

How do science and education systems tackle fire safety challenges connected to new technologies in buildings?



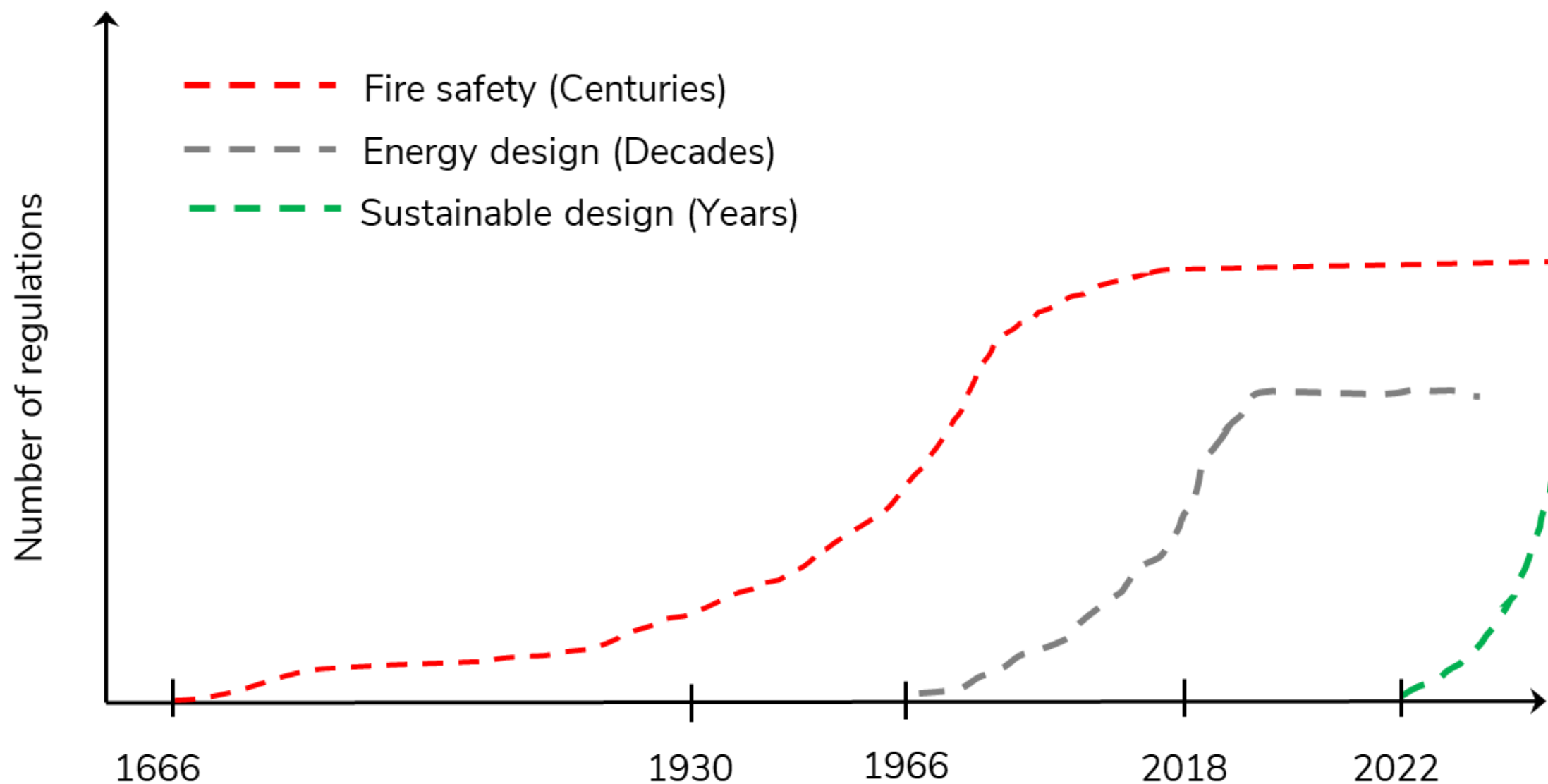
**4th EU Fire Safety Day
Zagreb**

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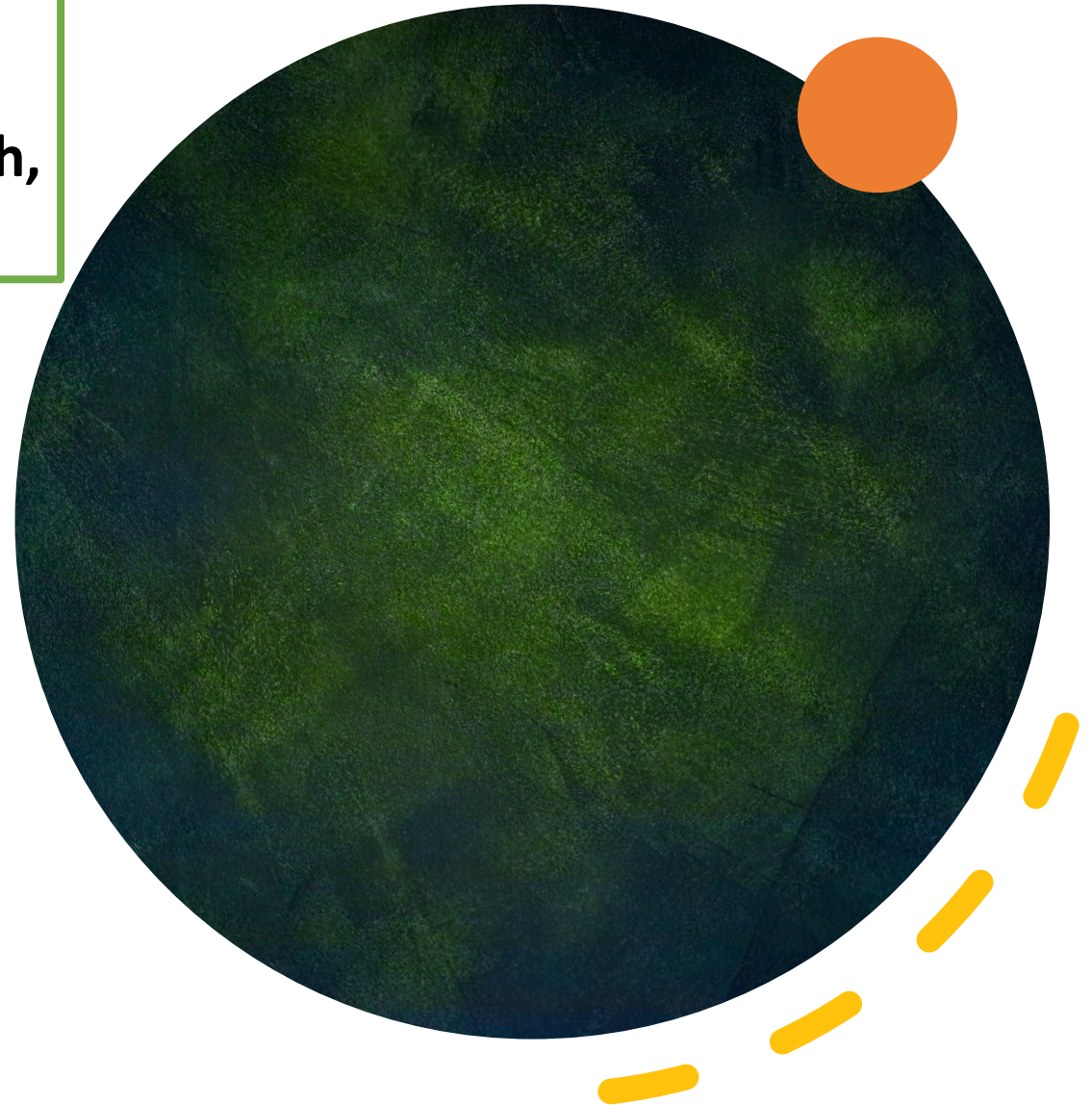


Sustainability consists of fulfilling the needs of current generations without compromising the needs of future generations, while ensuring a balance between economic growth, environmental care and social well-being.

Option 1: As sustainable as possible, then add fire safety measures

Option 2: Fire safety solutions that are as sustainable as possible

Option 3: Optimized, holistic sustainability design



“When you invent a new technology, you uncover a new class of responsibility, and it's not always obvious what those responsibilities are.”



Fire safety research is essential for Europe to reach the goals set forward with respect to energy, climate, transport, and sustainability

- Innovation leads to risk – this is normal
- When the risk becomes too big, intervention is needed
- This is where we are **NOW**
- To ensure that innovative solutions are safe, performance-based design is a necessity because prescriptive solutions are not created with sustainability in mind
 - We need data – so we need RESEARCH
 - We need competence – so we need EDUCATION
 - Combined, these can be used to obtain **informed decisions** to reduce the fire risk

The solution – wide stakeholder commitment

Concerted effort – working WITH each other, not ‘for’

Education and
Training

Competence
requirements

Dissemination
of knowledge –
across borders

Regulation

Guidelines

Research