



Eurocodes

Background and Applications

Design of **Steel Buildings**
with worked examples



16-17 October 2014
Brussels, Belgium

The present and the future of the Eurocodes

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Chairman, CEN/TC 250

Organised and supported by

European Commission

DG Enterprise and Industry
Joint Research Centre

European Convention for Constructional Steelwork

European Committee for Standardization

CEN/TC250/SC3

Joint
Research
Centre

Content

- Welcome
- Background
- Implementation
- Future developments
- Final remarks



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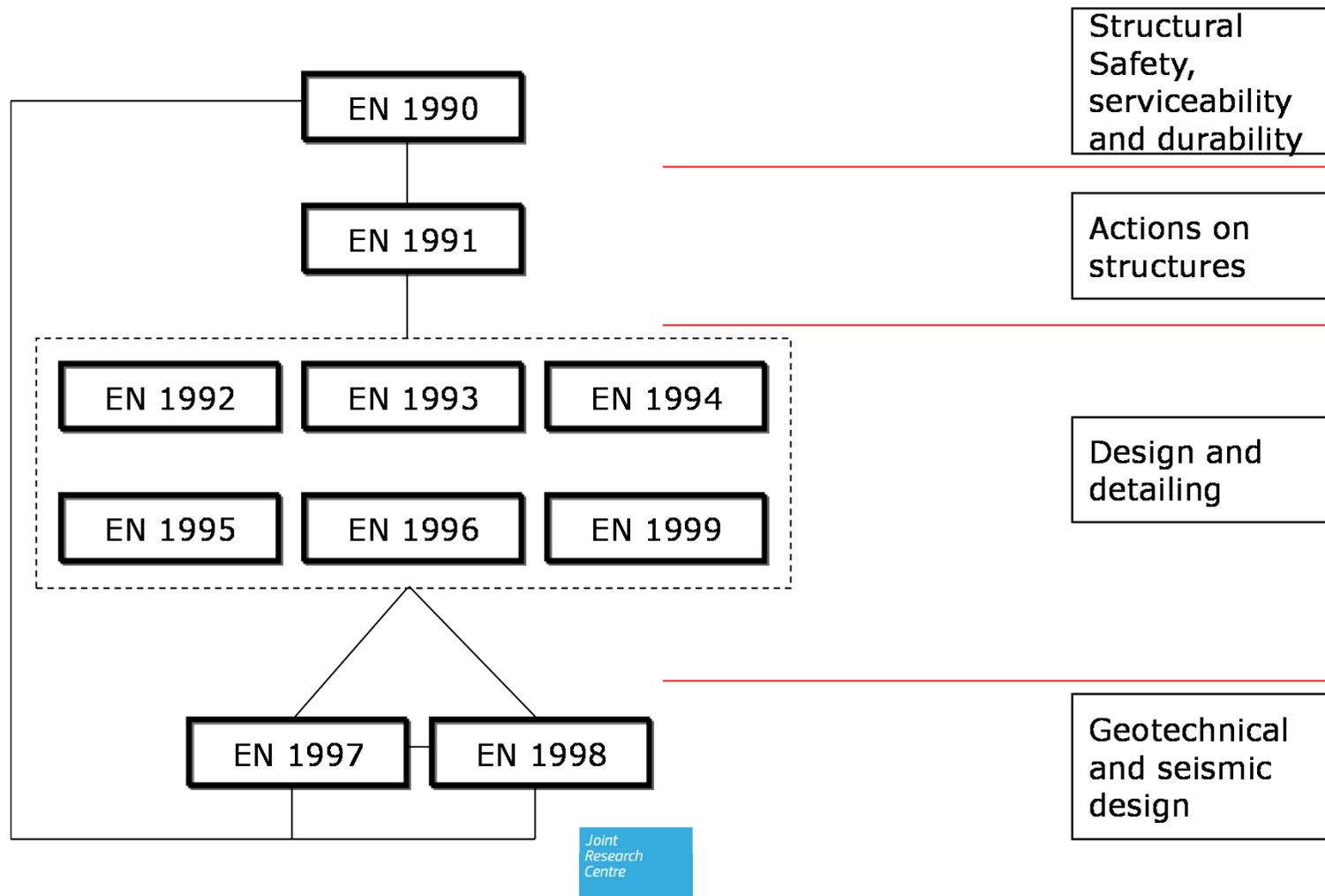


