

# CE Marking for Building Hardware

A new beginning !



Stephan Schmidt (DE), ARGE Task Group CPR



Håkan Hedlund (SE), TC33/WG4 Convenor



Pierre Vilain (FR), ARGE WG Standardisation Convenor

# Content

- ➔ Background
- ➔ Status of ongoing discussions with the European Commission
  - ➔ CPR Revision
  - ➔ CPR acquis
- ➔ ARGE Strategy
- ➔ Next steps
- ➔ Take away ...

# Background - Revision of CPR



Brussels, 30.3.2022  
COM(2022) 144 final

2022/0094 (COD)

Proposal for a

**REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL**

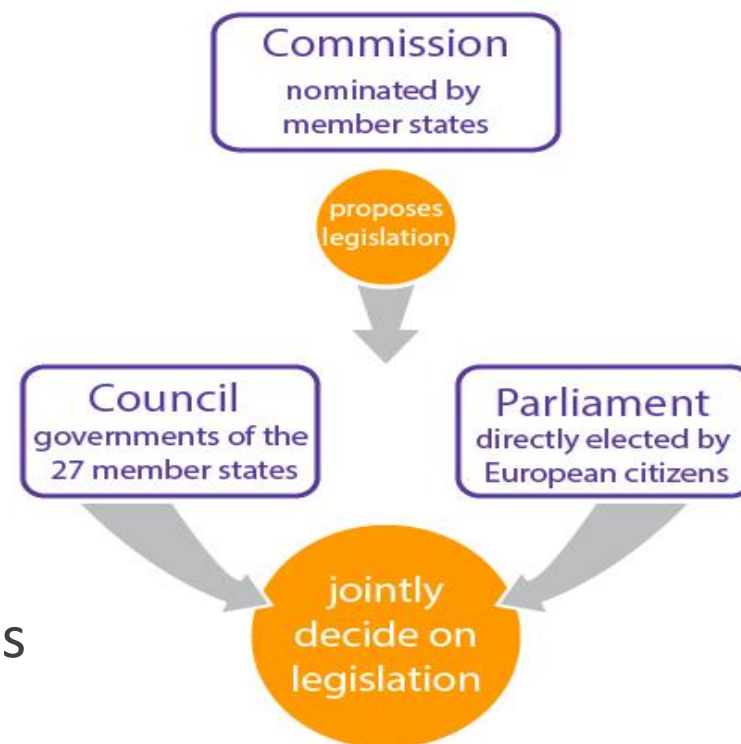
**laying down harmonised conditions for the marketing of construction products,  
amending Regulation (EU) 2019/1020 and repealing Regulation (EU) 305/2011**

## CPR Revision / Summary

- ➔ Main change: addition of environmental requirements
- ➔ EU Commission will have more power to update
- ➔ The technical content has to be defined by **SR Standardization Requests** to create new **harmonized EN standards**
- ➔ The obligations of the manufacturers are very extensive:
  - ➔ Maintenance
  - ➔ User manuals
- ➔ The CPR will become much more complicated than it was

### Status of the ongoing process:

**Trilogue process** has started.  
Result is expected end of 2023



**Proposal for a REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL laying down harmonised conditions for the marketing of construction products, amending Regulation (EU) 2019/1020 and repealing Regulation (EU) 305/2011 (Text with EEA relevance)**

2022/0094(COD)  
DRAFT [EP mandate (complete)]  
20-07-2023 at 11h37

	Commission Proposal	EP Mandate	Council Mandate	Draft Agreement
Formula				
1	2022/0094 (COD)	2022/0094 (COD)	2022/0094 (COD)	
Proposal Title				
2	Proposal for a REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL laying down harmonised conditions for the marketing of construction products, amending Regulation (EU) 2019/1020 and repealing Regulation (EU) 305/2011 (Text with EEA relevance)	Proposal for a REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL laying down harmonised conditions for the marketing of construction products, amending Regulation (EU) 2019/1020 and repealing Regulation (EU) 305/2011 (Text with EEA relevance)	Proposal for a REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL laying down harmonised <del>conditions</del> <b>rules</b> for the marketing of construction products, <del>amending</del> <del>Regulation (EU) 2019/1020</del> and repealing Regulation (EU) 305/2011 (Text with EEA relevance)	
Formula				
3	THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,	THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,	THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,	
Citation 1				

