



THE EUROPEAN FEDERATION OF ASSOCIATIONS OF LOCK AND BUILDERS HARDWARE MANUFACTURERS  
ARBEITSGEMEINSCHAFT DER VERBANDE DER EUROPAISCHEN SCHLOSS - UND BESCHLAGINDUSTRIE  
FEDERATION EUROPEENE DES ASSOCIATIONS DE FABRICANTS DE SERRURES ET FERRURES

# Standard issues

ARGE Conference,  
Krakow, 7 September 2006  
WG C – Standardization

# WG C Members

First_name	Last_name	Company	Country
Alessandro	Brunelli	ISEO	Italy
Inge	Liden	ASSA ABLOY AB	Sweden
S Michele	Di Geronimo	CLAVES International AB	Sweden
Manfred	Hinz	BKS	Germany
Juan Miguel	Iraeta	TESA	Spain
Renzo	Ravegnini	FORBON	Italy
Alfred	Scheurer	GLUTZ	Switzerland
Martial	Schneider	FERCO	France
Jan Willem	van der Wal	ANKERSLOT	Holland
Alain	Varenne	JPM	France
Hans	Weissenböck	KABA GEGE	Austria
David P.	Yates	APT Laboratories	United Kingdom
Arjen	Koole	VHS	Holland
Dietrich	Jentsch	German Fachverband	Germany
Stefan	Penz	EVVA-WERK GmbH	Austria

9/14/2006

# WG C - Report of activity

- WG C meetings
  - 26 January 2006, Paris
  - 11 May 2006, Velbert
  - 7 Sept 2006, Krakow
- Exchange of information
  - Via e-mails
  - Direct contacts during CEN meetings
- Next meetings
  - 21 Dec 2006
  - Mar/Apr 2007
  - ???

# WG C internal organization

- “Give and take” principle
- Each member to choose a topic to study as a home work (alone or together with one or more colleagues), and prepare a short presentation to be presented during the next WG C plenary meeting (5-15 minutes);
- WG C to choose from the individual presentations the subject (s) to be developed and/or presented during the next ARGE Conference
- One or two plenary meeting held each year, and a short meeting before the Conference to finalize presentations and co-ordinate the speakers
- All members to circulate directly by e-mail to other WG C members all documents of interest related to standardisation, using WG C mailing list;
- WG C to use ARGE web site to store reference documents;
- ➔ This new organisation allow for each member to be involved in standardisation work and to use WG C as a support for education.

# Items of interest for WG C

- Proposals for new product standards
- Status of EN standards
- Implementation of EN standards
- (...)

# ITEMS OF INTEREST FOR WG C

- Proposals for new product standards
- **Status of EN standards**
- Implementation of EN standards
- (...)



## CEN/TC33/WG4 - European Building Hardware Standards - Progress Chart updated following WG4 mtg on 29/30.3.06

NOTE: Forecast dates shown have been estimated by DHF on the basis of information currently available and may change. No responsibility can be accepted for any consequences resulting from the use of this information