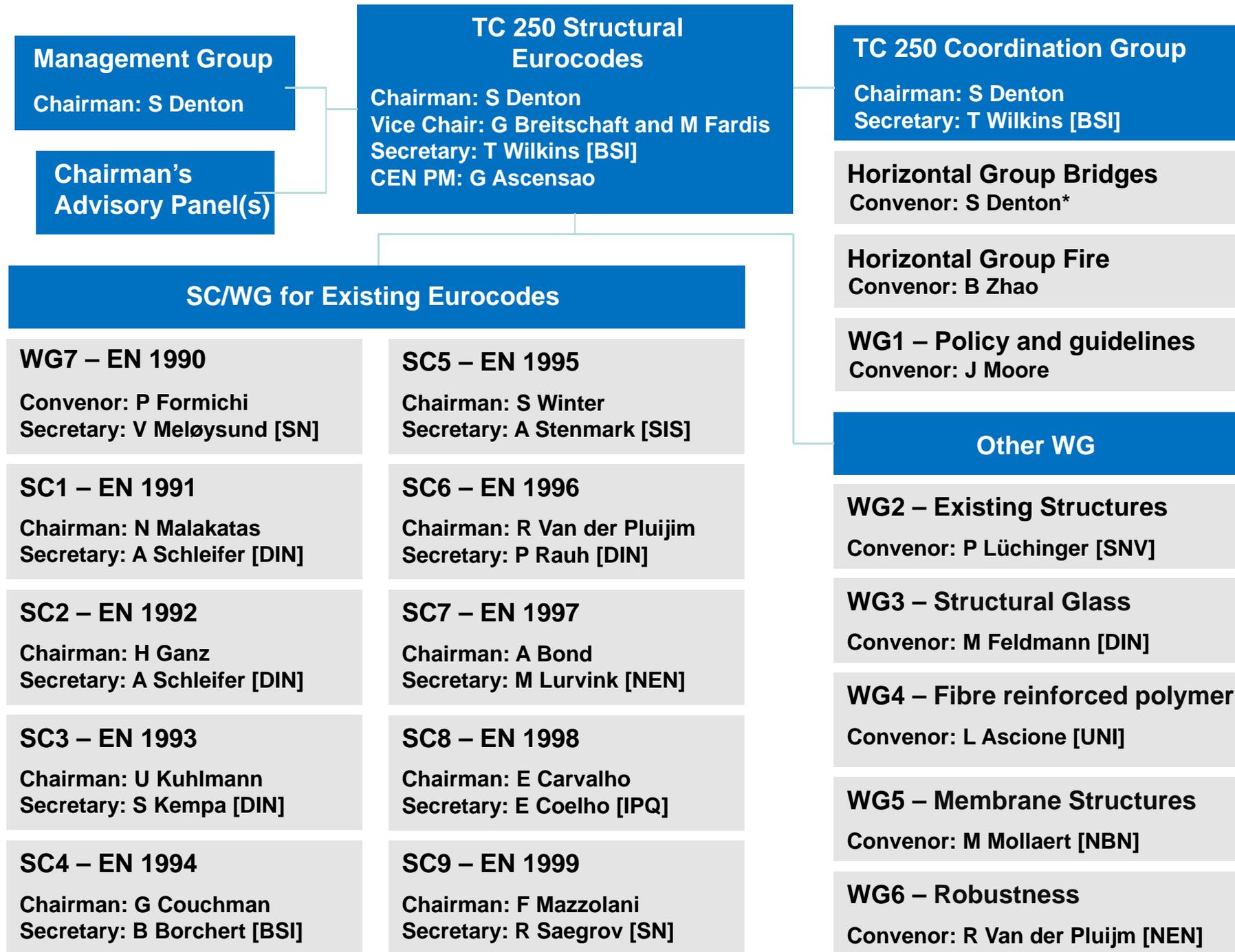
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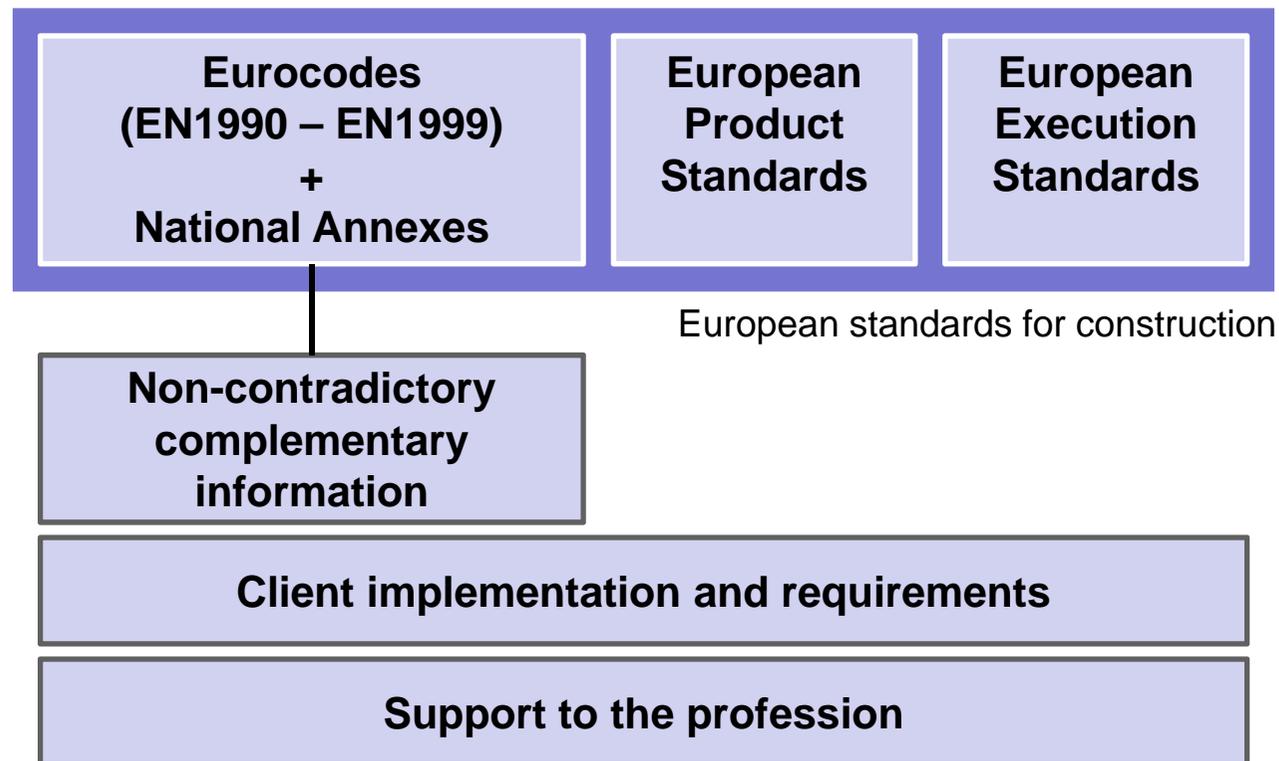


Eurocodes: 10 Standards in 58 Parts for Structural and Geotechnical Design





Understanding Eurocode implementation



Content

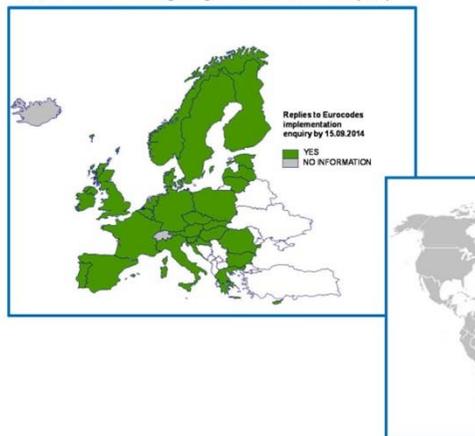
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Are/will be the Eurocode