Proposal for a REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL laying down harmonised conditions for the marketing of construction products, amending Regulation (EU) 2019/1020 and repealing Regulation (EU) 305/2011 (Text with EEA relevance) 2022/0094(COD) 20-07-2023 at 11h37 1/663



- CPR Acquis Process
- Building hardware
- Common issues with doors and windows



EUROPÄISCHE  
KOMMISSION

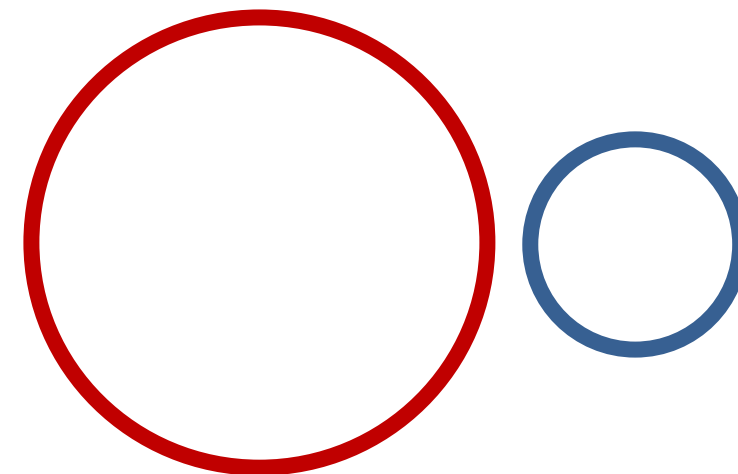
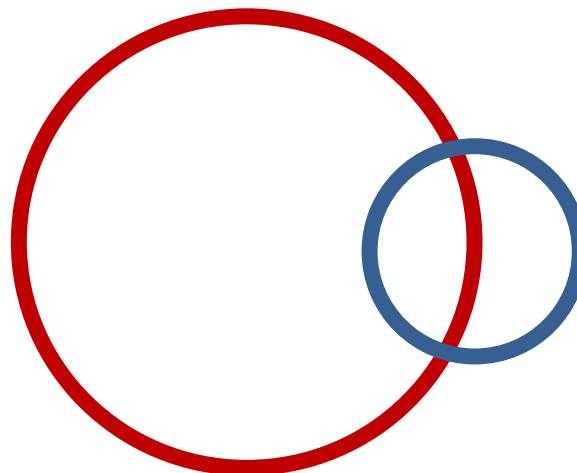
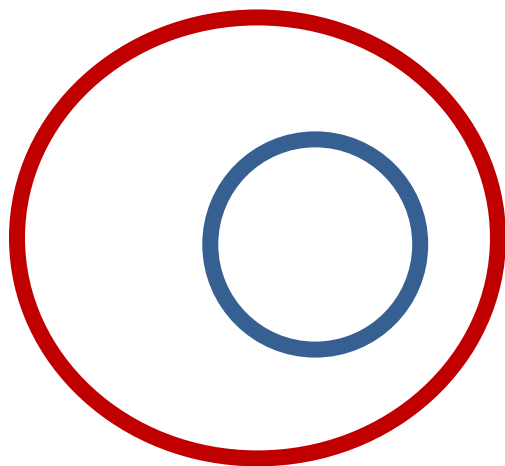
# CPR Technical Acquis

Stephan



**Manfred Fuchs, Senior Policy Assistant at the European Commission Directorate General for Internal Market, Industry, Entrepreneurship and SMEs (DG GROW) Unit H.1**

## The concept - **component standard** / **door/window set standard**



- a) component standard does not introduce any additional parameters to the set standard
- b) component standard satisfies certain needs of the set standard but introduces additional parameters
- c) no overlap, conformity is assumed, or it is not needed



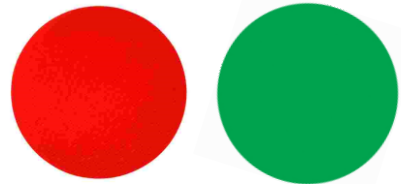
## What do we have now?



