

**Summary of the
day and
Further work
with
implementation
of GPR –
Technology for
pavement
control.**



TRAFIKVERKET
SWEDISH TRANSPORT ADMINISTRATION

Summary of the day

- I believe we have got information how it works and how we can use GPR technology in the paving industry.
- We have learned from others.
- Good overview how we can use GPR for pavement control.
- Believe it is a tool who can help us to improve the quality of produced pavement.
- GPR can give good information how the pavement varies in compaction in both lengthwise and transverse.

Summary part 2

- We can control the produced pavement and its finish result in a rather early stage.
- Can help paving contractors to find errors in production early during production.
- Can be a part of the quality verification/assurance.
- We need to follow further developments carefully.
- We need to work together between counties, administration and the industry (paving contractors) to have a new system implemented.

Work needed for implementation in paving contracts in the near future.

- Trafikverket Swedish Transport Administration
 - More measurements to obtain more experience and data.
 - Test on 10-15 project with high priority.
 - Development of preliminary test protocol for use 2019.
 - If possible together with Norway and Finland
 - Goal for Sweden Trafikverket purchase 2020 some objects sharp where we use GPR instead of drill cores for control of compaction and maybe homogeneity of pavement.

Work needed for implementation in paving contracts in the near future.

- Evaluate Equipment from different suppliers.
- Follow further developments.
- Exchange experience with other users.
- See opportunities not the obstacles.

More needs in Nordic Countries 2019

- Paving contractors
 - Need to test system by themselves to know more how it works and what the influencing factors are.
 - Work together in a second part of the research program around GPR in Sweden.
 - Give suggestions of different types of paving projects with different kind of pavements for further testing and evaluation.

To Implement GPR Technology
for paving control

Get a "Champion"
Go testing and
Exchange knowledge



Any comments or Questions
from the audience

Thanks to all of the presenters
for a good work
Hope for you who have been
here what you get useful
information for further work
with GPR

To all of you Thank you for coming
and have a safe journey back home.
You will get information where to find
the presentation from the seminar

Feedback to

gustav.tennby@trafikverket.se

Or

torsten.nordgren@trafikverket.se