

# JA2014 - Child Care Articles 4 Safety Barriers

## Meeting 6

*01 March 2017*

*PROSAFE Office, Brussels*

# Start of OPEN MEETING

Welcome to stakeholders:

- Robert Anslow - CEN TC 252 WG4 & ENPC
- Michael Ives - CEN TC 252 WG4
- Anne Smith - ANEC

Welcome to Customs Authorities:

- Albert Durdević - Croatia
- François Lauer - Luxembourg
- Kevin Camilleri - Malta



# Why Safety Barriers were selected for JA2014

- EU Injury Database (IDB) data indicated that approximately 75 injuries to children 0-4 years of age involving child gates/safety barriers were serious enough to require a visit to the emergency department each year
- RAPEX data examined over 10 years (2004 - 2014) showed 7 reports of safety barriers - for entrapment of limbs, risk of strangulation (through width of bars, strength of bars or snagging/protruding parts) and risk of choking
- 17 of 21 EEA states voted for safety barriers under the priority setting exercise for CCA

## Objectives of JA2014 CCA4

- To build on the work undertaken during CCA1, 2 & 3 and thereby increase the safety of products within this product category
- To ensure that safety barriers are safe in use
- To continue to support harmonisation of market surveillance across the EEA within this product sector
- Further update the CCA Priority List for future Joint Actions
- Take actions if and where necessary
- Coordinate with stakeholders ANEC, ENPC and CEN

# Types of Safety Barriers we looked at...

- 112 samples in total:  
58 traditional Safety Barriers (with a door)



# Types of Safety Barriers we looked at...

- 112 samples in total:  
48 extendable Safety Barriers (without a door)



# Types of Safety Barriers we looked at...

- 112 samples in total:  
3 playpens and 3 multi-functional barriers



# Safety Barrier Samples

Iceland  
8 x safety barriers

The Netherlands  
12 x safety barriers

Belgium  
9 x safety barriers  
1 x mf barrier

Luxembourg  
11 x safety barriers  
1 x mf barrier

Portugal  
8 x safety barriers

Malta  
5 x safety barriers



France  
9 x safety barriers  
1 x mf barrier

Czech Republic  
9 x safety barriers

Slovakia  
10 x safety barriers

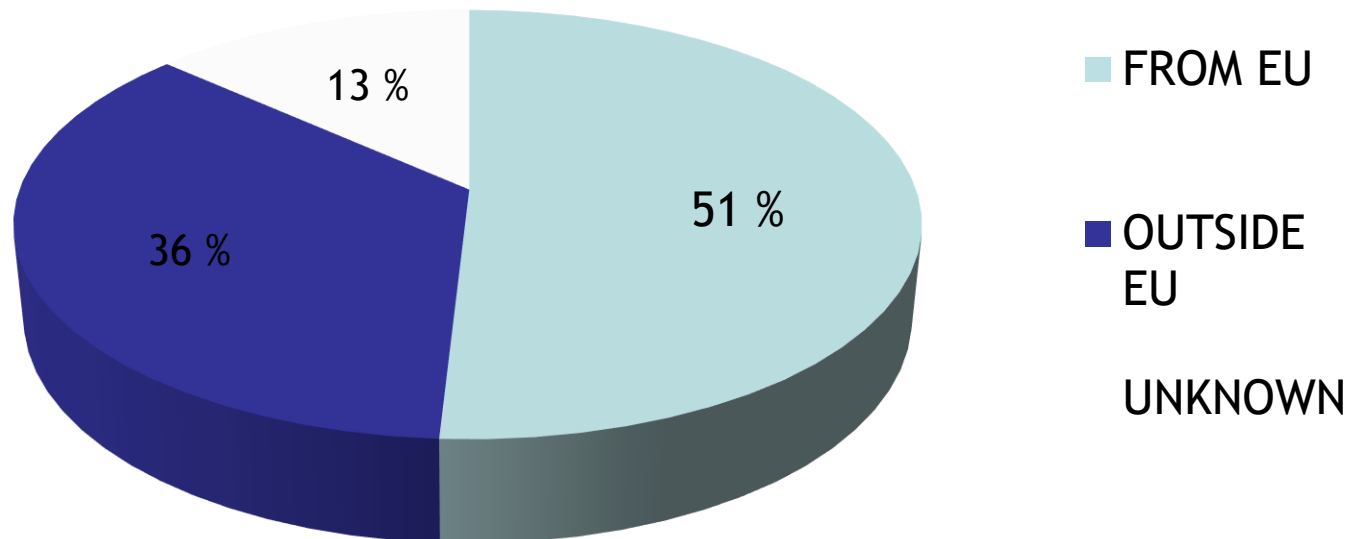
Croatia  
7 x safety barriers  
3 x playpens

