

# **FIRE-SAFETY OF BUILDINGS: BROADER APPROACH REQUIRED**

**1st Meeting of the Fire Information Exchange Platform**

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Managing Director  
European Association for ETICS (EAE)

## ■ European Association for ETICS

### Brief introduction

The **European Association for External Thermal Insulation Composite Systems (ETICS)** is formed by

- 12 national ETICS associations;
- 6 European associations of leading component suppliers;
- 8 supporting company members.

EAE represents roughly 80% of Europe's ETICS revenue – in total more than 400 manufacturers, installers, institutes and national trade associations.



## ■ Vision & Mission

### What we are aiming for...

- EAE is the voice of the ETICS industry in Europe to grow the market for energy efficient building solutions, contributing to a brighter future for the world.
- Together with all relevant stakeholders we help shape regulation to preserve and develop reliable building quality. We will do this by aiming for a common framework for the European ETICS market.
- This will generate jobs and welfare, protect our environment, make life more comfortable and allow for attractive buildings.



## ■ Our 26 members

### Members of European Association for ETICS



Belgium

**IVP**  
Working Group ETICS  
Diamant Building  
Bld Auguste Reyerslaan 80  
1030 Bruxelles  
Contact  
Open website



Italy

**Cortexa Consortium per la cultura del Sitema a Cappotto**  
Cortexa Consortium per la cultura del Sitema a Cappotto  
Contact  
Open website



Unitet Kingdom

**Insulated Render & Cladding Association INCA**  
6-8 Bonhill Street  
London  
EC2A 4BX  
Contact  
Open website



Slovakia

**Občianske Združenie - Zdruzenie Pre Zateplovanie Budov**  
Studena 3  
82104 Bratislava  
Contact  
Open website



Germany

**Verband für Dämmsysteme, Putz und Mörtel e. V.**  
Fremersbergstrasse 33  
76530 Baden-Baden  
Contact  
Open website



Netherlands

**Branchevereniging Producenten Cappedeerd Bouwen**  
Papaverstraat 17  
4761 Zevenbergen  
Contact  
Open website



Poland

**Stowarzyszenie na Rzecz Systemow Ociepleni (SSO)**  
Zabraniecka 15  
03-873 Warszawa  
Contact  
Open website



Czech Republic

**Cech pro Zateplovaní Budov**  
Ceska Republika  
Stredni skola technická  
Zeleny pruh 1294/50  
14708 Praha  
Contact  
Open website



France

**Groupement du Mur Manteau**  
84 Avenue Jean Jaurès BP 02  
77421 Marne-La Vallée Cedex  
Contact  
Open website



Austria

**Qualitätsgruppe Wärmedämm-Systeme**  
Wiedner Hauptstraße 63  
1045 Wien  
Contact  
Open website



Turkey

**İZODER İsi Su Ses ve Yangın Yalıtımcıları Derneği**  
Hendem Cad. No:58 Y.Dudullu  
34775 Ümraniye/İstanbul  
Contact  
Open website



Romania

**Grupul Pentru Calitatea Sistemelor Termozolante „ETICS”**  
Str. Tudor Arghezi nr.21 Cladire IPCT  
.Et 1  
Bucuresti  
Contact  
Open website

### Extraordinary Members

#### Sector associations



Belgium

**PU Europe**  
European Association of the polyurethane (PUR / PIR) Insulation Industry  
Avenue E. van Nieuwenhuysse 6  
1160 Brussels  
Contact  
Open website



United Kingdom

**EPFA**  
European Phenolic Foam Association  
Kingsley House  
Ganders Business Park  
GU35 9LU Kingsley, Boker  
Contact  
Open website