Task Group	Number of Document	Title	Current status	Date issued (or last update)	Harmonised	2006												2007												2008											
						J F M A M J J A S O N D												J F M A M J J A S O N D												J F M A M J J A S O N D											
TG2	EN 1670:1998 EN 1670 revision	Corrosion resistance (Original standard) Corrosion resistance (1st revision)	Published standard Draft for UAP	Dec-96 May-05	No No	published (no CE marking)												pre-Enquiry UAP												published (no CE marking)											
TG3	EN 12209:2003 EN 12209 revision prEN 14846 WI 33/315	Mechanically operated locks (Original standard) Mechanically operated locks (1st revision) Electromechanically operated locks Multipoint locks	Published standard (not yet started) Draft for Formal Vote Draft for CEN Enquiry	Dec-03 Oct-04 Aug-04	Yes No No	published (CE marking compulsory in most Member States) (Awaiting Task Group - meeting planned for May/June 2006)												pre-FV FV published published (CE marking possible) published												pre-Enquiry CEN Enquiry re-drafting pre-FV FV Pub											
TG4	EN 1303:1998 WI 33/299	Cylinders for locks (1st revision) Mechatronic cylinders	Published standard Preliminary draft	Mar-05 Jan-05	No No	Published (no CE marking)												drafting												pre-Enquiry CEN Enquiry											
TG5	EN 1935:2002 EN 1935 revision	Single axis hinges (Original standard) Single axis hinges (1st revision)	Published standard Draft for UAP	Aug-04 ?	Yes No	published (CE marking compulsory in most Member States)												pre-drafting pre-Enquiry UAP												published (CE marking possible) Published (CM)											
TG6	EN 1154:1997 EN 1155:1997 EN 1158:1997 prEN 14637 WI 33/290	Controlled door closing devices Elec. powered hold open devices for swing doors Door co-ordinator devices Elec. controlled hold open systems Uncontrolled door closing devices (spring closers)	Published standard Published standard Published standard Draft for Formal Vote Preliminary draft	Mar-03 Mar-03 Mar-03 Feb-04 Sep-05	Yes Yes Yes No No	published (CE marking compulsory in most Member States)												published (CE marking compulsory in most Member States)												published (CE marking compulsory in most Member States)											
TG7	EN 1906:2002 EN 1906 revision	Lever handles and knob furniture (Original standard) Lever handles and knob furniture (1st revision)	Published standard Draft for UAP	Mar-02 Nov-04	No No	published (no CE marking)												re-drafting pre-Enquiry UAP												Published											
TG8	EN 12051:2000	Door and window bolts	Published standard	Feb-00	No	published (no CE marking)																																			
TG10	EN 1125:1997 EN 1125 revision EN 179:1997 EN 179 revision prEN 13633 prEN 13637	Panic exit devices operated by horizontal bar (Orig.std) Panic exit devices operated by horizontal bar (1st revision) Emergency exit devices (Original standard) Emergency exit devices (1st revision) Electrically controlled panic exit system Electrically controlled exit system (with delay etc)	Published standard Draft for Formal Vote Published standard Draft for Formal Vote Draft for UAP Draft for UAP	Oct-02 ? Nov-02 ? ? ?	Yes Yes Yes Yes Yes Yes	published (CE marking compulsory in most Member States)												re-draft pre-FV FV published (CE marking possible) published (CM)												published (CE marking compulsory in most Member States)											
TG11	EN 1527:1998	Hardware for sliding doors	Published standard	Dec-98	No	published (no CE marking)																																			
TG12	prEN12650 (1&2)	Powered pedestrian lifts (1&2)	Re-drafted standards		Yes	re-drafting pre-Enquiry UAP												published																							
TG13	TS 13126 (1-17) EN 13126 revision EN 13126 revision EN 13126 revision EN 13126 revision	Fittings for windows and door height windows Window fittings (revisions to Parts 1 and 8) Window fittings (revisions to Parts 15, 16 and 17) Window fittings (revisions to Parts 10, 11 and 12) Window fittings (revisions to other parts)	Published TS's Approved drafts Drafts for UAP Preliminary drafts (not yet started)	Apr-04 ? ? ?	No No No No	published (no CE marking)												published (no CE marking)												published (no CE marking)											
TG14	EN 12365:2003	Gaskets and weatherstripping (4 parts)	Published standard	Oct-03	No	published (no CE marking) Revision being considered																																			
TG15	EN 12320:2001 EN 12320 revision	Padlocks and padlock fittings (Original standard) Padlocks and padlock fittings (1st revision)	Published standard (not yet started)	Mar-01	No No	published (no CE marking)												(Awaiting Task Group - meeting planned for May 2005)																							
TG17	WI 33/321	Door & window fittings for use by children, elderly and disabled	Draft guidance document	Sep-05	No	drafting												published																							

KEY: D or Drafting Drafting work     pre-Eng Preparation for CEN Enquiry     Eng CEN Enquiry     pre-FV Preparation for Formal Vote     FV Formal Vote

UAP Unique Acceptance Procedure     Pub Published     CM/Poss Published (CE marking possible)     CM Published (CE Marking compulsory in most member states)

This chart can be downloaded from the DHF web-site  
[www.dhfonline.org.uk](http://www.dhfonline.org.uk)

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# ITEMS OF INTEREST FOR WG C

- Proposals for new product standards
- Status of EN standards
- **Implementation of EN standards**
- (...)