Bulgaria  
9 x safety barriers

Greece  
9 x safety barriers



# Breakdown of samples according to country of origin



# Overview of test programme

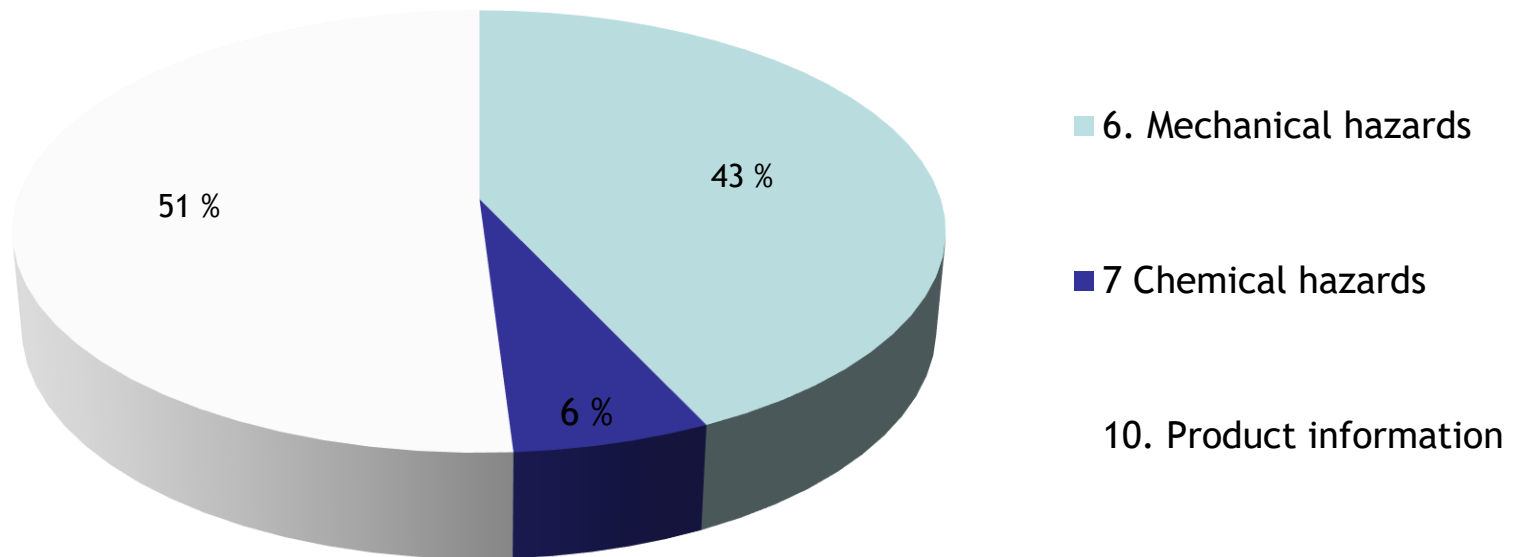
- 1 Sample of each Safety Barrier fully tested to EN 1930:2011
- 1 Sample of each Playpen fully tested to EN 12227:2010
- 1 Sample of each Multi-Functional Barriers tested to a PROSAFE designed protocol (taking tests from EN 1930, EN 12227 and BS 8423 for fire guards)

## Overview of results to EN 1930

- 72 of the 106 samples tested did not meet EN 1930

Clause	Title	Number of samples tested	Non-compliances
6.	Mechanical hazards	106	60
7	Chemical hazards	106	9
8	Thermal hazards	7	0
9.	Additional hazards	106	0
10.	Product information	104	72

