



The Engineer's view

The Use of Dispute Boards in Europe: Expectations, Concerns and Experiences

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- Key Figures **Construction**
- 12% of GDP in Austria
- 1200 billion EURO in Europe (10%)
- 22 Million Jobs
- 60% New Construction
- 40% Retrofit and Adaptation
- Shortage in Engineers
- IT use underdeveloped
- Dependent on Politics



- Central Europe has rather small or medium Consultants (different from UK or Denmark)
- Relationships are still dominant
- There is not only a Project Culture to be considered
- Nevertheless there are drastic changes ante portas
- The employers are changing their structure and approaches
- The traditional ZT (civil engineer) disappears
- Competences are extended
- Specialists appear, Projects become more complex
- There is a trend towards larger integrated units
- Willingness towards confrontation increases
- Nevertheless factors outside of a case will still influence our decisions for a long time to come



- The Engineer creates and enables the Infrastructure
- Still maintains an important position in society (in Europe)
- Has a high potential to solve problems
- Acts interdisciplinary and integrating
- Is target oriented
- Is a Partner with experience and competence
- Has the will to decide and take responsibility
- Has guts and emotional competence

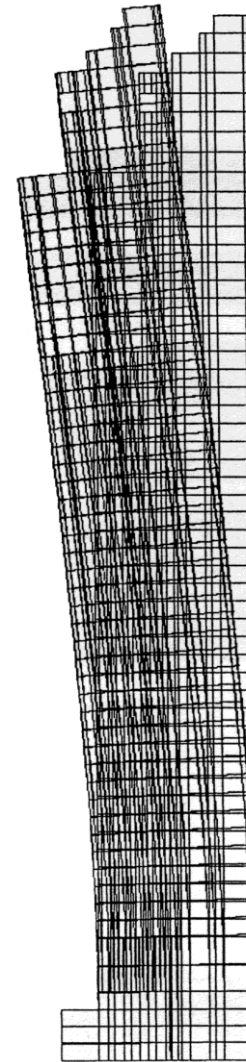
- Is not happy with “non technical” ways of conduct

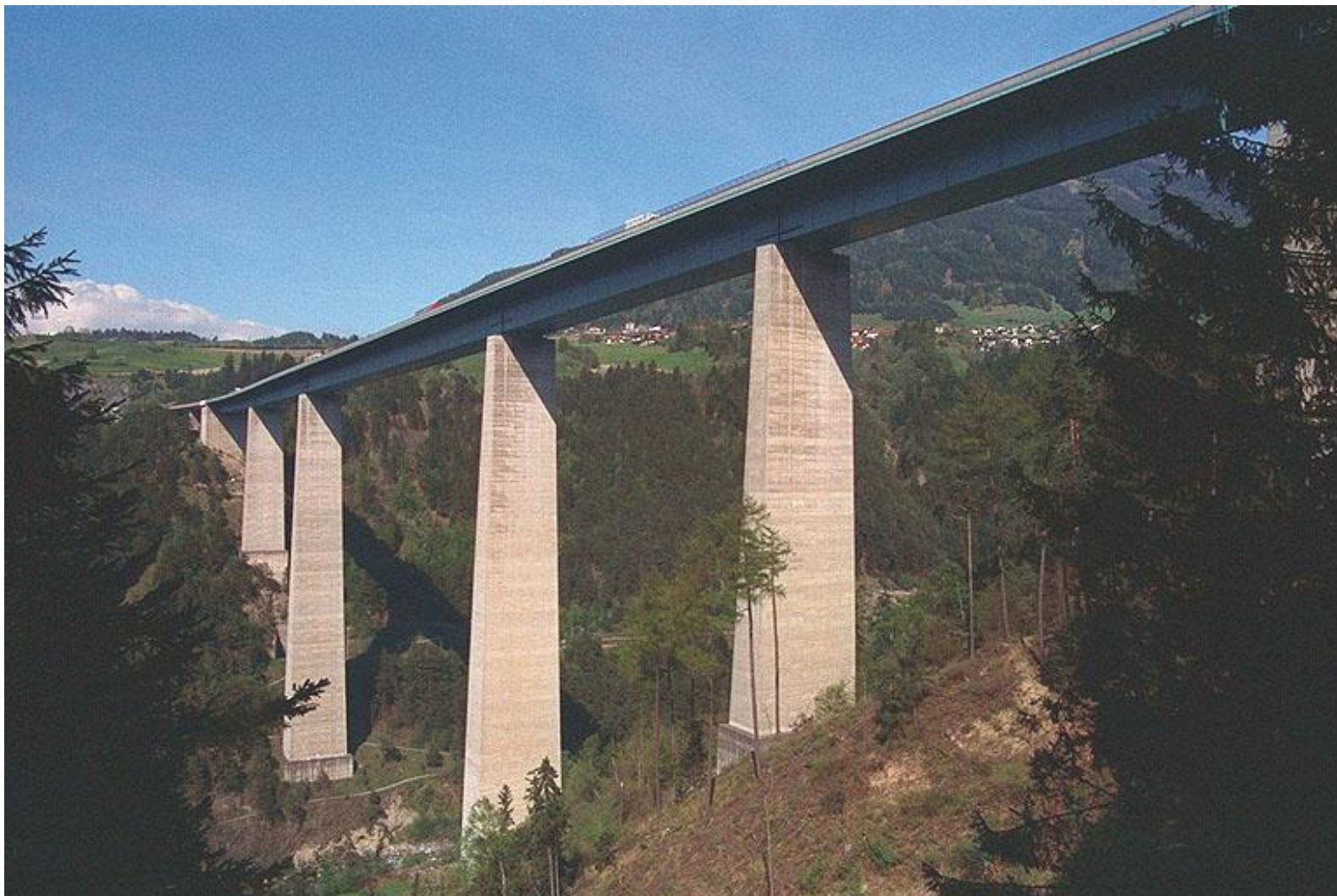
- A DRB without an engineer might face serious opposition

