

- **CEOS.fr, a French National Research Programme (2008-2011) :**
 - Budget 8M€, 40 members :
 - *Companies* : EDF, Vinci, Eiffage, Bouygues, Areva, Solétanche-Bachy, Italcementi, Iosis, Setec, Co&B, Arcadis, Oxand, Neacs, Advitam, Sites, Chryso, Rincent, Saipem, PX-Dam,...
 - *Lab. & Institutions* : LCPC, CSTB, CEA, IRSN, ANDRA, ATHIL, CERIB, CEBTP, LERM, CETU,...
 - *Universities* : ENS Cachan (LMT), INP Grenoble (3S-R), Insa Toulouse (LMDC), EC Nantes (GEM), U. Pau (Lasagec), Polytech' Lille (LML),...
- **Aims :**
 - at dealing with the control of cracking (a major concern for durability and sustainability), in particular for special works (specific use, specific shape and size, specific requirements for loading or durability...)
- **Subjects :**
 - Cracking under monotonic loadings
 - Behaviour under coupling loadings (THM)
 - Cracking under cyclic and seismic loadings
- **Approaches :**
 - Experiments on large specimens
 - Numerical modelling
 - Elaborated by engineers-practitioners
- **International connection :**
 - International benchmark (inscription until 15/06/10)
 - European network under construction