Belgium

**EURIMA**  
European Insulation Manufacturers Association  
Avenue Louise 375  
1050 Brussels  
Contact  
Open website



Germany

**TechFabEurope**  
c/o AVK e.V.  
Am Hauptbahnhof 10  
60329 Frankfurt  
Contact  
Open website



Belgium

**EUMEPS**  
European Manufacturers of Expanded Polystyrene  
Werstenzeeweg 158  
3680 Maaseik  
Contact  
Open website



Belgium

**EUROPROFILES**  
The European Association of Bead and Lath Producers  
Beekstraat 21a  
B-8550 Zwevegem  
Open website

#### Supporting company members



**AICL Industrial Products**  
Carer Afores s/n  
08260 Súria (Barcelona)  
Contact  
Open website



Germany

**DAW SE**  
Roldörfer Straße 50  
64372 Ober-Ramstadt  
Contact  
Open website



Turkey

**ASCHEM Petrokimya Sanayi A.Ş.**  
Adana Yumurtalik Serbest Bolgesi  
01920 Ceyhan  
Open website



Germany

**EJOT Baubefestigungen GmbH**  
In der Stadtwiese 35  
57934 Bad Laasphe  
Contact  
Open website



Turkey

**Betek Boya ve Kimya Sanayi A.Ş.**  
G.O.S.B. Tembelova Alanı 32.. Sok.  
No:3206  
Gebze- Kocaeli  
Contact  
Open website



Germany

**Sto SE & Co. KG aA**  
Ehrenbachstrasse 1  
79780 Stühlingen  
Contact  
Open website

#### Supporting institutes



Germany

**Forschungsinstitut für Wärmeschutz e.V. München**  
Lochamer Schlag 4  
82166 Grafelfing  
Contact  
Open website



United Kingdom

**Lucideon Ltd**  
Queens Road, Penkhill  
Stoke-on-Trent, Staffordshire ST4 7LQ  
Contact  
Open website

- Well recognised beyond European borders  
EAE's liaison partners in China and Japan



中国建筑节能协会



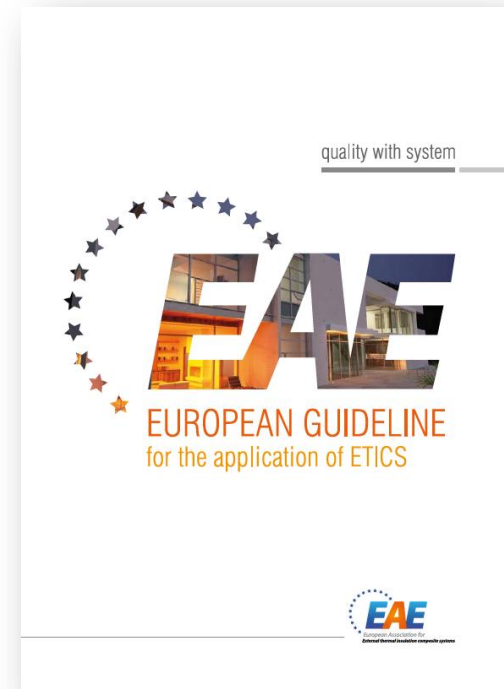
China



Japan

## ■ EAE's commitment to safety and durability of ETICS

- ETICS are tested as a kit regarding several aspects related to long-term performance, durability – and fire-safety.
- Today: ETAG 004 for European Technical Assessments, or according to national regulation (approvals, certificates).
- Future: European harmonized standard (CEN)
- EAE actively supports the elaboration of respective Technical Specifications.
- EAE promotes system loyalty, which is essential for ensuring the declared performances.
- The Application Guideline published in 2011 disseminated the know-how throughout Europe – and beyond.

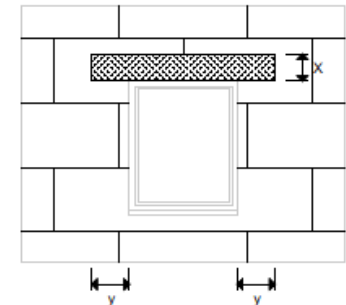


## ■ EAE's commitment to fire safety

- Already in 2011 the EAE promoted in its European Application Guideline the use of fire barriers.
- Further discussed in EAE's Technical Committee, we find such barriers in several Member States today.
- Already in 2014 the EAE requested from the European Commission to take action elaborating a European harmonized façade-fire test method.
- We are satisfied, that the respective project launched by the European Commission shows reasonable progress – though there is still a lot of work to be done.

