

Geo

Some experiences, and my views on the future with NorGeoSpec



Items

- Intention with implementing NorGeoSpec 2002
- Projects with fabrics. Certificated under NorGeoSpec 2002.
- Old Projects where reinforcement are used, and where NorGeoSpec 2012 would have been useful
- Benefits, Opportunities and Challenges

- Intention with implementing NorGeoSpec 2002
- To increase the Quality of Fabrics
 - Class 3 became class 2 The Homogeneity became better etc.
- To be able to have control over the material that would be delivered
 - Site control, Testing by the road department
- To have a possibility to stop products with bad quality
 - Ability to redraw certificates after control by an accredited organization.



The beginning



E 18 Askim



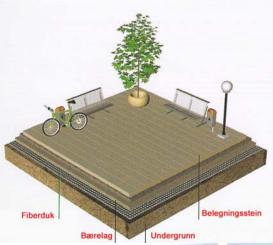
E 18 Grimstad -Kristiansand



Used in other applications than roads.



Used on privat projects





E 18 Askim



Municipal road on Hitra



Municipal road in Bodø



E 6 Østfold



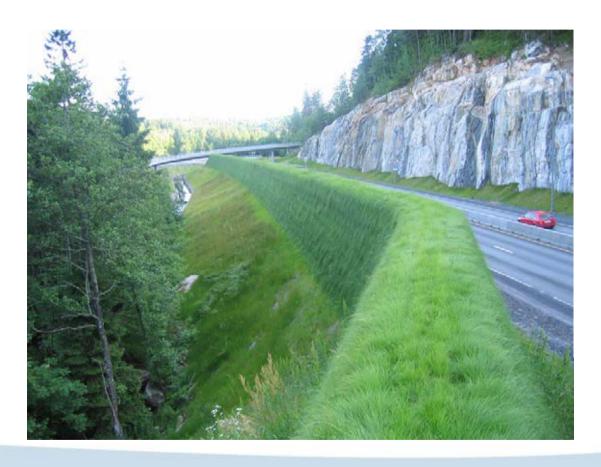
E 6 Østfold and E 18 Askim



Small Privat Wall in Sandefjord



IØS Waste Landfill



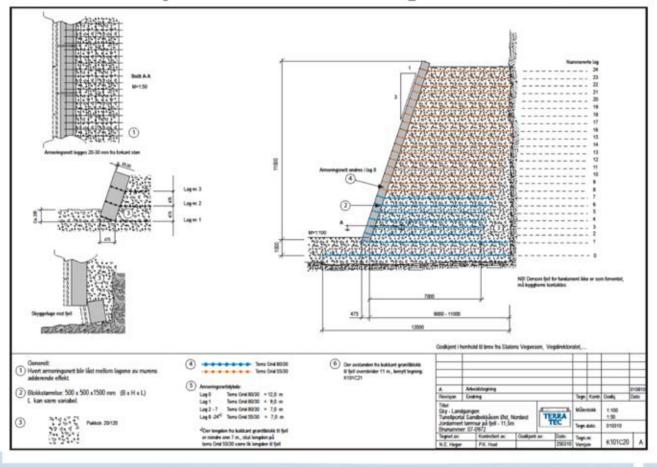
Sound barriere in Akeland E 18



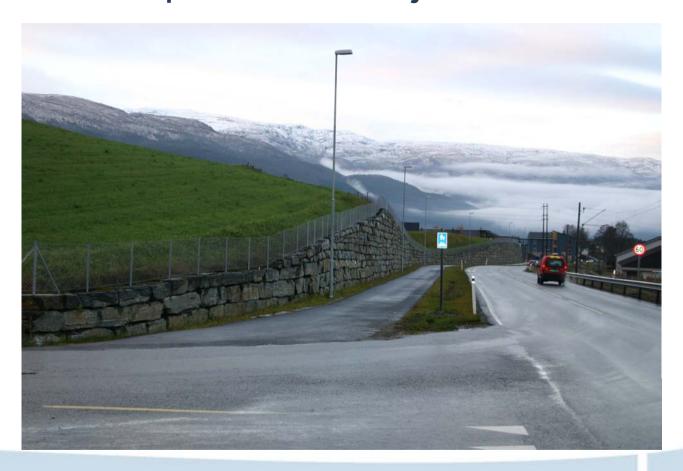
Holmenkollen Ski Jump



E 18 Sky -Langangen



E 18 Sky -Langangen



Voss – Naturell Stone Wall



Ensuring quality is always important

Benefits, Opportunities and Challenges

Benefits

- Better control with the quality
- Easier to find the right product to use
- Fabricks Same quality for all type of constructions
- For Fabrics the producers can concentrate on 5 types for the Nordic and Baltic market
- We are sure that the European norms and CE marking are followed

Benefits, Opportunities and Challenges

Opportunities

- Development of the markets
- Use of more economical solutions
- Possible to have control with the use
- Better support from the System owners on certificated products.
- Easier to have overview of the available products for the contractor.

Benefits, Opportunities and Challenges

Challenges

- Cost of the system
 - ✓ To day the market on reinforcement are to small to absorb this cost.
 - ✓ Price Increase 3% 6%
- Acceptance from the system owner on use of the products
 - ✓ Publically support the use of the system.
 - ✓ Accept the experience that are among the experts on this system





