

# Agenda - WP1 Meeting

- 1) Welcome
- 2) Approval of the agenda
- 3) Approval of the minutes of the last meeting in Nantes
- 4) Status - short overview of ongoing tasks, responsibilities and progress (Köhler)
- 5) Technical presentations and discussions
  - 5a) Fatigue (Maljaars)
  - 5b) Eurocodes SC10 (Sørensen)
  - 5c) Environmental Attack (Vrouwenvelder, Andrade, Val)
  - 5d) JCSS/TU1402 guideline (Thöns)
- 6) Decisions on technical tasks until next meeting (what, who and when)
- 7) Suggestions for new tasks (what, who, timeline)
- 8) AOB & Closure

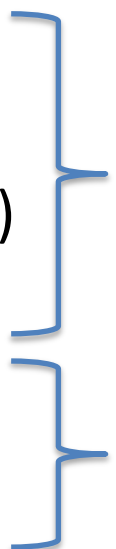
# Present Status

- Part I: Basis of Design (originally drafted by Ostlund, Diamantidis, Vrouwenvelder in 2000)
  - Task group required ! TG1.B
  - Update in regard to
    - Reliability requirements
    - Robustness
  - Extension
    - Reliability methods
    - FEM and reliability analysis

# Present Status

## ➤ Part II: Load Modelling

- 2.0 General – minor revision
- 2.1. Self weight – minor revision
- 2.2. Live loads – minor revision (ongoing)
- 2.12 Snow loads – revision
- 2.13 Wind Loads – revision



TG1.L1

Potential participants:  
Sykora, Markova  
Honfi

TG1.L2

Potential participants:  
Sørensen, Hansen,  
Thiis, Maes, Köhler

# Present Status

## ➤ Part II: Load Modelling

- 2.5 Traffic (**draft to be further dev.**)
- 2.6. Loads in Car Parks (**minor rev.**)
- 2.21 Chemical and Physical actions
- 2.17 Earthquake (**revision**)
- 2.18 Impact (**revision ongoing**)
- 2.20 Fire (**revision if possible**)



TG1.L3

Potential participants:  
Steenbergen, Roth



TG1.L4

Potential participants:  
Vrouwenvelder,  
Baker, ??

# Present Status

## ➤ Part II: Load Modelling

- 2.3 Industrial storage
- 2.4. Cranes
- 2.7 Silo
- 2.8 Liquids / Gas
- 2.9 Temperature II (man made)
- 2.16 Avalanches
- 2.10 Ground
- 2.11. Water



On hold



To be coordinated  
with geotechnics

# Present Status

## ➤ Part III: Resistance models

3.0 General / Material Properties (**minor**)

3.10 Dimensions (**medium**)

3.11 Eccentricities

3.9 Model uncertainties

3.1 Concrete (**medium**)

3.2 Steel Properties (**major**)

3.3 Reinforcing Steel (**major**)

3.4 Prestressing Steel (**medium**)

3.12 Fatigue (**ongoing**)

TG1.R1

Potential participants:  
Vrouwenvelder,  
Köhler, Maes

TG1.R2

Potential participants:  
Caspeele, fib mc

TG1.R3

Potential participants:  
Maljaars, Schubert ...

# Present Status

## ➤ Part III: Resistance models

3.7 Soil (**major**)

3.6 Aluminium

3.13 Glass

3.5 Timber

3.8 Masonry



TG1.R4

Potential participants:  
Vrouwenvelder,  
KK Phoon, Schweikendiek



TG1.R5 ?



Standby

# Terms of reference – Task Groups

- Work on PMC to be formalized by TG
- WP rapporteur and TG leaders coordinate work progress
- Coordination with corresponding activities in other organisation
- Contributors are more visible



# Terms of reference – Task Groups

- Results and report on ongoing activities will be disseminated on the occasion of the biannual JCSS meeting.
- Therefore, documents will be collected and jointly distributed by the WP1 rapporteur.
- Input to the JCSS PMC follow a joint (refurbished) format.

# Outlook – Resources

- Attempt to reactivate old members and invite new members – suggestions are welcome !
- Assess potential for funding (e.g. JRC, Horizon, ...)

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