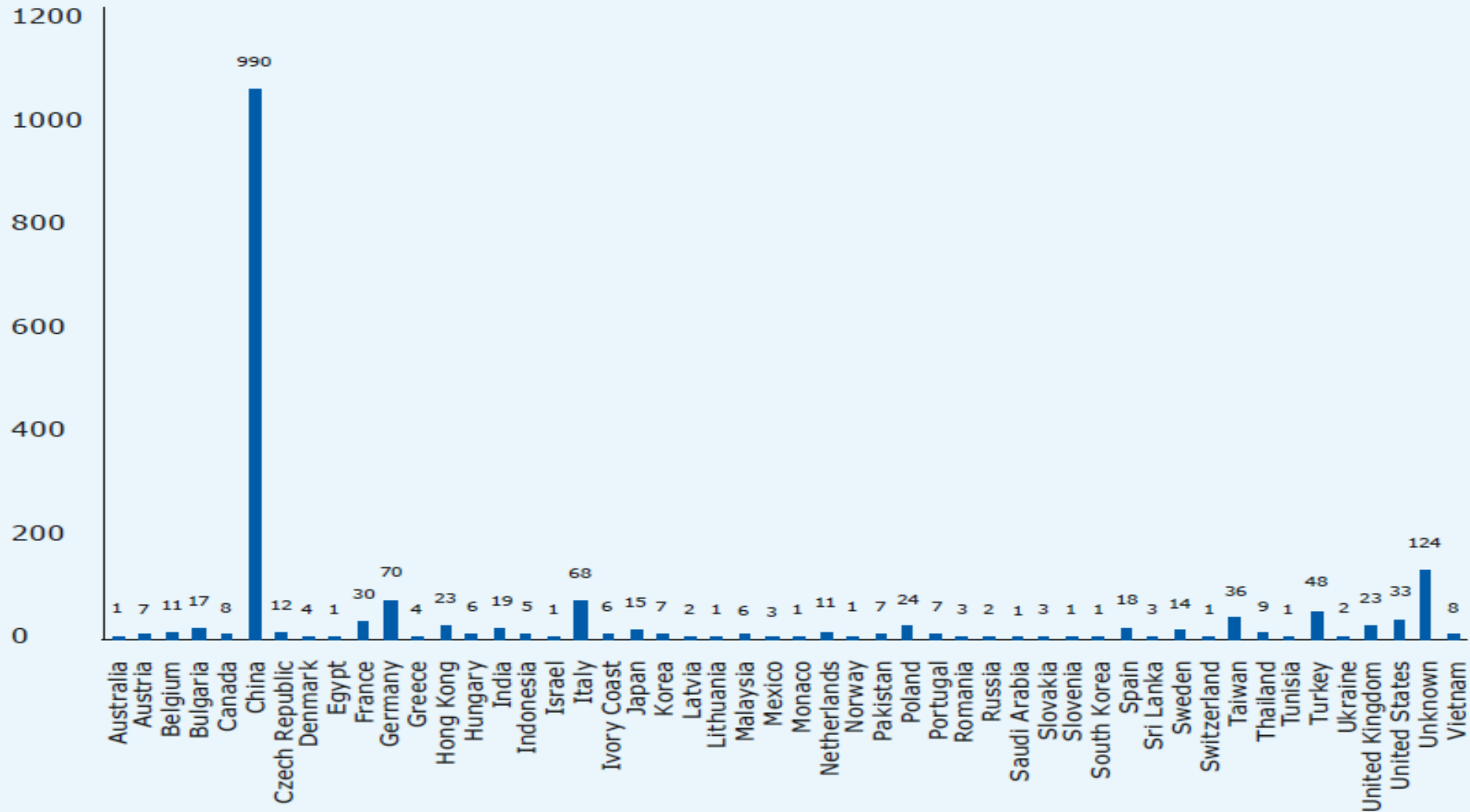


Figure 9 – Notifications by product category (%)