# Action 1 → Implementation of EN 1125 and EN 179 exit devices standards in National building regulations and specifications

## ➤ Objectives

- EN standards to be referenced in National regulations and building specifications
- Choice of products to be defined by local authorities

## ➤ Scope

- Present the overall situation in Europe with regards to the implementation of mandated EN standards and CE marking:
  - Examples in different countries
  - Mandated EN standards published and available (EN 1125, EN 179)
  - CE marking mandatory in some countries (not all)
  - CE marked products available on the market
  - But... National Building regulations (except Italy...) do not refer to these standards
  - But... Specifiers do not refer to CE marked products



# Action 1 → Implementation of EN 1125 and EN 179 exit devices standards in National building regulations and specifications

## ➤ Targets

- DG Enterprise / Mr Bedotti ?
- Members of European Parliament (MEP's)?
- Others?

## ➤ How to proceed?

- WG C will collect proposals from Members and prepare a draft
- Paper to be presented to ARGE PT for approval
- PT will present paper to defined targets

## ➤ Time scale

- 09/2006: present proposed action to ARGE Conference for approval
- 11/2006: present proposal to ARGE PT.

# Reminder

- If you have any problem with the implementation of CE marking and harmonized European Standards (especially EN 1125 and EN 179) in your country, please send urgently your comments and reference documents to WG C for use in the report to ARGE PT and presentation to EU Commission

# Action 2 → ARGE Guidelines covering choice, installation and maintenance of hardware products

## ➤ Objectives

- Give state of the art information to the market on environment (regulations, standards, liability, etc.) and products, advise the market on the choice, installation and maintenance of products
  - Market education

## ➤ Scope

- Hardware products, especially those covered by the Mandate.
  - First products covered: Exit devices, Door closing devices, Locks and cylinders

## ➤ Targets

- All people involved in the choice, installation and maintenance of the products

# Action 2 → ARGE Guidelines covering choice, installation and maintenance of hardware products

## ➤ How to proceed?

- WG C will collect experience and proposals from Members and prepare a draft document
- Once approved, document will be issued by ARGE for use by Members
- These guidelines could be supported by CEA and endorsed by EFSAC, thus having the status of the "state of the art" documents to be used by Specifiers.

## ➤ Time scale:

- 09/2006: present action to ARGE Conference for approval
- 10/2006 → 05/2007 : prepare draft document(s) for approval
- 05/2007: circulate documents to Members for implementation at National level

# ARGE guidelines

## ➔ Draft proposal for a common structure

### ➤ Foreword

- ARGE and National Associations
  - Professional expertise
- Contribution and acknowledgements

### ➤ Introduction

- The reasons
  - Choice of products often does not reflect the state of the art, specifications and/or market needs or expectations
  - Need for a European common approach
  - National adjustments to local regulations
- The objectives with this guidance document
  - State of the art by professionals
    - To inform about regulations, standards, products, liability,
    - To provide guidance on the choice, installation and maintenance of products
- The targets
- The scope

# ARGE guidelines

## ➔ Draft proposal for a common structure

### ➤ 1. The environment

- Fundamental rules  
=> i.e. Exit devices and systems: saving lives versus protecting property
- European Directive(s)
  - Directive 89/106/EEC Construction Products Directive (CPD)
  - Others when applicable : CMC, Low Tension, Machines, etc.
- National regulations  
=> Part to be developed by National Associations
- European standards
- Existing European and National guidelines

# ARGE guidelines

## ➔ Draft proposal for a common structure

- 1. The environment (Cont'd)
  - Product conformity
  - Marking and identification of products
  - Liability
    - Manufacturer (who produce)
    - Distributor (who sell)
    - Specifier (who choose)
    - Installer (who install)
    - Maintenance (who maintain)
    - User (who use)
  - Information and training

