The second-generation Eurocode 7 (EN 1997) for geotechnical design is scheduled for implementation by March 30, 2028, replacing the first-generation standards. It features a three-part structure—General Rules, Ground Investigation, and Geotechnical Structures—covering new areas like reinforced fill, soil nailing, and ground improvement.

Key Aspects of the 2028 Transition

- **Structure:** The new Eurocode 7 is divided into Part 1 (General Rules), Part 2 (Ground Investigation), and Part 3 (Geotechnical Structures).
- **Timeline:** A coexistence period operates between 2023–2026 and March 30, 2028, during which both generations can be used before the old standards are withdrawn.
- **Technical Changes:** Includes expanded coverage of rock bolts, ground improvement, and more robust guidance on ground models and numerical methods.
- **Design Approaches:** The second generation aims to harmonize design procedures across Europe, reducing reliance on the various design approaches used in the first generation.
- **Implementation:** National Annexes will be required to define specific national parameters, similar to the previous generation.

It is recommended to start transitioning to the second-generation Eurocodes before the 2028 deadline to familiarize teams with the new procedures.