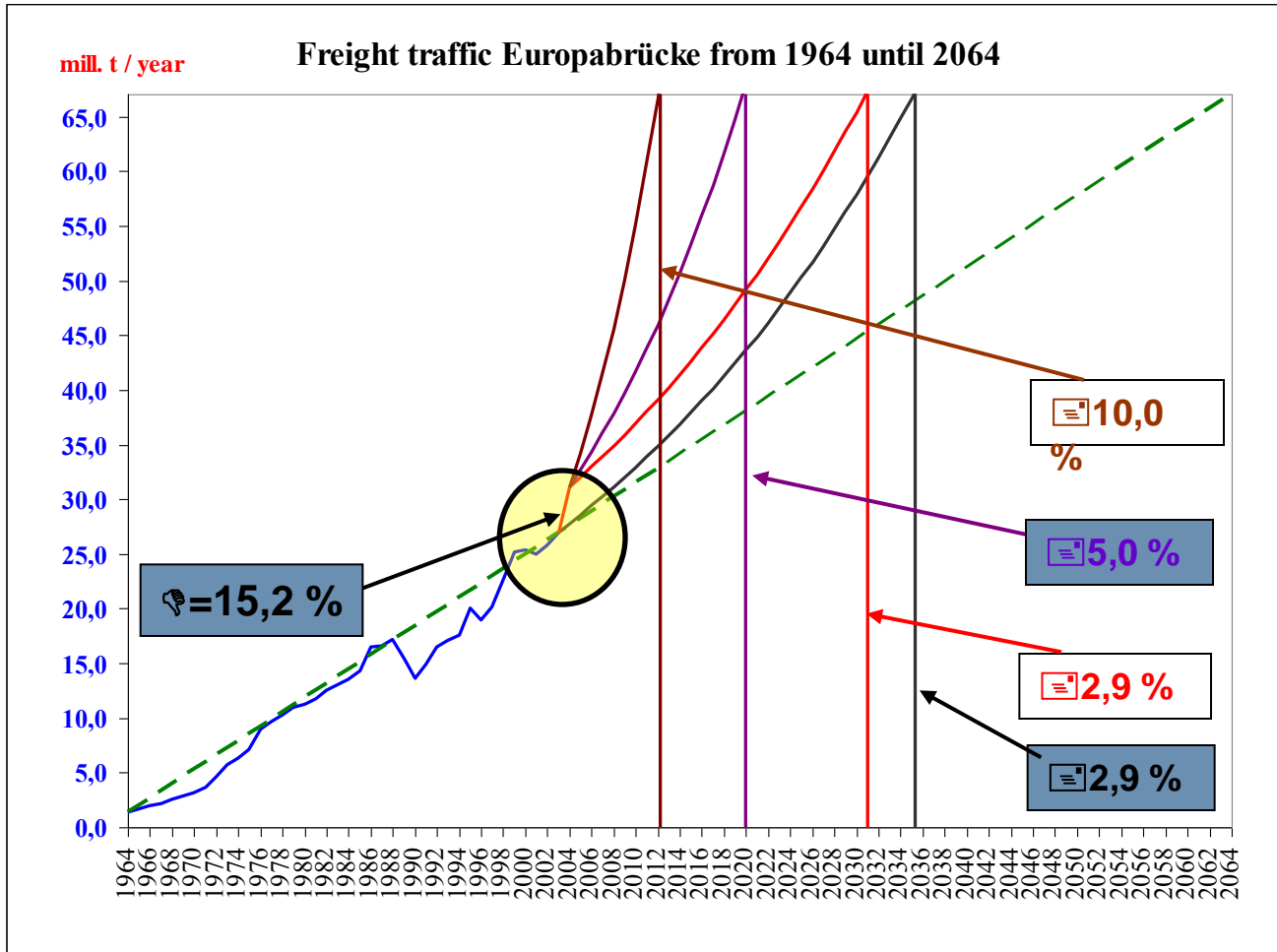
- Construction = Old Economy = Conservative
- Large construction projects are always political
- The objectives often become political and subjective
- The system does not allow brave and visionary actions
- The political environment is not ready for DRBs











Annual Growth

Surge of capacity consumption Europabrücke from 2004-???


Case Histories









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- Central and Eastern Europe is not yet ready for systematic DRB applications
 - There are signs of Change
 - An adapted model for this tradition prone Region might be necessary
 - It will not work without proper integration of the Consulting Engineers