# ARGE guidelines

## ➔ Draft proposal for a common structure

- 2. The products available on the market
  - Main characteristics
  - Main functions and features
  - Main types of products
  - Door types(including fire/smoke resisting doors)
- 3. The choice
  - Criteria for the choice of the products
  - Recommendations by ARGE professionals
  - Do's and don't's
  - Other products for the door

# ARGE guidelines

## ➔ Draft proposal for a common structure

### ➤ 4. Installation

- Normative and informative rules from standards
- Recommendations by ARGE professionals
  - Manufacturers' instructions
  - Basic rules
  - What to check, i.e. the alignment of hinges, the friction torque of hinges, Others: for locks, panic or emergency exit devices, the force required for relatching the device which keeps the door in the secured position

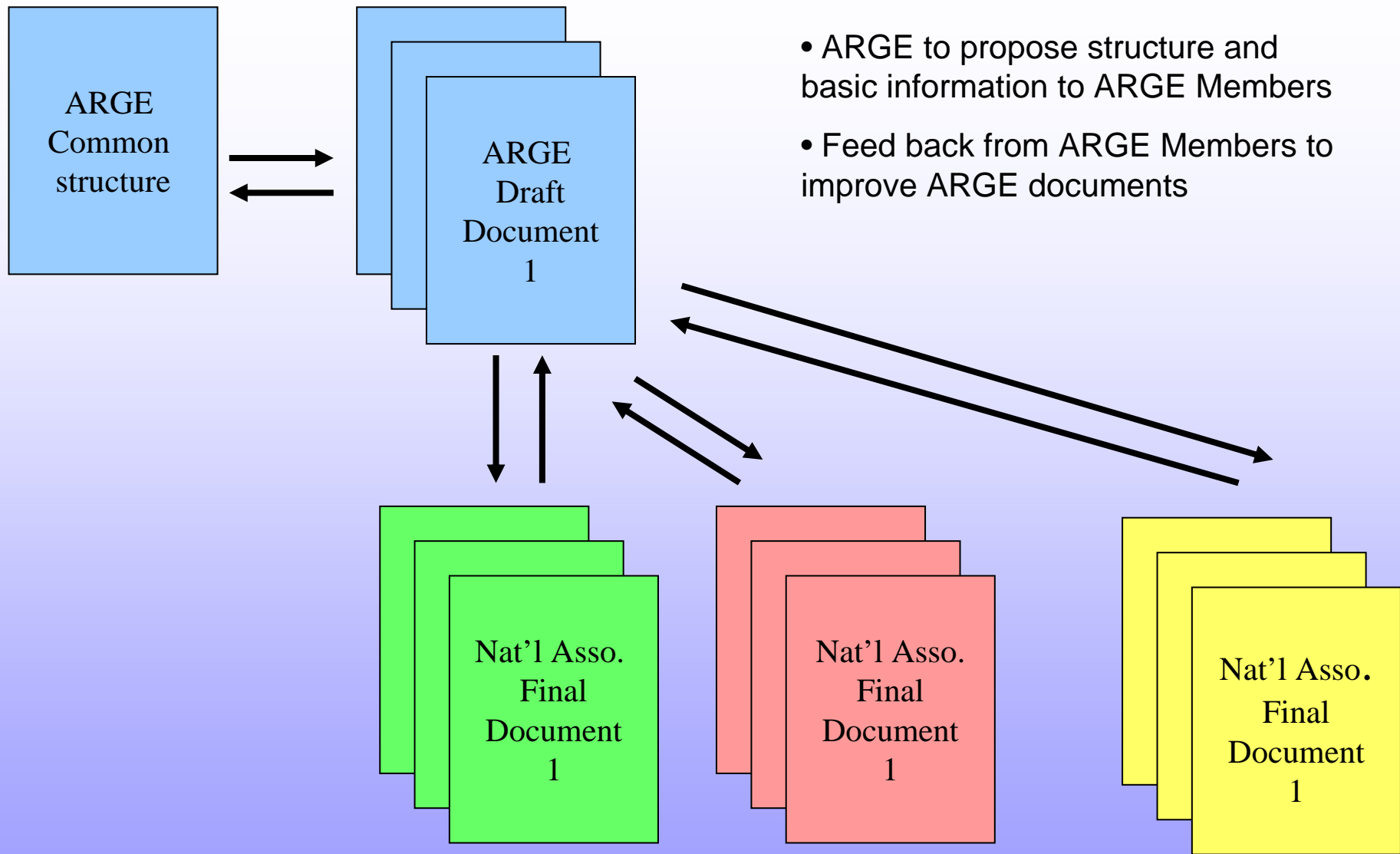
### ➤ 5. Maintenance

- Normative and informative rules from standards
- Recommendations by ARGE professionals
  - Manufacturers' instructions
  - Basic rules,
  - What to check