**Harmonized Standards**



**Non harmonized Standards**



**Hybrid Standards**

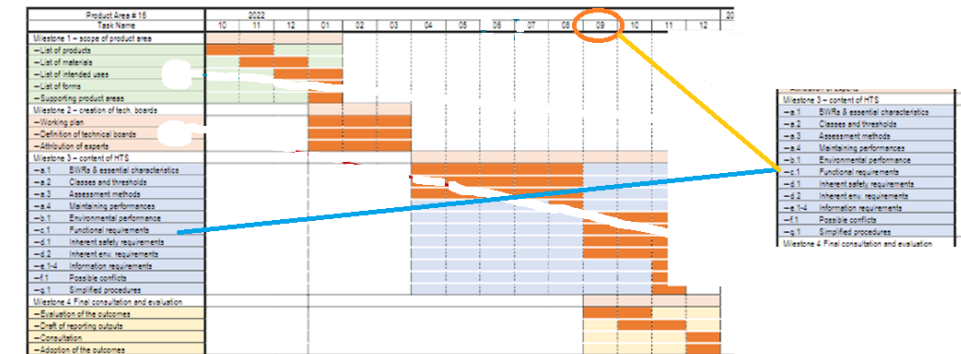
# Status of CPR Aquis – Doors, windows and hardware

Håkan

Subgroup 04 meeting, 16 June and 12 September

- Focus on Door and windows
- Comments on Milestone III, task a.1 – essential characteristics. MS comments processed
- „Working list of issues“ – Clarifications – Input from MS (12 September)
- Draft outcomes of Milestone III, tasks a.1, a.2, a.3
- **Hardware discussed in separate subgroup – 18 September**

Detailed tasks of the subgroups



Product family	Products	common		light admittance		external use			anti-violation			emergency exit		fire safety				
II	Manually operated and power-operated pedestrian doorsets - external - internal	Ventilation capacity	Behaviour between different climates	Solar transmittance	Visible light transmittance	Resistance to wind load	Watertightness	Child safety - opening restriction	Bullet resistance	Explosion resistance	Burglar resistance	Emergency release	Durability of emergency release	smoke control	ability to release to close	durability of ability to release to close	self-closing	durability of self-closing

List not complete

## Hardware – CPR acquis – Subgroup to Subgroup 04

Håkan

- **The basic idea:** To maintain the CE marking as we know today
- WG 4/WG 1 document, CEN/TC 33/WG 4 N 1382
- **BCWR 2 - Safety in case of fire**
- Essential characteristics directly linked to building hardware.
  - **Self-closing** - Ability to close and keep the fire/smoke door in a closed position.
  - **Emergency release** (Ability to release to open) - Ability to open the escape route door in case of fire.
  - **Release of hold-open device** (Ability to release to close) - Ability to release the door for closing in case of fire.
  - **Durability of self-closing and release of hold-open device** (Ability to release) - Ability to close and keep the fire/smoke door in a closed position and to open the escape route door in case of fire after a declared number of cycles
  - Proxy characteristics: Self closing / Ability to release / Durability of self closing and ability to release

## Hardware – New questions from the EC

- Positive response and acceptance of BCWR 2 arguments
- **Next Building hardware meeting 18 September**
- The relationship with doors/windows (DW) standards
  - Clarify how declared performance of hardware relates to DW.
  - DW manufacturers will probably need to declare performance on the complete product.
- The necessity of establishing threshold levels or classes to the proxy characteristics needs to be clarified.
- It should be clear in the beginning which parameters need to be regulated at the level of a harmonised standard.

## ARGE Strategy (1/2)

- ➡ Treat Hardware in parallel with doors/windows, to remain independent from door/window industry.
- ➡ Propose solutions which can be argued in a logical and consistent way
- ➡ Avoid getting all our hardware CE marked
- ➡ Focus on BCWR 2 “safety in case of fire”, for fire and/or smoke control doors/windows and for doors on escape routes

## ARGE Strategy (2/2)

- ➡ Maintain pass/fail criteria, to ensure safety in case of fire
- ➡ Remove characteristics not depending only on Hardware
- ➡ Take in account also other channels than OEMs

## Next steps

- ➔ Agree on the main principles with the European Commission (Meeting on 18 Sept)
- ➔ Finalise the standardization request
- ➔ Revise the harmonized standards accordingly

## Take away from this presentation ...

- ➔ **CPR: Trilogie** is running, expected end of 2023, becomes into force 2026 (?)
- ➔ **CPR-ACQUIS**: is running in parallel, important decisions have to be made
- ➔ **ARGE Strategy**: remain independent from doors/windows focus on logical and consistent solutions





# Let's take up the CE marking challenge!



# Thank you!

Questions are welcome!