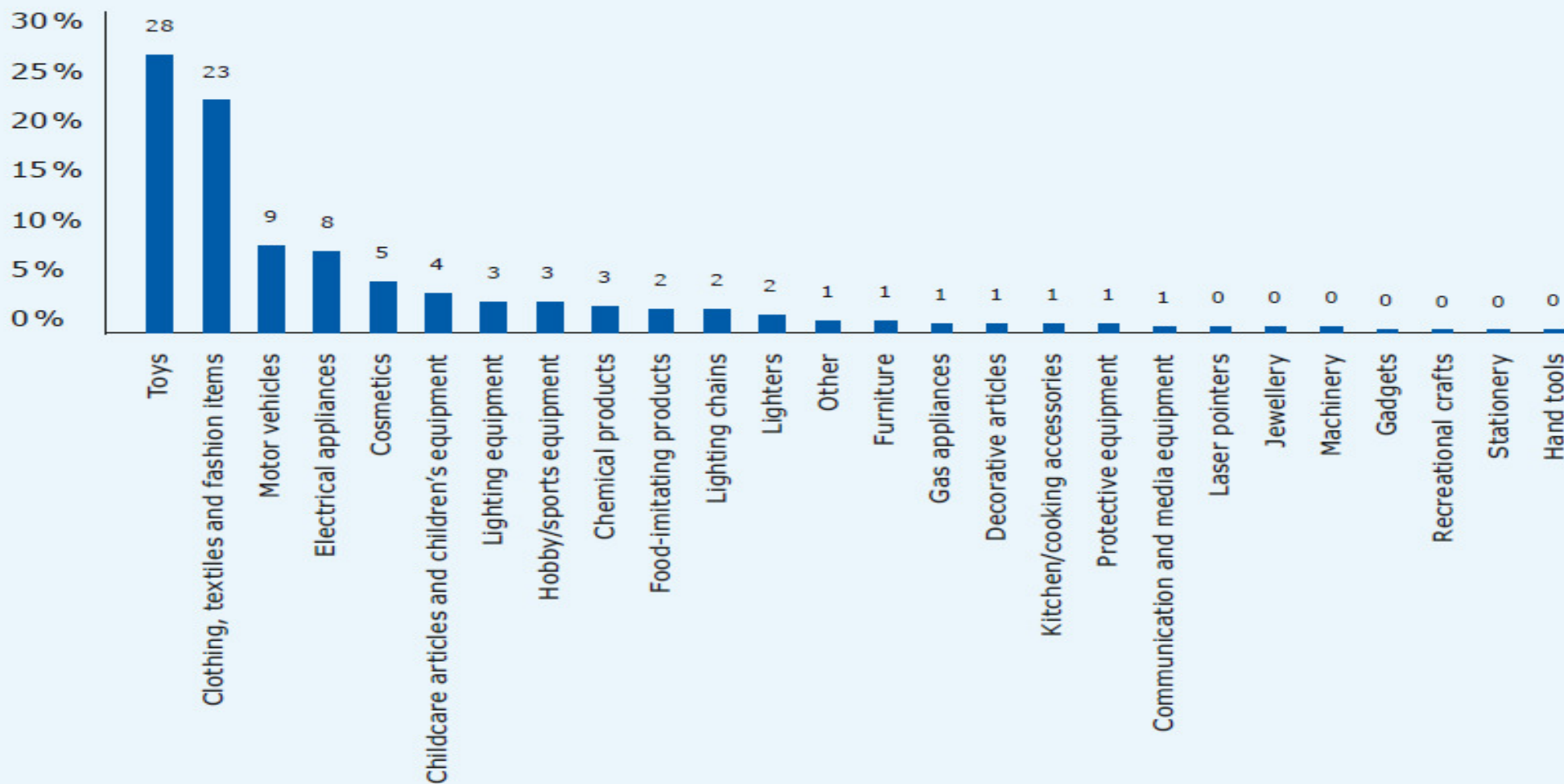
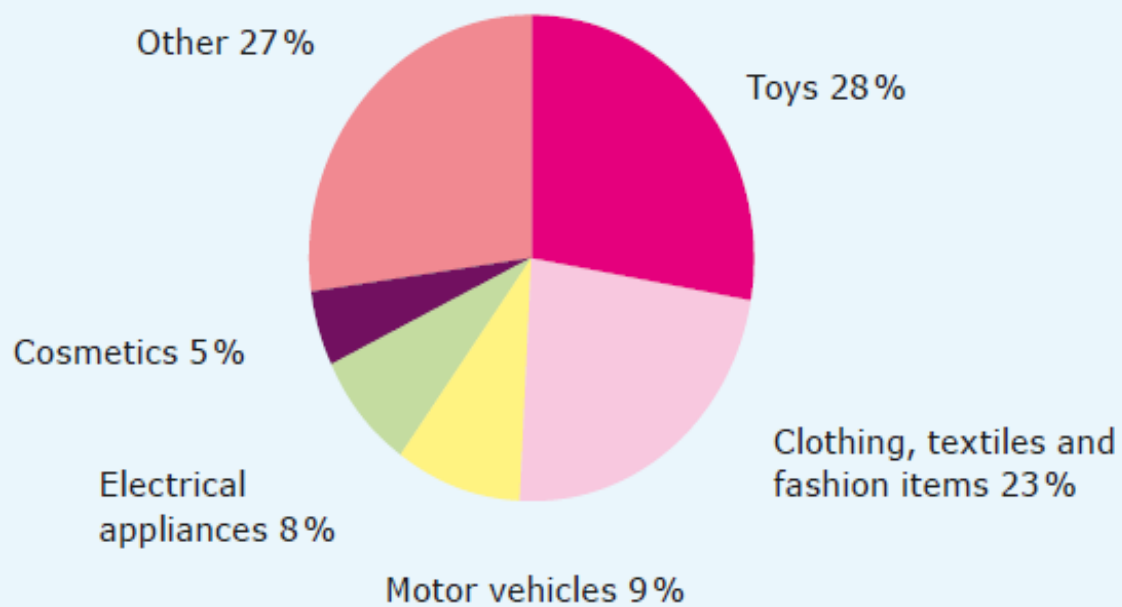


