

TNI	Požiarne inžinierstvo v Európe Prehľad národných požiadaviek a aplikácia	TNI CEN/TR 17524 92 0110
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Fire safety engineering in Europe - Review of national requirements and application

Táto technická normalizačná informácia obsahuje anglickú verziu CEN/TR 17524:2020.
This Technical standard information includes the English version of CEN/TR 17524:2020.

Táto technická normalizačná informácia bola oznámená vo Vestníku ÚNMS SR č. 11/20

TECHNICAL REPORT

CEN/TR 17524

RAPPORT TECHNIQUE

TECHNISCHER BERICHT

August 2020

ICS 13.220.01

English Version

Fire safety engineering in Europe - Review of national requirements and application

L'Ingénierie de sécurité incendie en Europe - Revue des exigences nationales et application

Brandschutzingenieurwesen in Europa - Übersicht der nationalen Anforderungen und Anwendung

This Technical Report was approved by CEN on 10 August 2020. It has been drawn up by the Technical Committee CEN/TC 127.

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European foreword

This document (CEN/TR 17524:2020) has been prepared by Technical Committee CEN/TC 127 “Fire safety in buildings”, the secretariat of which is held by BSI.

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CEN/TR 17524:2020 (E)**Introduction**

On 1 May 2001, the Benefeu project started with a consortium managed by Warrington Fire Research (UK) composed of CTICM (activity transferred to Efectis France), DIFT, IST, RUG and TNO (activity transferred to Efectis Nederland).

The programme was financed by the European Commission (EC contract EDT/01/503480).

With a duration of one year, the programme aimed to identify the potential benefit of Fire Safety Engineering in the European Union.

The CEN TC127 WG8 dedicated to Fire Safety Engineering identified a need of updating the work performed within the BENEFU programme as a benefit for European standardization work and European member states.

1 Scope

This document gives an overview of the evolution of regulations and application of Fire Safety Engineering (FSE) in Europe. Based on work performed in 2001-2002, a full update of information has been done. A global survey based on questionnaires defined in 2001, the evolution and possible perspectives of the FSE practices within two perimeters are presented:

- The first perimeter is the same perimeter analysed in 2001 corresponding to the European Union defined in 2001 extended to European countries with European Union agreement (Switzerland, Norwegian and Iceland).
- The second perimeter is the European Union perimeter of 2016 extended to European countries with European Union agreement (Switzerland, Norwegian and Iceland).

Conclusions and initiatives of the 2001 proposals were analysed 15 years after, with and without the extension of European Union. New initiatives have since been proposed.

In addition, the state-of-the-art of Fire Safety Engineering is updated.

2 Normative references

There are no normative references in this document.

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