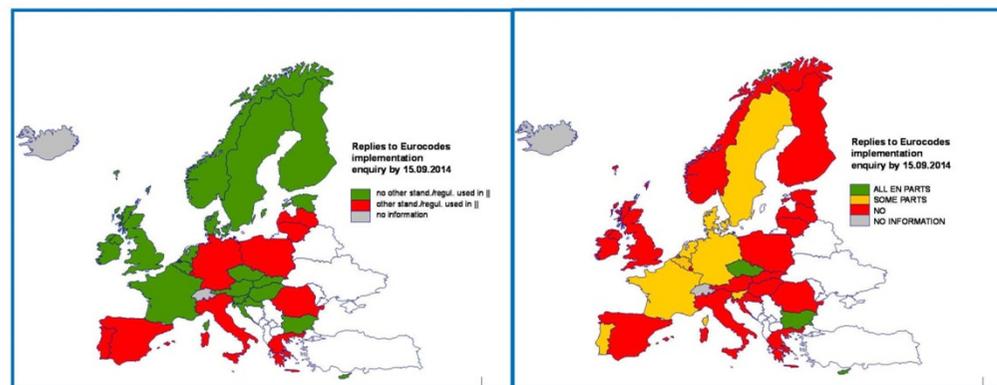
EU/EFTA MS: on-going Commission enquiry



Source: European Commission



Eurocodes implementation



No other standards/regulations (will be) used in parallel

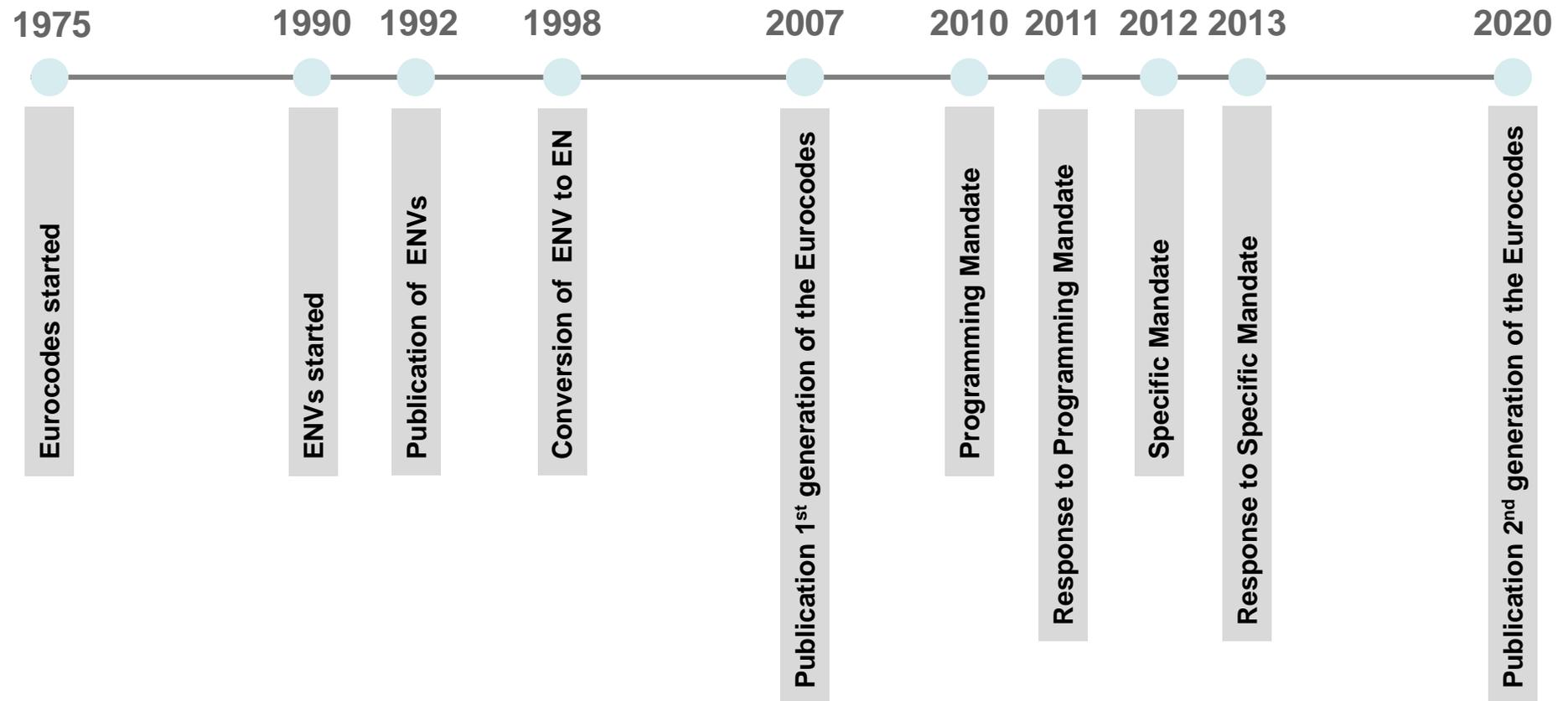
Are/will be the Eurocodes obligatory?

