

## COWI

GeoSyntec Consultant

## presentation outline Overview of reductive dechlorination 1. 2. **Project objectives Description of demonstration site** 3. 4. Pre-design tests Bench treatability tests

- modeling
- 5. Pilot test design and execution
- Results 6.
- 7. Conclusions

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test site: Rugårdsvej 234, Odense, Denmark

























































## conclusions and recommendations if infiltration and back diffusion of cDCE and VC from clay had not occurred, we could have completely remediated sand layer within 1 year at Rugardsvej 234, good ethene generation was observed with biostimulation alone cost of bioaugmentation = 3% of total project cost for this case stimulated reductive dechlorination is a simple and effective technology for Scandinavian sites