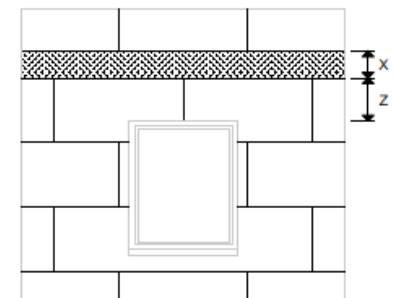
### 11c) POSITIONING OF THE FIRE PROTECTION TRANSOM

Fire protection transom  
Positioned at the height of the window lintel



X ... X should be  $\geq 200\text{mm}$   
Y ... Y should be  $\geq 300\text{mm}$   
Z ... Z should be  $> 150$  and  $< 400\text{mm}$

Fire protection transom  
Positioned above the next row of insulation panels

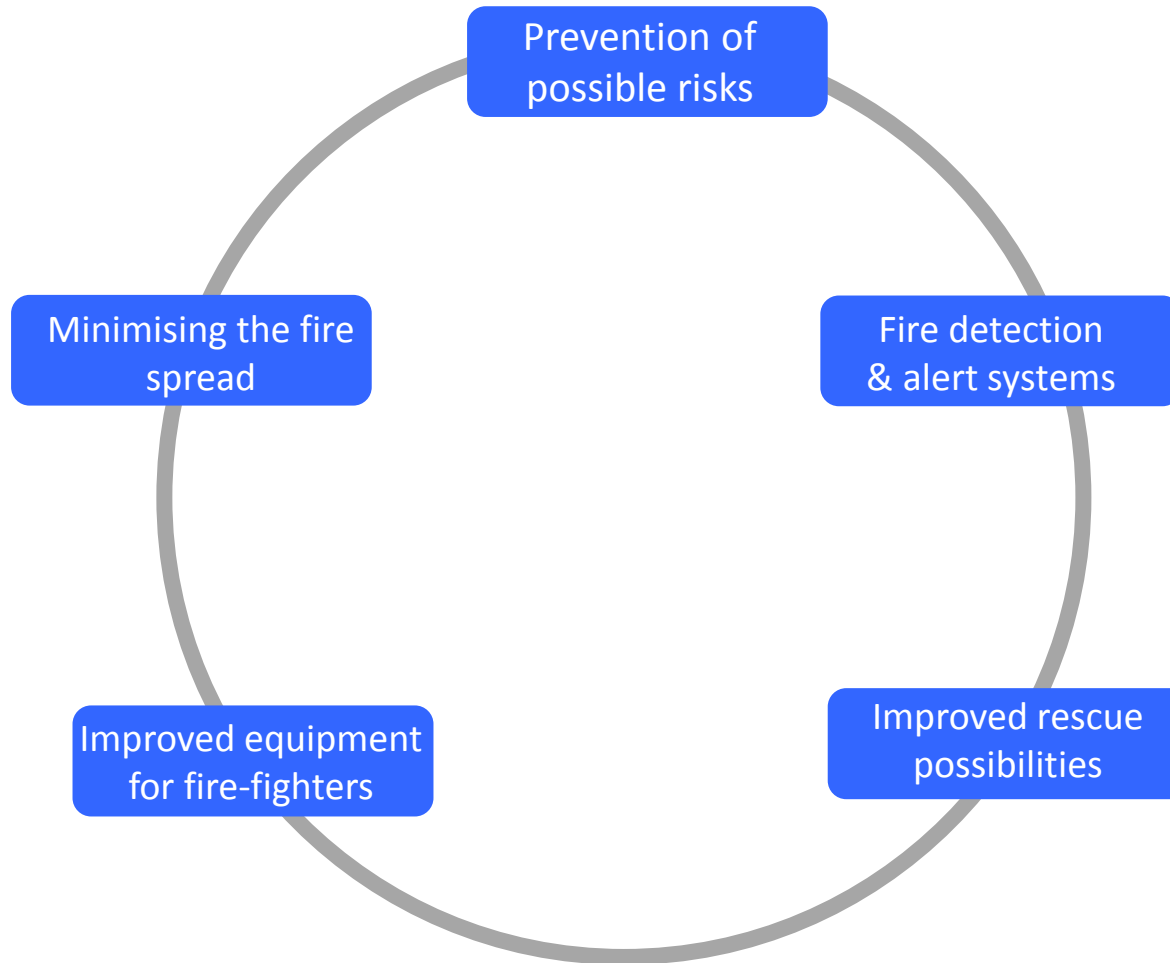


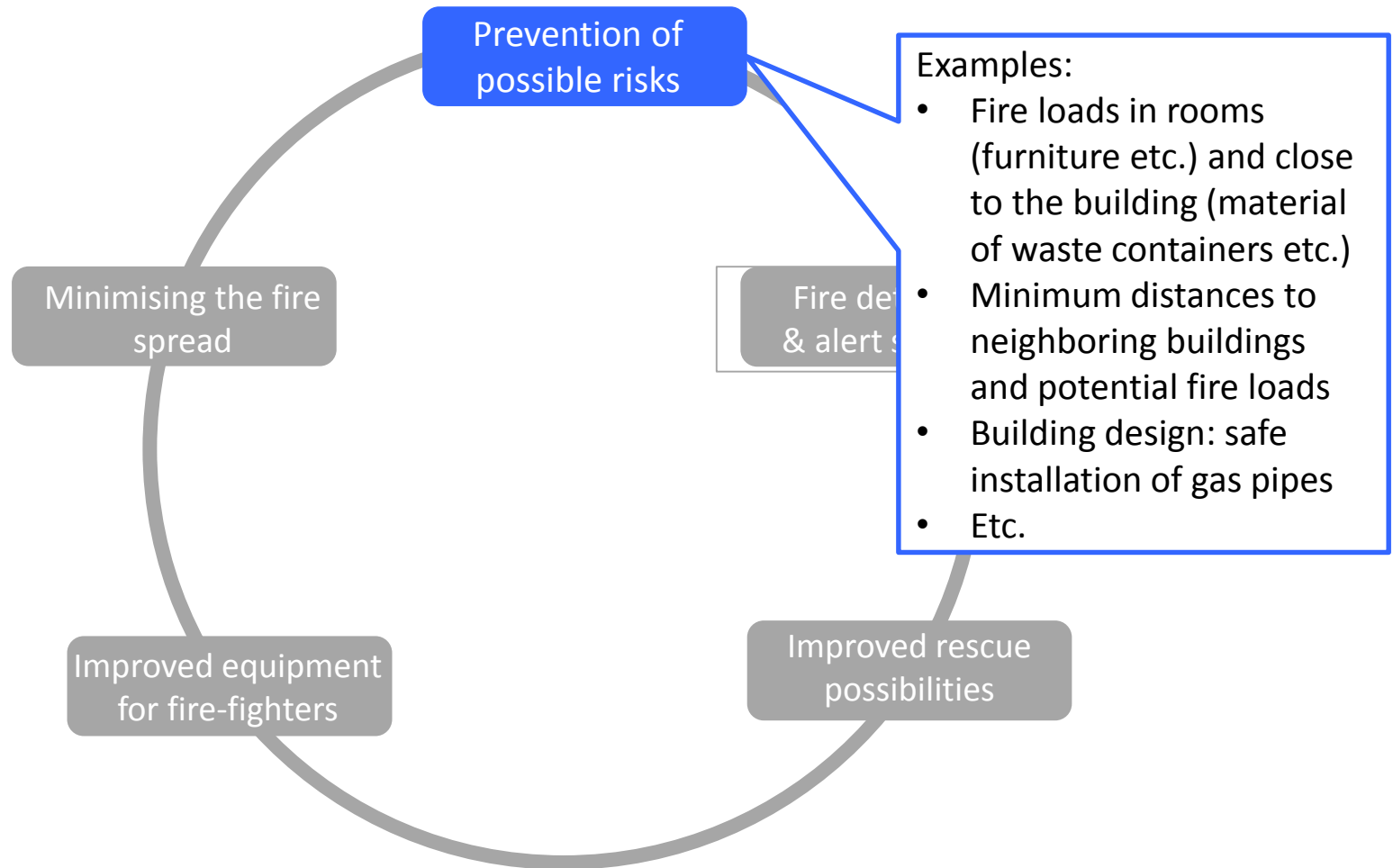
## ■ What is FIEP aiming for?