Content

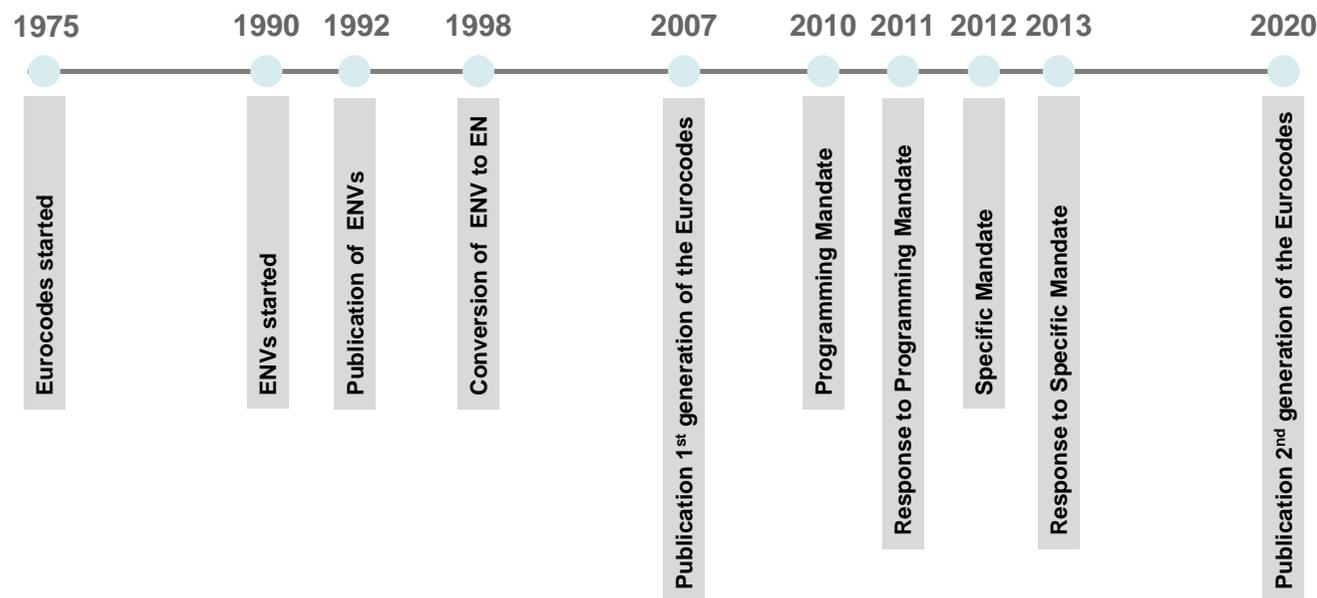
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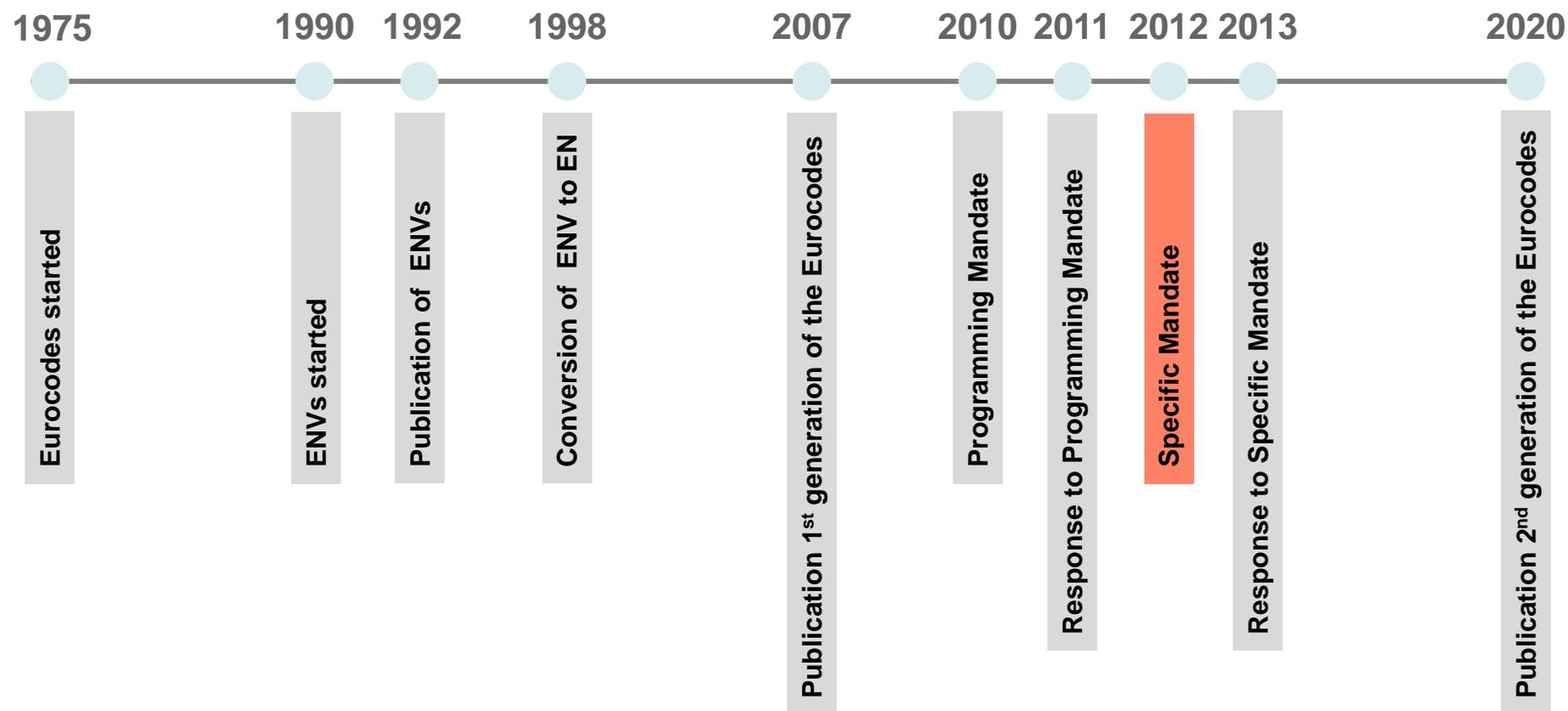
Timeline