Figure 9 – Notifications by product category (%)

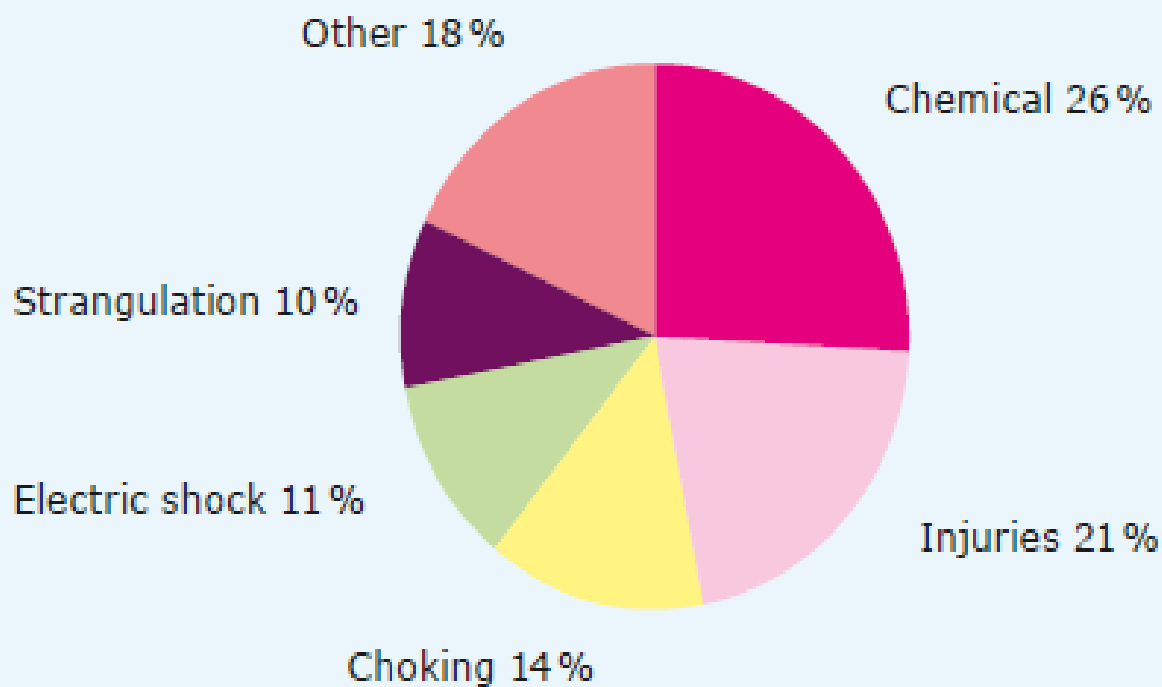
30 %  
25 %  
20 %  
15 %  
10 %  
5 %  
0 %

