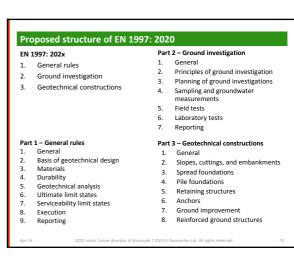
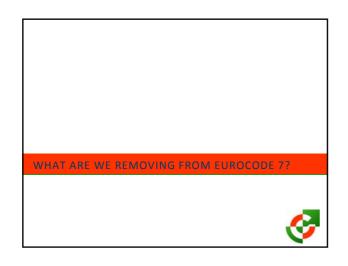


## Planned changes for EN 1997: 2020 Restructure Eurocode 7 to ... • Make the code easier to navigate • Harmonize the contents with other Eurocodes • Make space for new topics Improved guidance on... • Selecting characteristic ground parameters • Selecting design water pressures • Applying Eurocode 7 to numerical methods • Rock mechanics and dynamic design Improve ease-of-use... • Improve the clarity of existing clauses • Remove repetition • Remove 'useless' information





Eurocode 7's existing Design Approaches

Ground strength is verified using ONE of THREE different Design Approaches (DAs). Each DA uses a different set of partial factors  $E_{ij} \leq R_{ij}$ Design Approach 1: A1 "+" M1 "+" R1 (Combination 1) A2 "+" M2 "+" R1 (Combination 2)...except for piles, when: A1 "+" M1 "+" R1 (Combination 1) A2 "+" (M1 or M2) "+" R4 (Combination 2)Design Approach 2: A1 "+" M1 "+" R1...except for slopes, when the A1 factors must be applied to effects of actions
Design Approach 3: (A1 \* or A2 †) "+" M1 "+" R1 (Combination 1)...\*on structural actions and †on geotechnical actions