There will be a period of stability for the published Eurocodes until 2020



Timeline



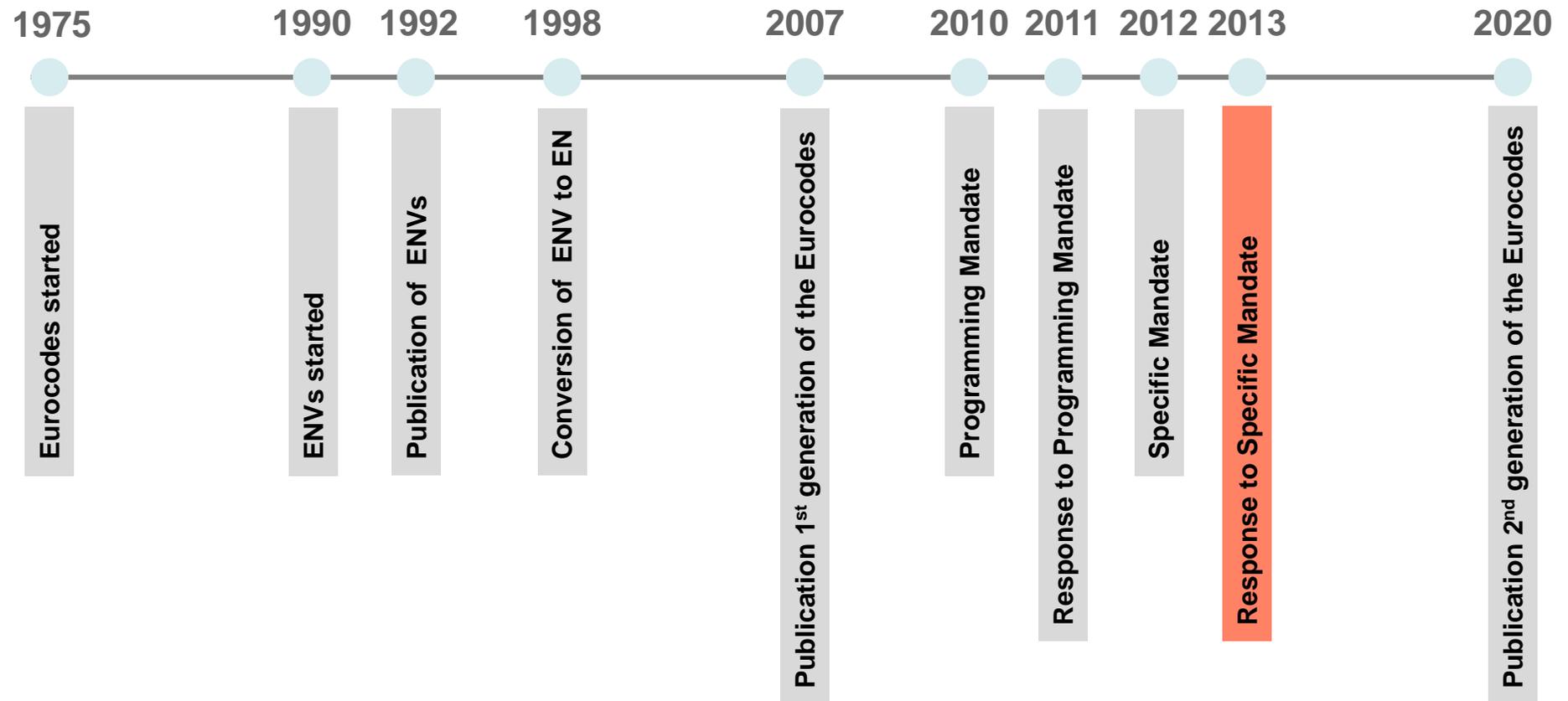
Specific mandate



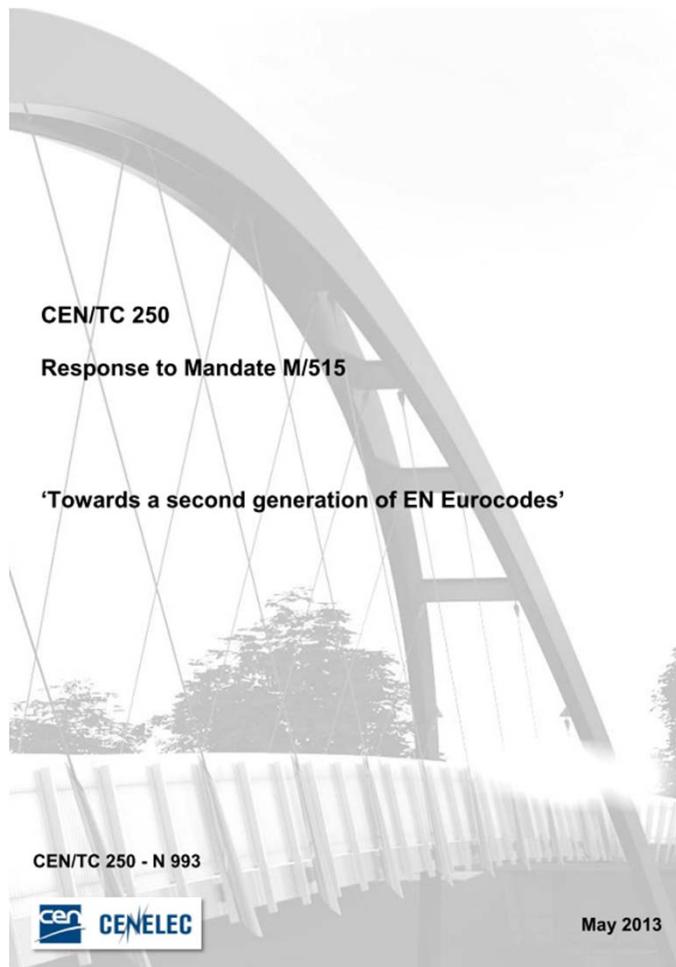
Eurocodes development should:

- Encourage innovation
- Take into account new societal demands and needs
- Facilitate the harmonisation of national technical initiatives on new topics of interest for the construction sector
- Enhance user-friendliness

Timeline

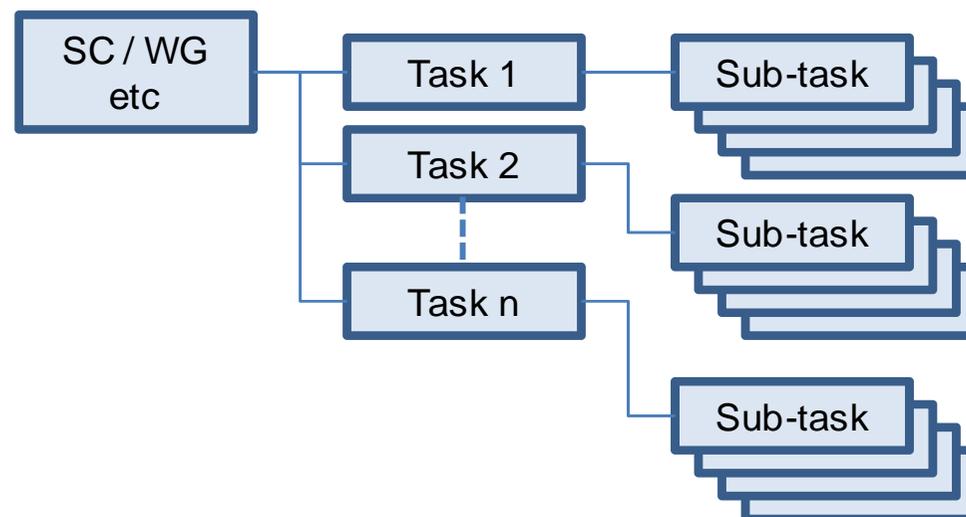


Response to mandate

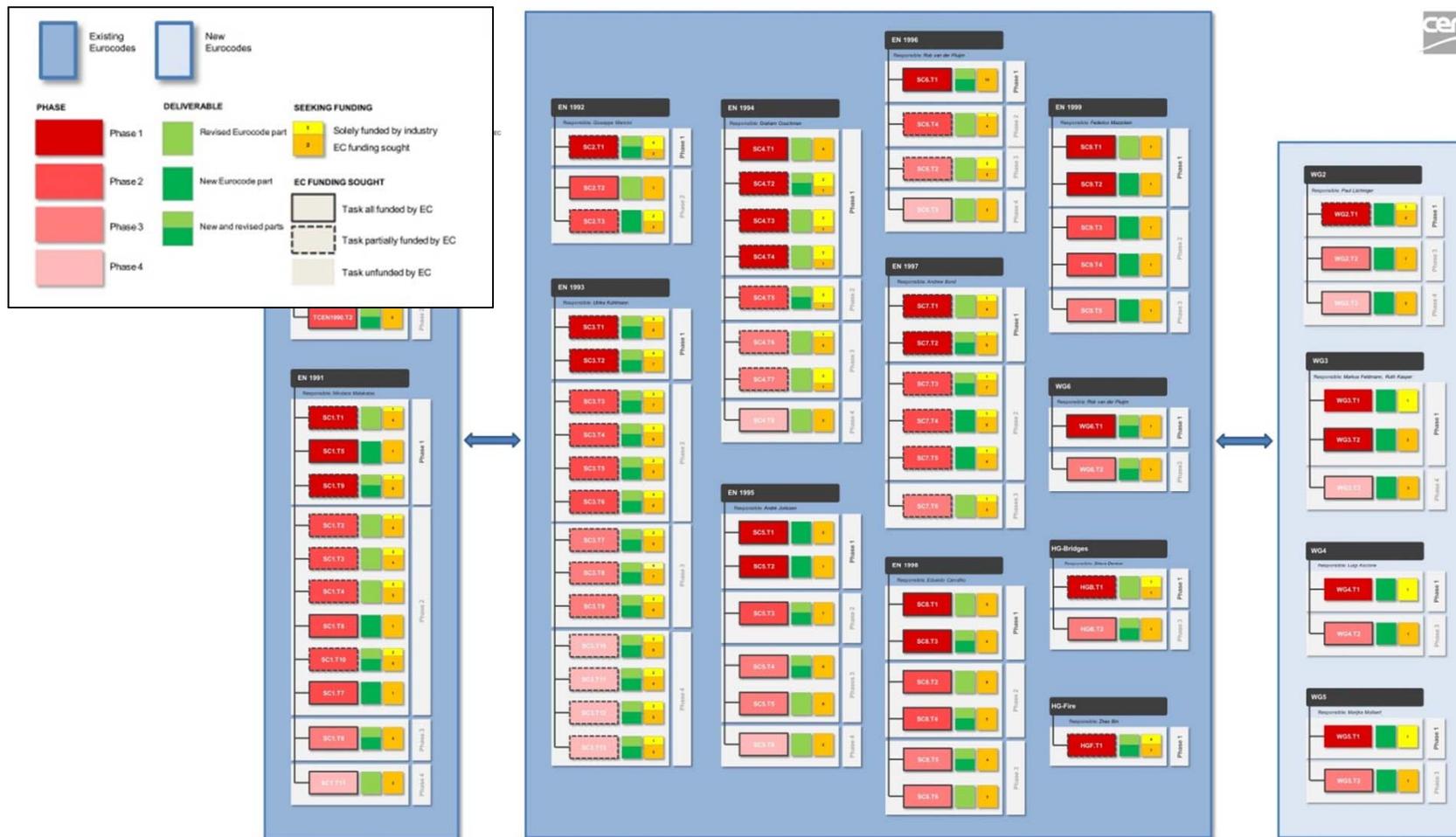


- 138 pages
- Over 1000 experts from across Europe involved
- Structure of tasks and sub-tasks
- Phased programme