Figure 10 – The five most frequently notified product categories in 2009



Hand tools | o

Figure 20 – The five most frequently notified types of risk in 2009



**Consumers**



**Manufacturers**

**Market  
Surveillance**



**Consumers: Safe Products**

**Consumers: Safe Products**

**Manufacturers : Level Playing Field**

**Consumers: Safe Products**

**Manufacturers : Level Playing Field**

**Market Surveillance: Free circulation of products**

# Triple Play - Links

**Consumers**  **Market Surveillance**

**Consumers**  **Market Surveillance**

**Safe products**

# Triple Play - Links

**Consumers**  **Market Surveillance**

**Safe products**

**Creation of trust:**

- **Brand**
- **Markings**
- **Certification**



**Consumers**  **Market Surveillance**

**Safe products**

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**Consumers** ← → **Market Surveillance**

**Safe products**

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**Consumers** ← → **Market Surveillance**

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*A mark affixed alongside the CE - marking:*

- *signals conformity with requirements that differ from those behind the CE-marking*
  - *Nature ? Type ? Degree ?*
- of difference is NOT clear to consumers*

**Manufacturers**  **Market Surveillance**



# Triple Play - Links

**Manufacturers**  **Market Surveillance**  
**Ensuring a level playing field: enforcement**



**Manufacturers**  **Market Surveillance**  
**Ensuring a level playing field: enforcement**

**Notification of dangerous products: “business application”**

**Manufacturers**  **Market Surveillance**

## **BUSINESS APPLICATION**

- **Secure internet system (since May 2009)**
- **Notification form**
- **RAPEX 2008: 48% notifications done by business**

