

International Fire Safety Standards: Common Principles
Safe Buildings Save Lives



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International fire safety standards launch



The International Fire Safety Standards (IFSS) Coalition

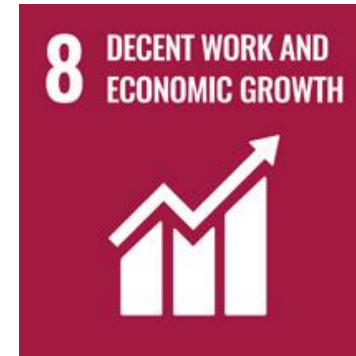
- Launched in July 2018 at the UN, now 80+ bodies
- Aims to reduce confusion in fire safety
- Bring greater consistency globally

Setting minimum levels of fire safety, with a principles framework and professionalism across the world.

See: <https://ifss-coalition.org/>

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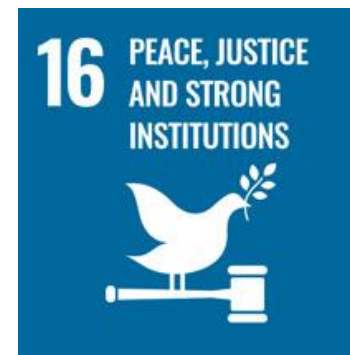
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UN Sustainable Development Goals

Building trust and confidence

Fire safety relates to UN sustainable development goals 3, 4, 8, 9, 11, 12, 13, 16 and 17



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Common Principles Overview

In all stages of a **Building's** lifecycle, sufficient measures shall be taken to implement the following five **Common Principles**:

1 Prevention

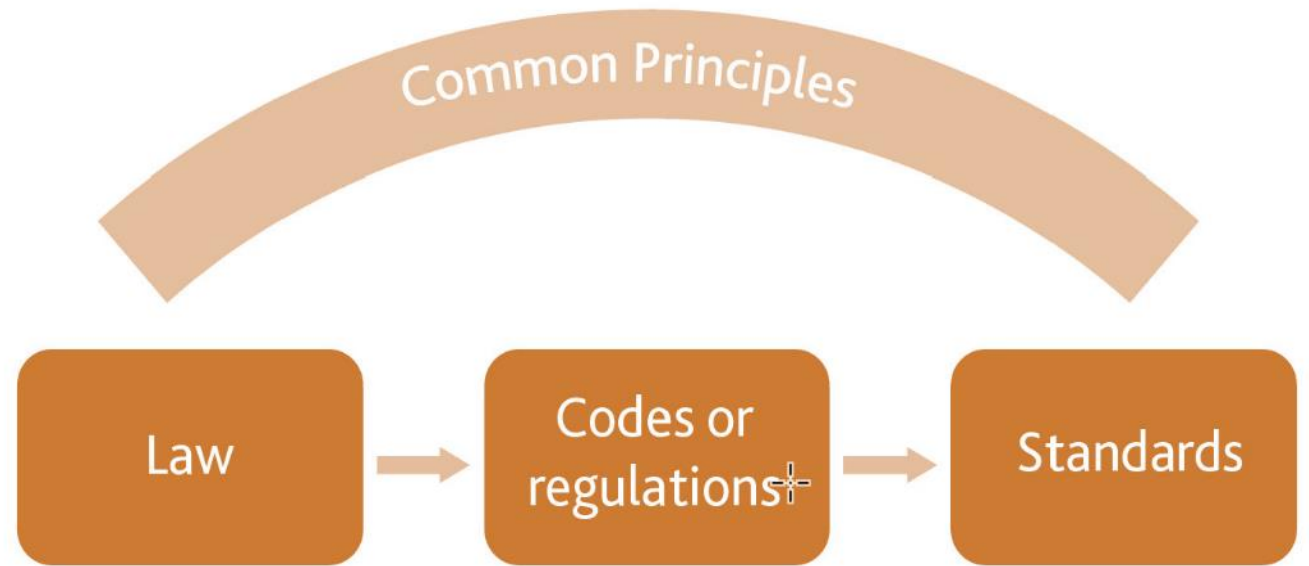
2 Detection and Communication

3 Occupant Protection

4 Containment

5 Extinguishment

IFSS-CP is intended to be flexible and non-prescriptive so that it can be adopted incrementally and will also advance good practice.



Interaction of Common Principles with Law, Codes or Regulations and Standards

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From the Common Principles to the IFSS-CP Framework pt 1

The Common Principles become actionable through the **IFSS-CP Framework**, which enables evidence-based assessment to achieve fire safety engineering design, construction, occupation and ongoing management on a **Building** level. The **IFSS-CP Framework** is the collective application of the **Common Principles**, which apply to different stages in the **Building Life Cycle**.