Structure of tasks and sub-tasks

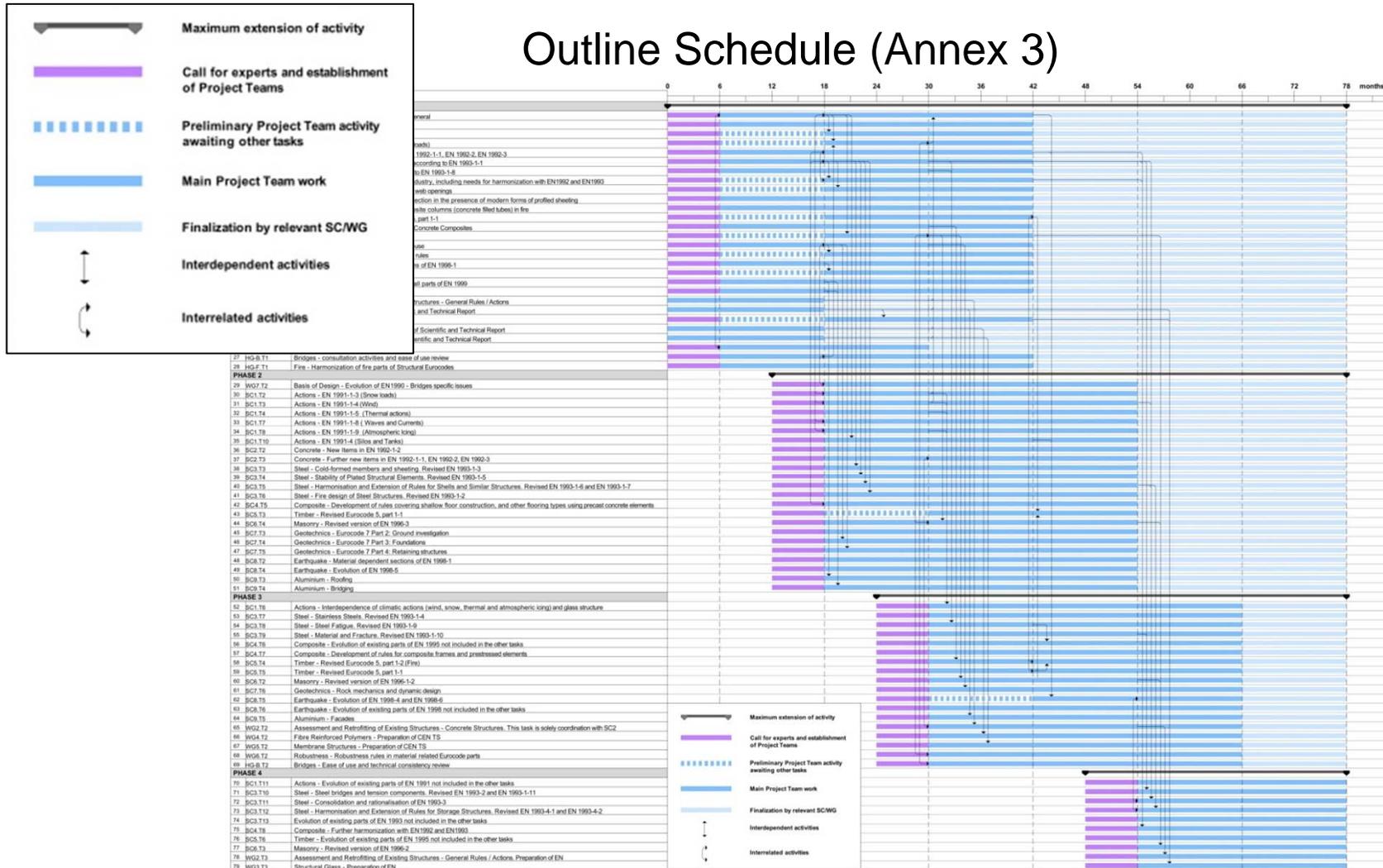


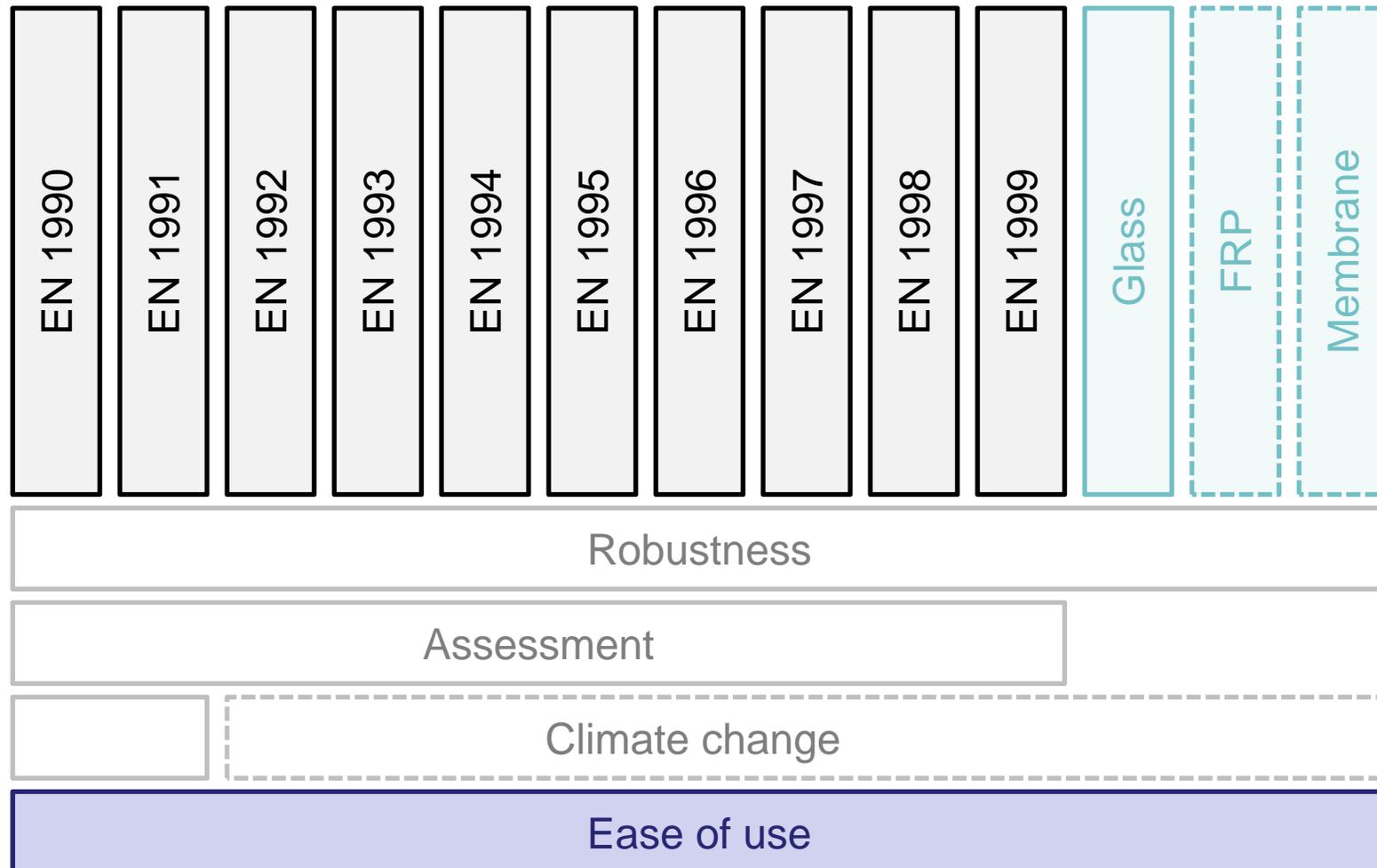
Overall structure of work programme (Annex 2)