# Overview of results to EN 1930 (% of non compliant samples seen)

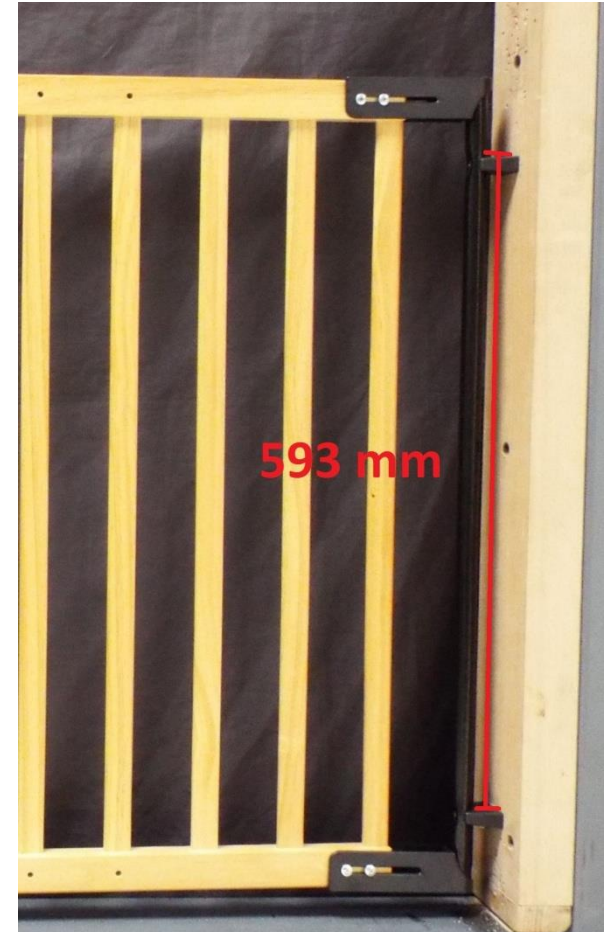


# Detailed presentation of results according to the various clauses of EN 1930

## Results of 6.2 Barrier Function



11 of 106 samples failed, with the distance between the top of any foothold and the top of the barrier being less than 650mm



## Results of 6.3 Gaps



29 of 106 samples failed this clause as seen above

## Results of 6.5 Entrapment Hazards



11 of 106 samples failed - openings of between 7mm and 12mm, with a depth greater than 10mm were seen