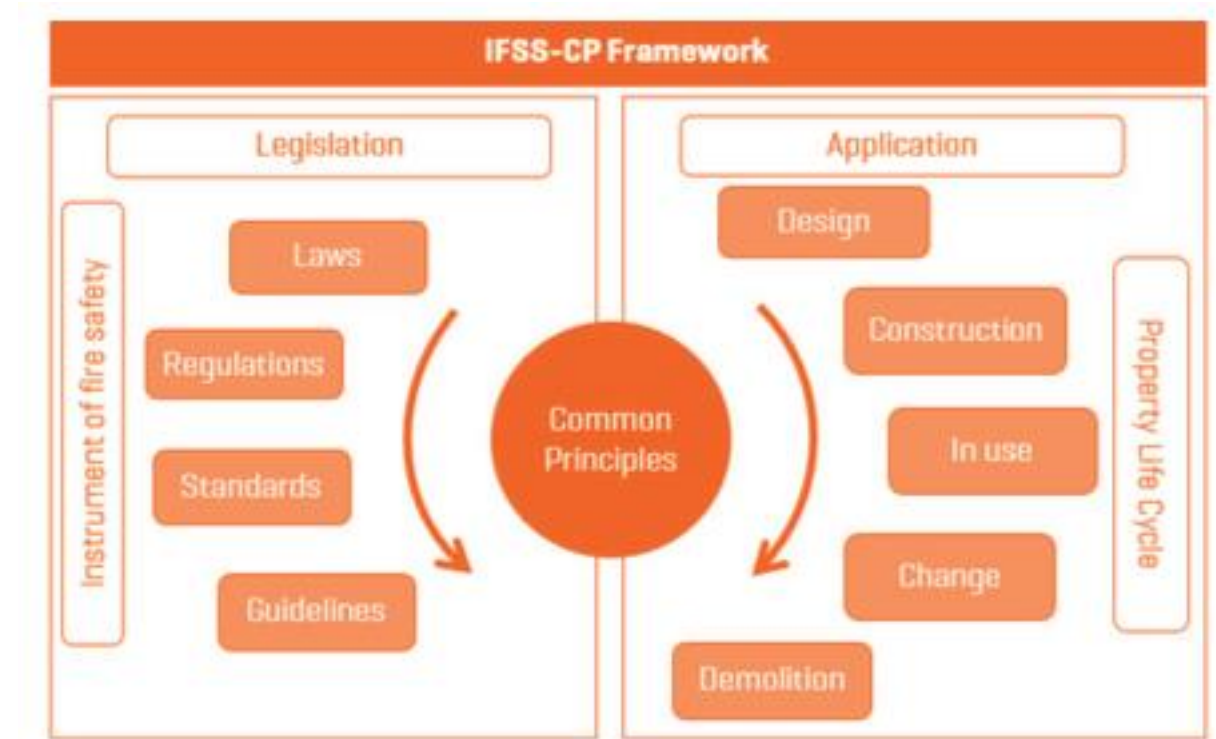


Figure 4: IFSS-CP Framework

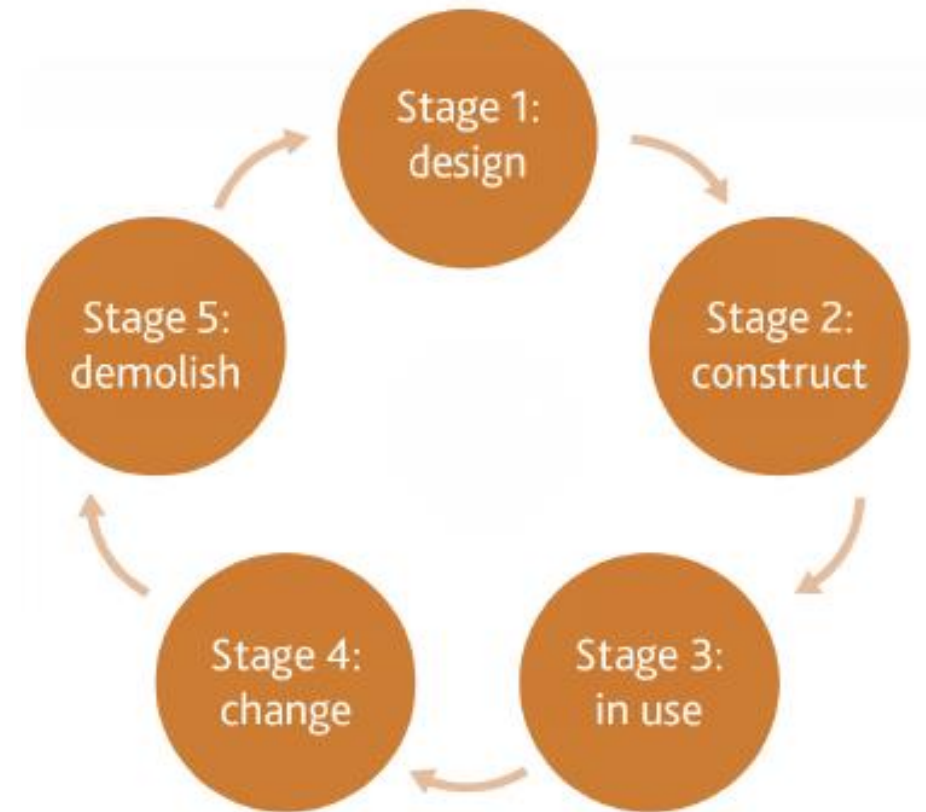
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Property Life Cycle and IFSS-CP Framework

IFSS-CP applies the Common Principles at each stage of the Property Life Cycle, which can be explained in the following five stages:

- Stage 1 – Design
- Stage 2 – Construct
- Stage 3 – In use
- Stage 4 – Change
- Stage 5 – Demolish.



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Next Steps

Further to the publication of the **IFSS-CP**, the **IFSS Coalition** are planning the following next steps:

- A global directory of and roadmap to existing regulatory codes.
- A comparative dictionary for existing fire safety terms used in the IFSS-CP
- A Decade of Action for Fire Safety, to raise awareness, educate, train, and develop fire safety at a global level.

Furthermore, as **IFSS-CP** becomes more widely adopted and implemented across markets, the **IFSS Coalition** are planning to produce a rating system that will enable **Buildings** to display a certificate to show compliance with fire safety. Obviously this work will take some time as it will involve discussions with governments and other regulators and the published **IFSS-CP** will hopefully act as a positive catalyst for these future discussions.



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Thank You

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