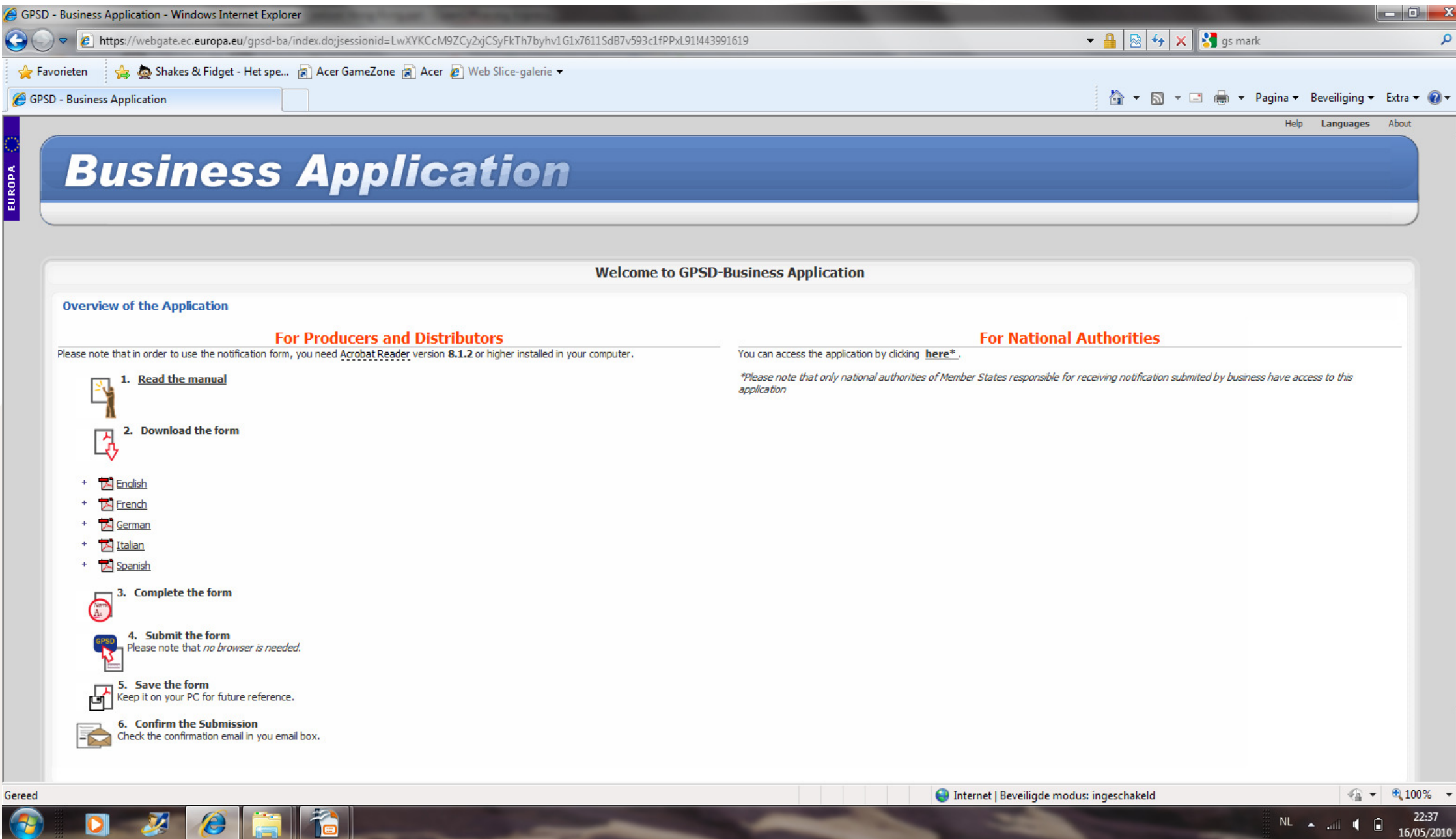
**=> Simplify and speed up notification**

- **European database (ICSMS?)**
- **Single-point access**
- **Information restricted to MSAs**

**Manufacturers** ← → **Market Surveillance**  
**BUSINESS APPLICATION**

<https://webgate.ec.europa.eu/gpsd-ba/>

[http://ec.europa.eu/consumers/safety/rapex/guidelines\\_business\\_en.htm](http://ec.europa.eu/consumers/safety/rapex/guidelines_business_en.htm)



GPSD - Business Application - Windows Internet Explorer

https://webgate.ec.europa.eu/gpsd-ba/index.do;jsessionid=LwXYKcM9ZCy2xjCSyFkTh7byhv1G1x76115dB7v593c1fPPxL91443991619

Favorieten Shakes & Fidget - Het spe... Acer GameZone Acer Web Slice-galerie

GPSD - Business Application

Help Languages About












## Business Application

### Welcome to GPSD-Business Application

#### Overview of the Application

#### For Producers and Distributors

Please note that in order to use the notification form, you need Acrobat Reader version **8.1.2** or higher installed in your computer.

-  **1. Read the manual**
-  **2. Download the form**
  - +  English
  - +  French
  - +  German
  - +  Italian
  - +  Spanish
-  **3. Complete the form**
-  **4. Submit the form**  
Please note that *no browser is needed*.
-  **5. Save the form**  
Keep it on your PC for future reference.
-  **6. Confirm the Submission**  
Check the confirmation email in you email box.

#### For National Authorities

You can access the application by clicking [here](#)\*.