# Results of 6.6 Shearing & Crushing Hazards



8 of 106 samples failed this clause

## Results of 6.7 Protrusion Hazards



13 of 106 samples failed this clause

# Results of 6.8 Choking and Ingestion Hazards



8 of 106 samples  
failed this clause



# Results of 6.1.11.2 Effectiveness of the fixing, locking devices and opening systems



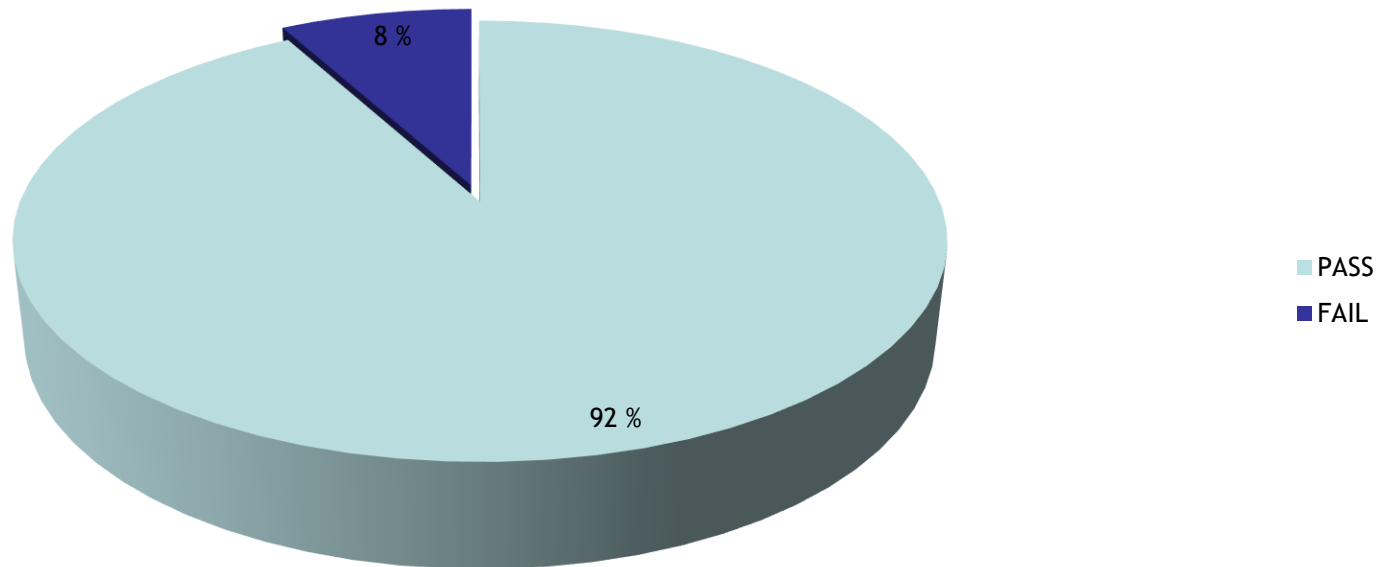
6 of 106 samples failed this clause

# Results of 6.1.12 Security of the Barrier from the Impact Test



17 of 106 samples  
failed this clause

## Results of 7 Chemical Hazards



9 of 106 samples failed this clause

# Results of 7 Chemical Hazards

- Risk Assessments were performed as a result of our findings on chemicals
- It was agreed that, due to the changes being made in the toy standard, the levels detected for Barium were not of great concern
- All other chemicals found were thought to pose a risk, so appropriate follow up actions were undertaken

## Results of 10 Marking

Clause	Title	Number of samples tested	Non-compliances
10.1.	General	104	38
10.2.	Marking	104	27
10.3.	Purchase information	104	27
10.4.	Instructions for use	104	45



# Results of tests according to EN 12227

- 2 of 3 failed 8.1 Child Retention Function
- 2 of 3 failed 8.3 Entrapment
- 2 of 3 failed 8.6 Choking and Ingestion Hazards
- 2 of 3 failed 8.8 Hazardous Edges and Protrusions
- 2 of 3 failed 8.9 Structural Integrity
- 1 of 3 failed 8.10 Stability
- 2 of 3 failed 9 Product Information (marking)

# Results of tests according to PROSAFE Protocol for Multi Functional Barriers

- 1 of 3 failed 6.4 of EN1930 Opening and Closing
- 1 of 3 failed 6.9 of EN1930 Suffocation

# Summary of Risk results

Risk level	Number of samples	Percentage
Compliant / Remedial non compliance	33	29%
Minor non compliance	21	19%
Major non compliance	15	13%
<b>Serious non-compliance</b>	<b>42</b>	<b>38%</b>

## Actions now being taken...

- So far...
  - 19 RAPEX reports made/planned
  - 11 recalled
  - 13 withdrawn
  - 14 notices to economic operators
  - 11 sales bans
  - 7 being adapted
  - 2 awaiting further testing

# Summary

- Many of the safety barriers sampled and tested (72 of 106) do not meet the current standard
- In some areas the current standard is not clear...

# Summary

- Discussion regarding the material the hip probe is made of
- Interpretation issue regarding the clause that covers ‘grippable’ labels
- 2 accredited labs who both applied the impact test incorrectly
- 1 accredited lab did not agree with our results regarding protrusion hazards
- 1 accredited lab did not agree with our results regarding barrier function/footholds
- Wording used in instructions for safety barrier use at the top of stairs

## Close of JA2014 CCA4

- Tour-de-table of final issues raised by all participants
- Final discussions with stakeholders and conclusions of the Project
- Closure of Joint Action

# Thank you for your time and efforts

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