# ARGE guidelines

## ➔ Draft proposal for a common structure

- 6. Frequently asked questions (FAQ)
- Conclusion
  - Liability
  - Risk analysis
  - Insurance
  - A possible evolution of European regulations
- Appendix
  - Examples of technical solutions available on the market
  - Terminology and definitions
  - Surveys
  - Statistics
- Bibliography



- ARGE to propose structure and basic information to ARGE Members
- Feed back from ARGE Members to improve ARGE documents

# Do's and don'ts

## ➤ Do

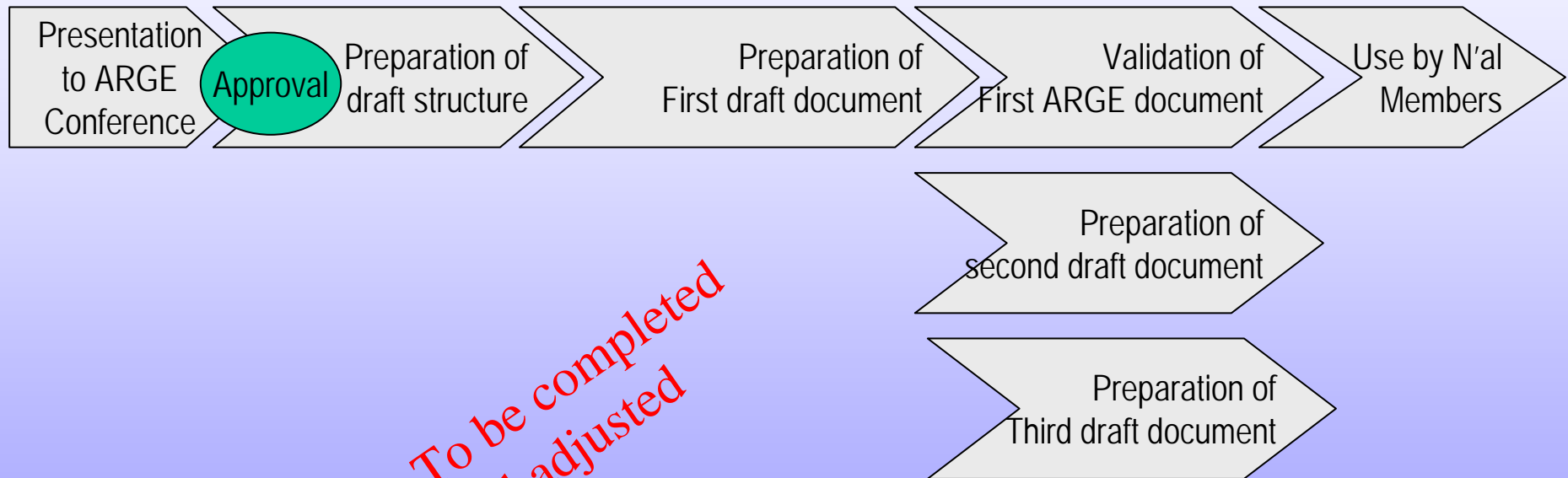
- Share common information
- Benefit from experience of ARGE Members
- Help Nat'l Associations to develop their own guidelines
- Let ARGE Members to adapt documents to local needs
- Build up common ARGE guidelines for reference to other European organizations and to become the spokesman of our industry

## ➤ Don't

- Do not delay the work of ARGE Members
- Do not impose information that is not relevant to the country

# Next steps?

Sept	Oct	Nov	Dec	Janv	Fev	Mars	Avril	Mai	Juin	Etc.
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9/14/2006

*To be completed and adjusted*