*\*Please note that only national authorities of Member States responsible for receiving notification submitted by business have access to this application*

Gereed Internet | Beveiligde modus: ingeschakeld 100%

NL 22:37 16/05/2010

**Manufacturers**  **Market Surveillance**  
**Ensuring a level playing field: enforcement**

**Notification of dangerous products: “business application”**

**Training and education : standards**

**Manufacturers**  **Market Surveillance**  
Ensuring a level playing field: **enforcement**  
*Enforcement*

Notification of dangerous products: “**business application**”  
*Engagement*

Training and education : **standards**  
*re-Engineering*



# Triple Play - Links

**Manufacturers** ←  **Consumers**

**Manufacturers** ←  **Consumers**

# Information

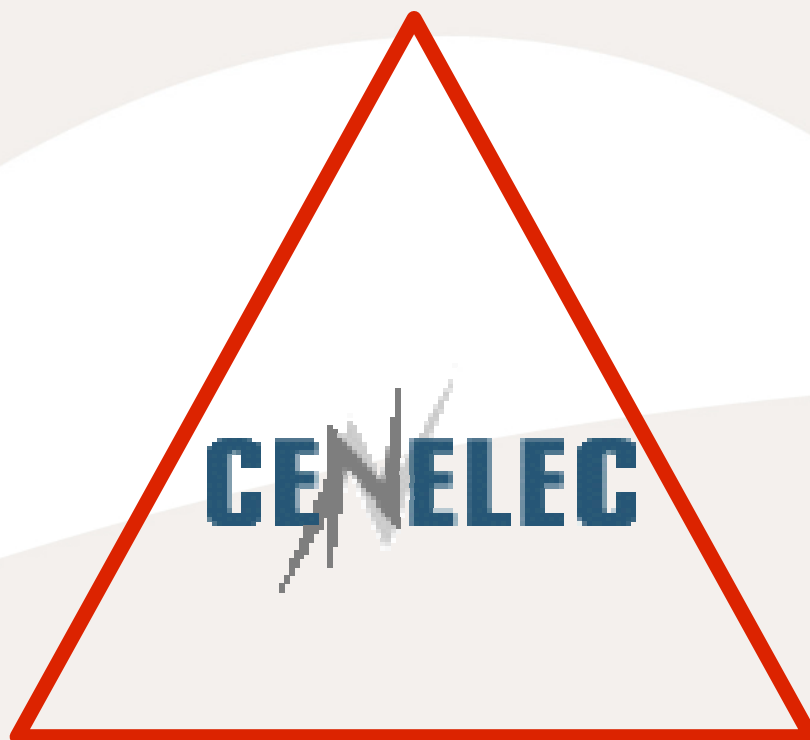
**Manufacturers** ←  **Consumers**

## Information

- **Publicity, manuals, ...**
- **Traceability (origin, brand, ...)**
- **Pro-active => Corrective action => Recalls**
- **Counterfeiting**

# Triple Play - Standards

**Consumers**



**Manufacturers**

**Market  
Surveillance**

**China**



**Europe**

**“Global problems require global solutions”**

**China**



**Europe**

**“Global problems require global solutions”**

**EU – ACSIQ - CPSC: Trilateral co-operation**

**China**



**Europe**

**“Global problems require global solutions”**

**EU – AQSIQ - CPSC: Trilateral co-operation**

**RAPEX China (since 2006): up to 1000 notifications  
25 % export ban**

**=> Blueprint for national surveillance system**

**China**



**Europe**

**“Global problems require global solutions”**

**EU – AQSIQ - CPSC: Trilateral co-operation**

**RAPEX China (since 2006): up to 1000 notifications  
25 % export ban**

**=> Blueprint for national surveillance system**

**Training activities: toys, lighters, risk assessment**



**China**

**Europe**



**“SEAMLESS SURVEILLANCE”**

**China**



**Europe**

**“SEAMLESS SURVEILLANCE”**

**Traceability: 25 % no actions taken**

**Closer to the source: sheer volume of products**

**Customs : Green trade lanes**

**China**



**Europe**

**“SEAMLESS SURVEILLANCE”**

**Traceability: 25 % no actions taken**

**Closer to the source: sheer volume of products**

**Customs : Green trade lanes**

**Link manufacturing controls in exporting countries**

**To checks carried out by importing countries**

**FACTORY TO FRONT DOOR**

## COOPERATION

**COOPERATION**

**INFORMATION SHARING**

**CONSUMER CONFIDENCE**

**COOPERATION**

**INFORMATION  
SHARING**