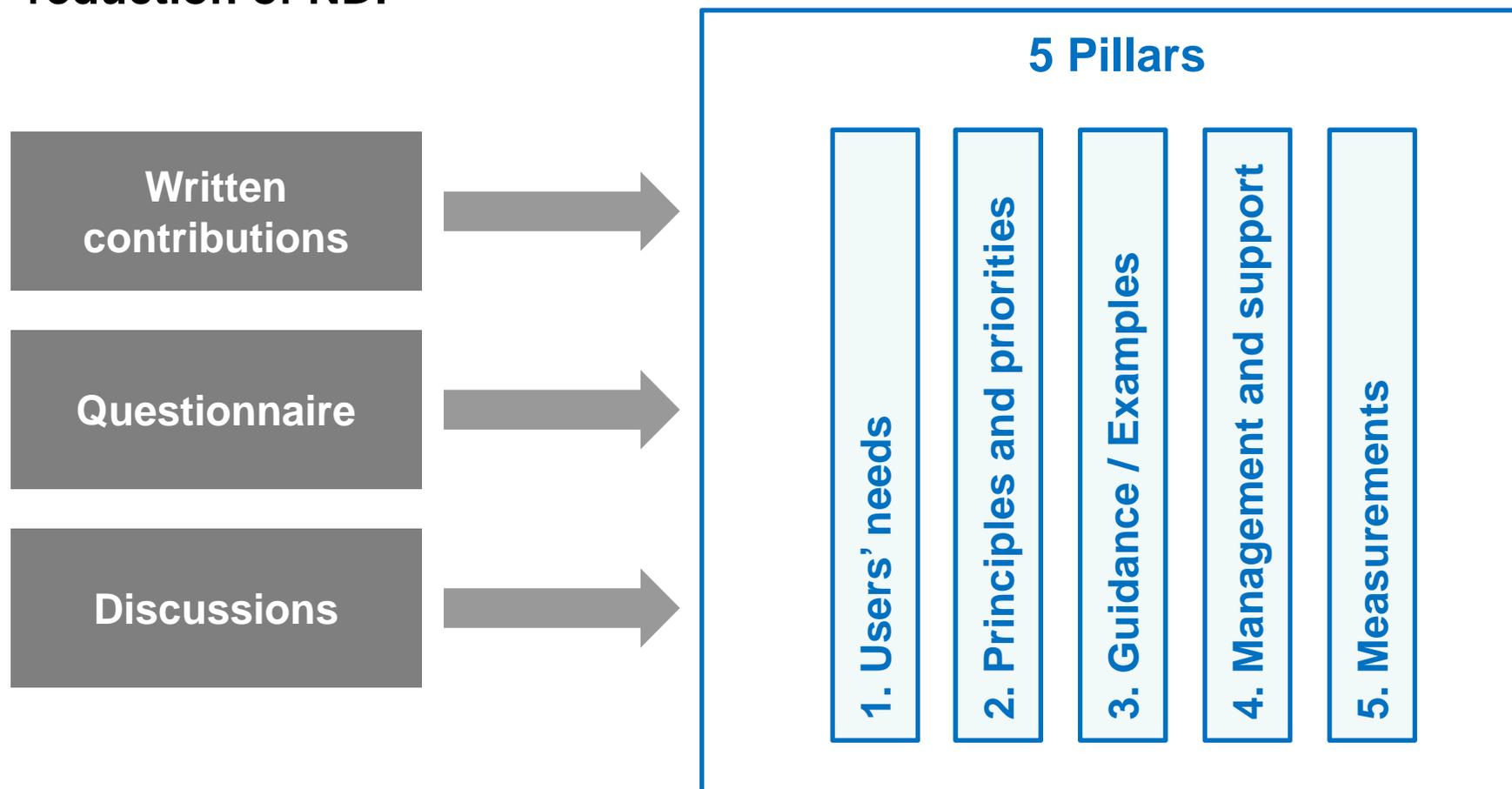


Outline Schedule (Annex 3)





Chairman's Advisory Panel on 'Ease of use and reduction of NDP'



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