

TWINNING PROJECT ACHIEVING THE HIGHEST SAFETY AND TECHNICAL QUALITY OF CONSTRUCTION





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Introduction to Eurocodes A global view - Present and Future

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Eurocodes: A global view - Present and Future Development of the present generation of Eurocodes



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Eurocodes: A global view - Present and Future Execution, material, product, test Standards



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Legislation and Standards (EU and National Level)





The Eurocodes in 2010 and beyond : the main strands



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FURTHER DEVELOPMENTS OF EUROCODES

- New materials
- New concepts and/or requirements
- New societal needs



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Eurocodes: A global view - Present and Future PRESENT ORGANIZATION OF CEN/TC250







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THE CONSTRUCTION PRODUCTS REGULATION

ANNEX I

Basic works requirements

Construction works as a whole and in their separate parts must be fit for their intended use.

Subject to normal maintenance, basic works requirements must be satisfied for an economically reasonable working life.









Basic works requirements

- **1. Mechanical resistance and stability**
- 2. Safety in case of fire
- 3. Hygiene, health and the environment
- 4. Safety in use
- 5. Protection against noise
- 6. Energy economy and heat retention
- 7. Sustainable use of natural resources









7. Sustainable use of natural resources

The construction works must be designed, built and demolished in such a way that the use of natural resources is sustainable and ensure the following:

- (a) recyclability of the construction works, their materials and parts after demolition;
- (b) durability of the construction works;
- (c) use of environmentally compatible raw and secondary materials in the construction works.









CEN/TC250 objectives In a few words

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- Extension of the use of the Eurocodes for the competitiveness of the European design and construction companies
- Simplification of the dialogue between actors of the construction industry
- Evolution of the existing Eurocodes :
 - more performance-based codes
 - even more transparency to reach or to differentiate the required reliablity levels
 - tightened links with research.
- Tools to stimulate innovation
- Towards a « harmonized » European regulatory system (?)