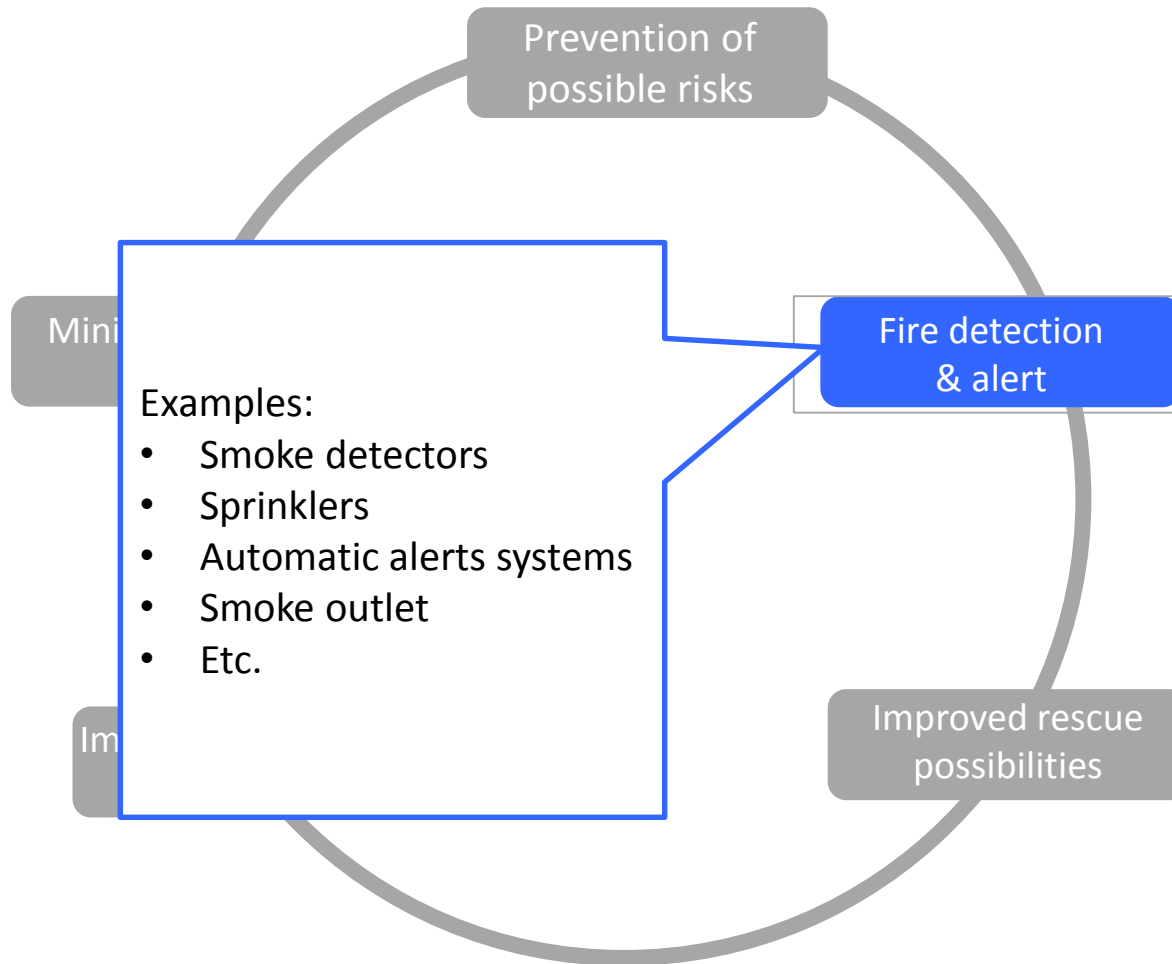
- We wonder, what will be the aim and the scope of the platform.
- For sure, EAE and its members support improving the fire-safety of buildings. However, things should be taken seriously.
- If discussing about how to improve the fire-safety of buildings and health risks for fire-fighters, discussions should not be limited to the fire performance of construction products. To improve the safety of inhabitants and fire-fighters, the whole picture should be considered.

