

EVALUATION OF DIFFERENT METHODS FOR THE DETERMINATION OF THE FREE ALKALI METAL CONTENT IN THE PORE SOLUTION OF CONCRETE

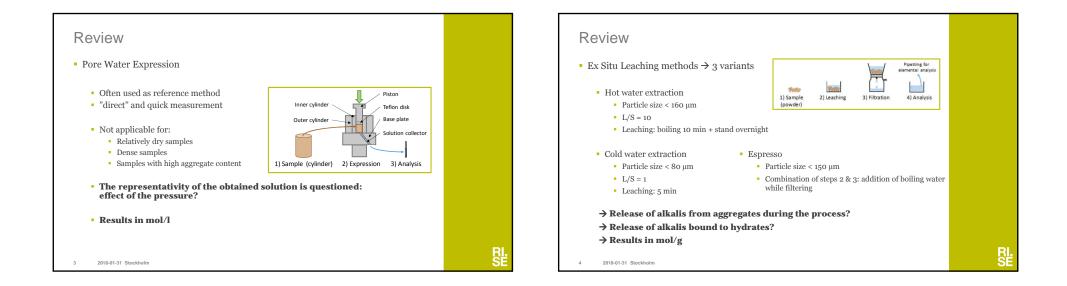
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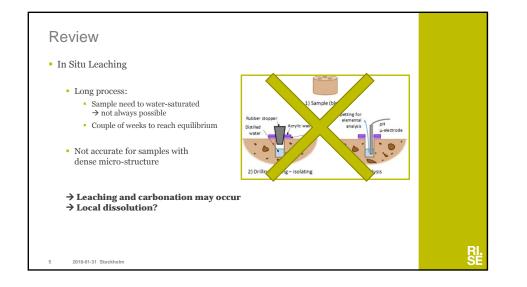
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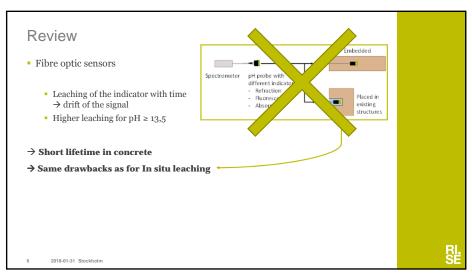
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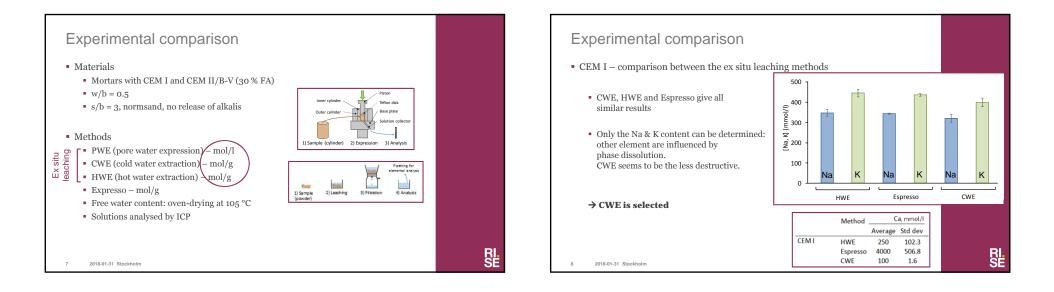


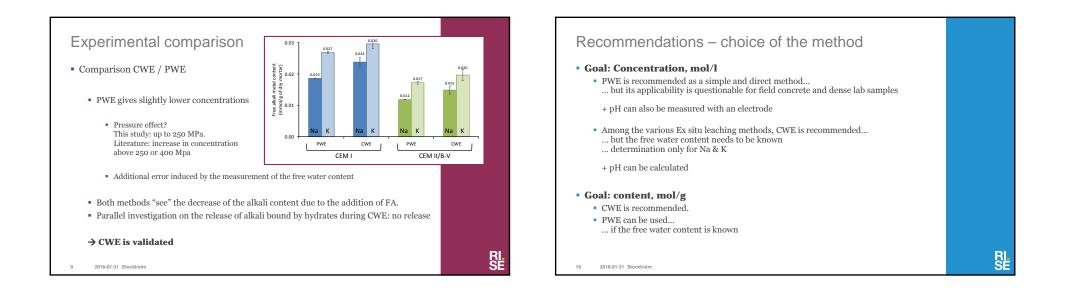




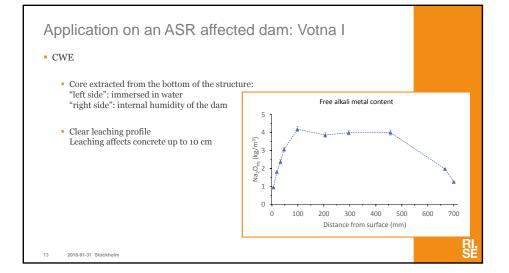


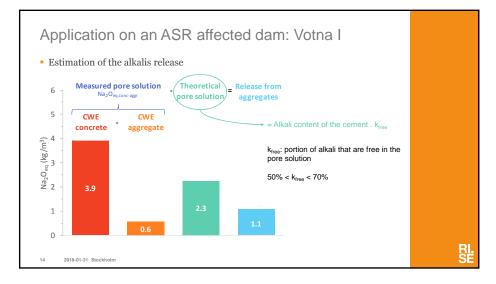


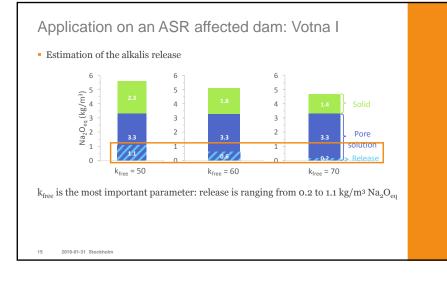












## Conclusions

- CWE & PWE give similar results
  - CWE is recommended if one wants to measure the free alkalis metal <u>content</u>, i.e. mol/g (no need to know the free water content)
  - PWE is recommended for the measurement of concentration, i.e. mol/l
- CWE allows the measurement of profiles
- The alkalis release can be estimated...
  ... but more data on k<sub>free</sub> are needed

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