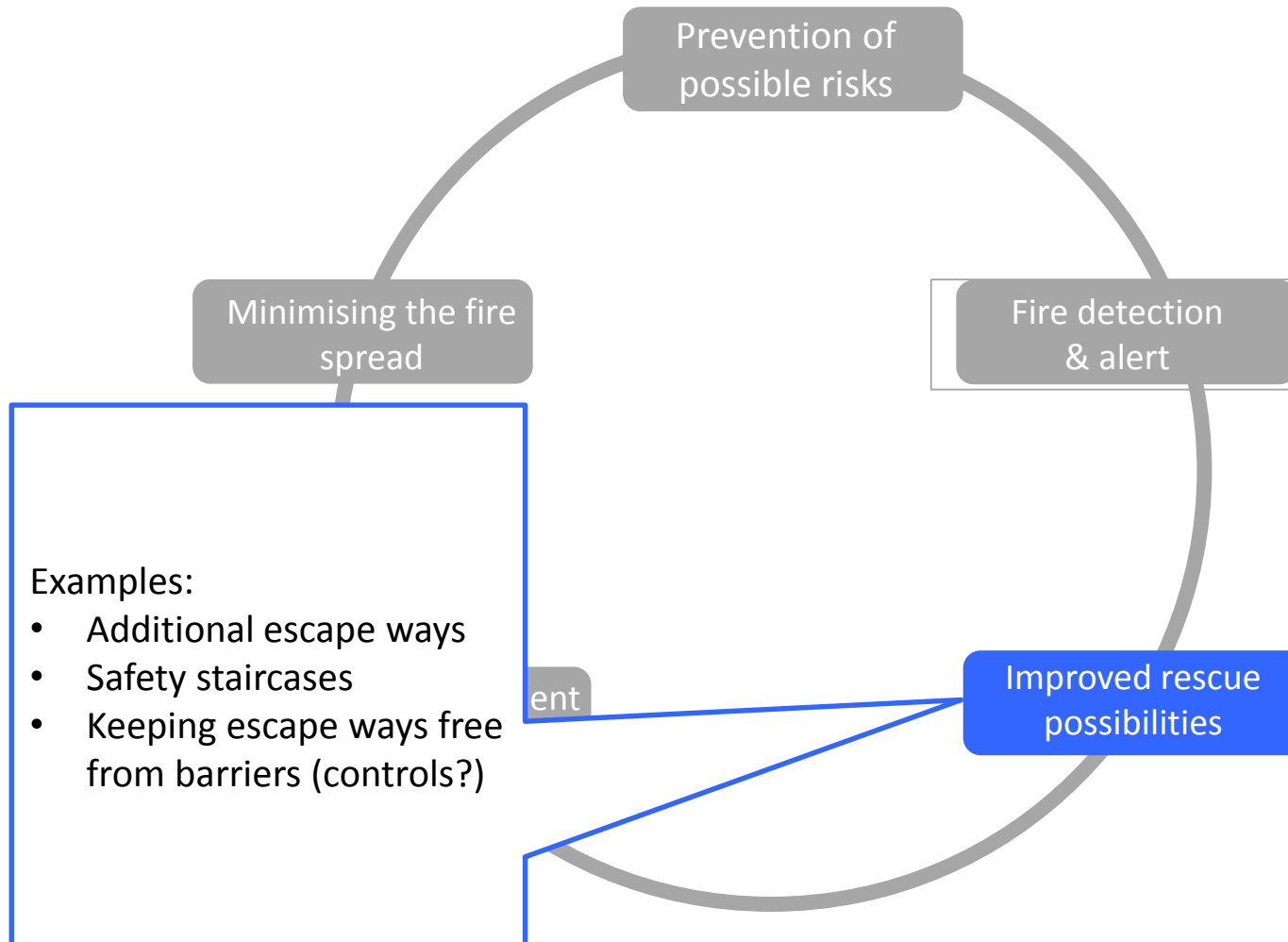


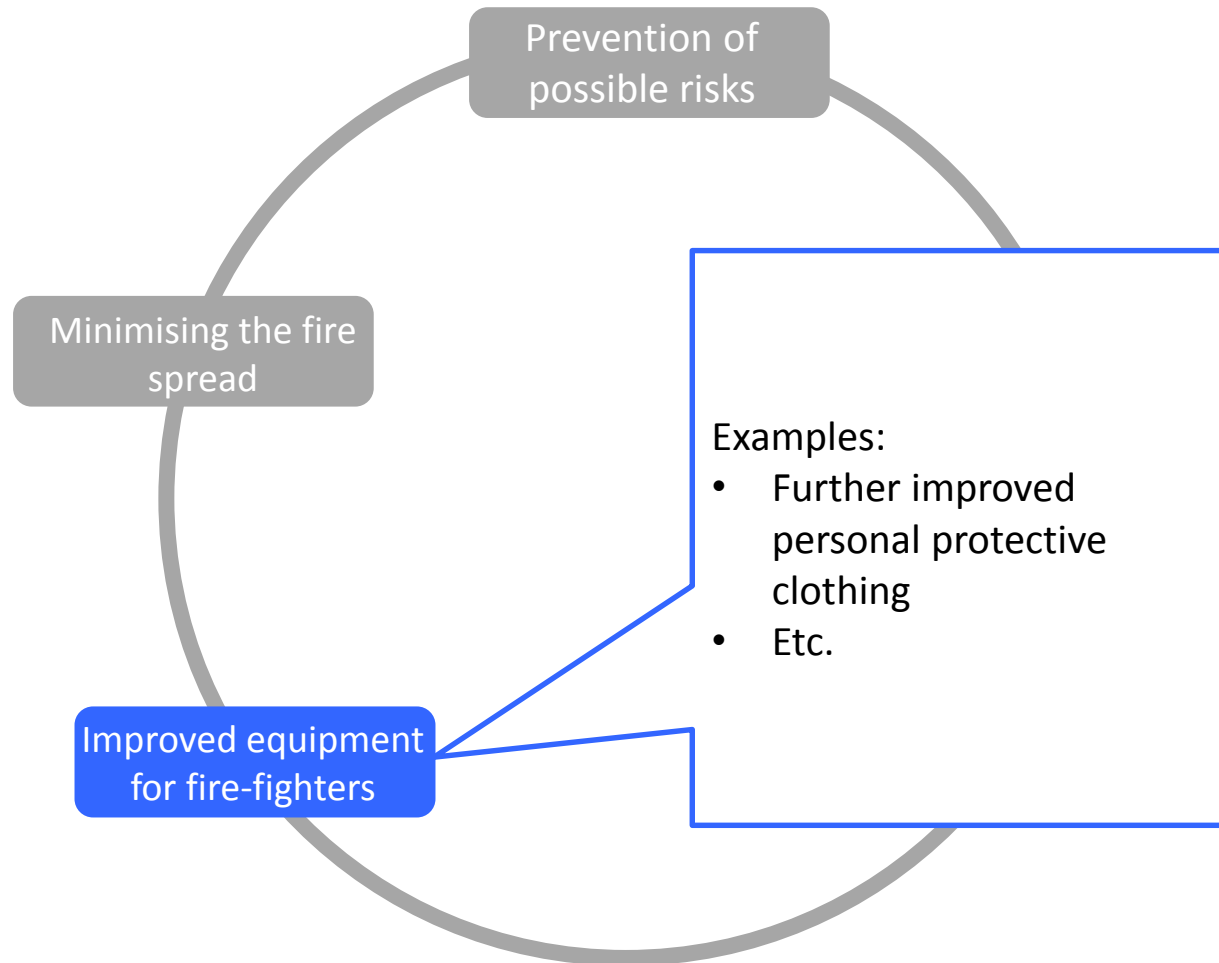


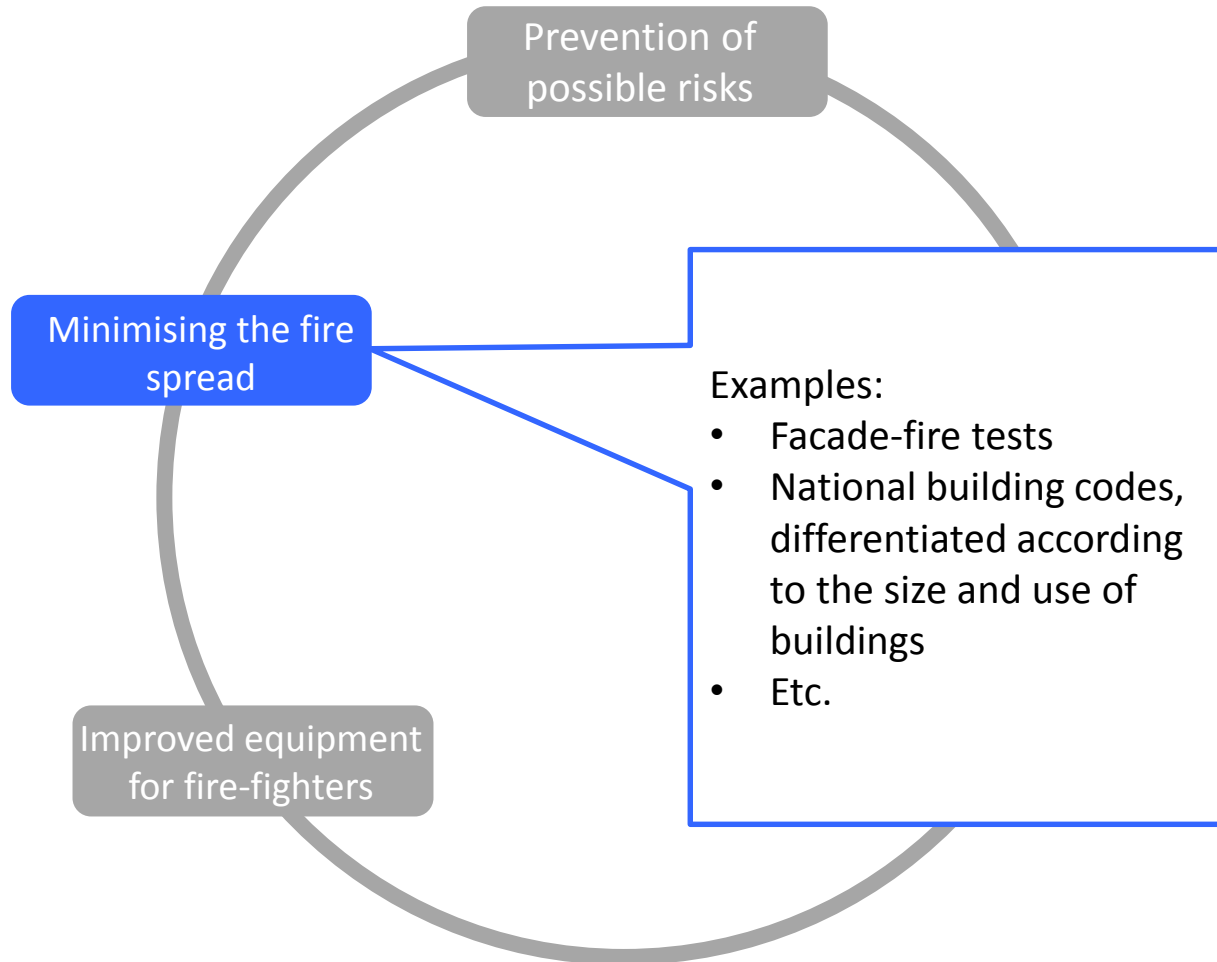












## ■ Basic principles of European legislation to be respected

- Keep basic principles of the Construction Products Regulation!
- European level: elaboration of common technical language, meaning Technical Specifications that ensure that all construction products are assessed according to the same test methods. Test standards shall provide levels and classes related to existing national regulation.
- Member State level: definition of requirements for the construction works
- Otherwise standards would overrule national regulation → clear contradiction to basic principles of the Lisbon Treaty!

- **Different fire-loads to be included to facade-fire test**
  - National regulation in MS today show different requirements → see report of the project team
  - Safety philosophy in MS is different:
    - e.g. the U.K. allow combustible claddings at tall buildings if assessed according to BS
    - e.g. Germany requires incombustible façade claddings for buildings taller than 22 m and limited fire-spread for mid-sized buildings (7 m to 22 m)



Thanks for your kind attention.  
[www.ea-etics.com](http://www.ea-etics.com)