



NTM Annual meeting 2017

Towards sustainable transport

- a Swedish and Californian perspective

14.00 Registrering och kaffe

14.20 Välkomsthälsning av NTM:s vice ordförande Catherine Löfquist, Bring

14.25 Årsmöte

14.50 Utveckling av verktyg, data och projekt
Magnus Swahn

15.00 Towards sustainable transport - a Swedish and Californian perspective
Torbjörn Holmström, Senior Advisor Research & Technology Volvo Group
Alberto Ayala, Deputy Executive Officer, California Air Resources Board

16.00 Paus med bensträckare och diskussion med föreläsare

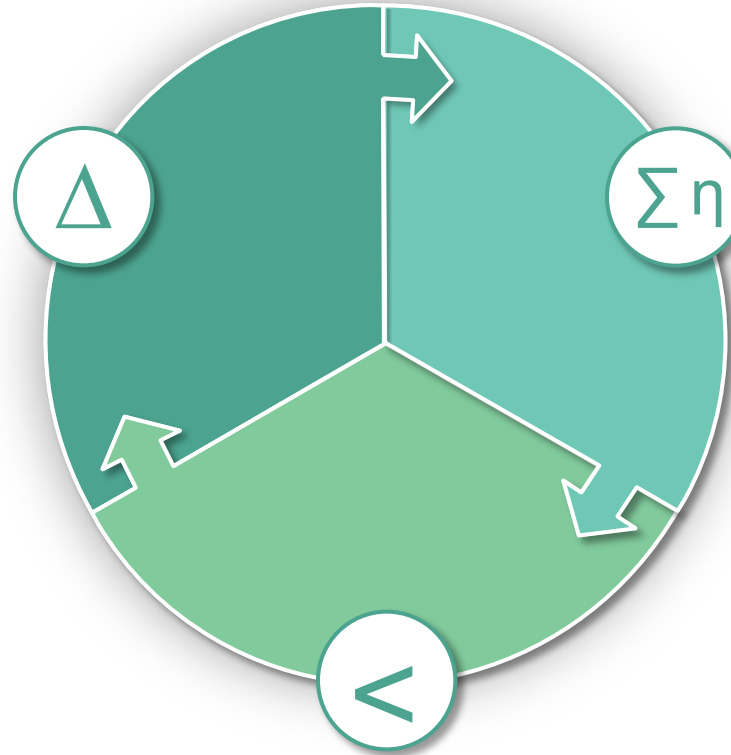
17.00 Regeringens miljö- och klimatambitioner,
Per Bolund, Finansmarknadsminister

17.30 Mingel med lättare förtäring och dryck



We support the process to develop more sustainable transport

Improvement measures
"Best practice"



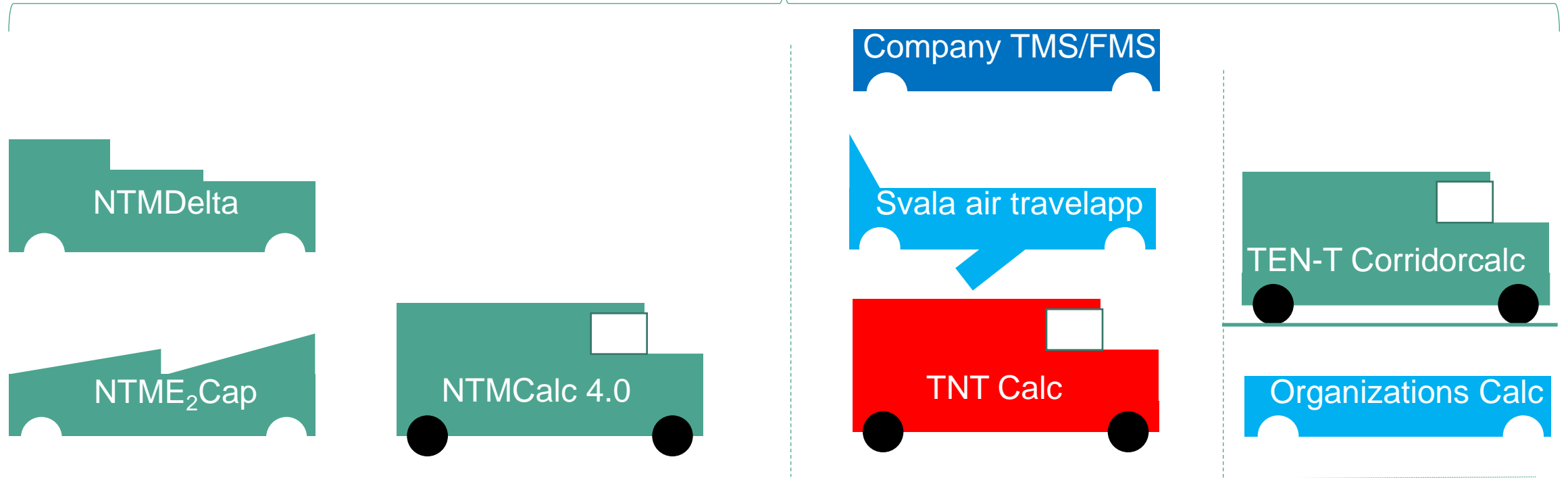
Measure and assess performance
- NTM*Calc*_{Freight & Travel}

Evaluate performance measures
(Tools for transport supplier evaluation)
-NTM*E_{2cap}*



How does our tool work?

POWERED BY
NTM CALC
transportmeasures.org



Platform

- Organisation
- Resources
- IT-infrastructure

"Engine"

- Methods
- Algorithms

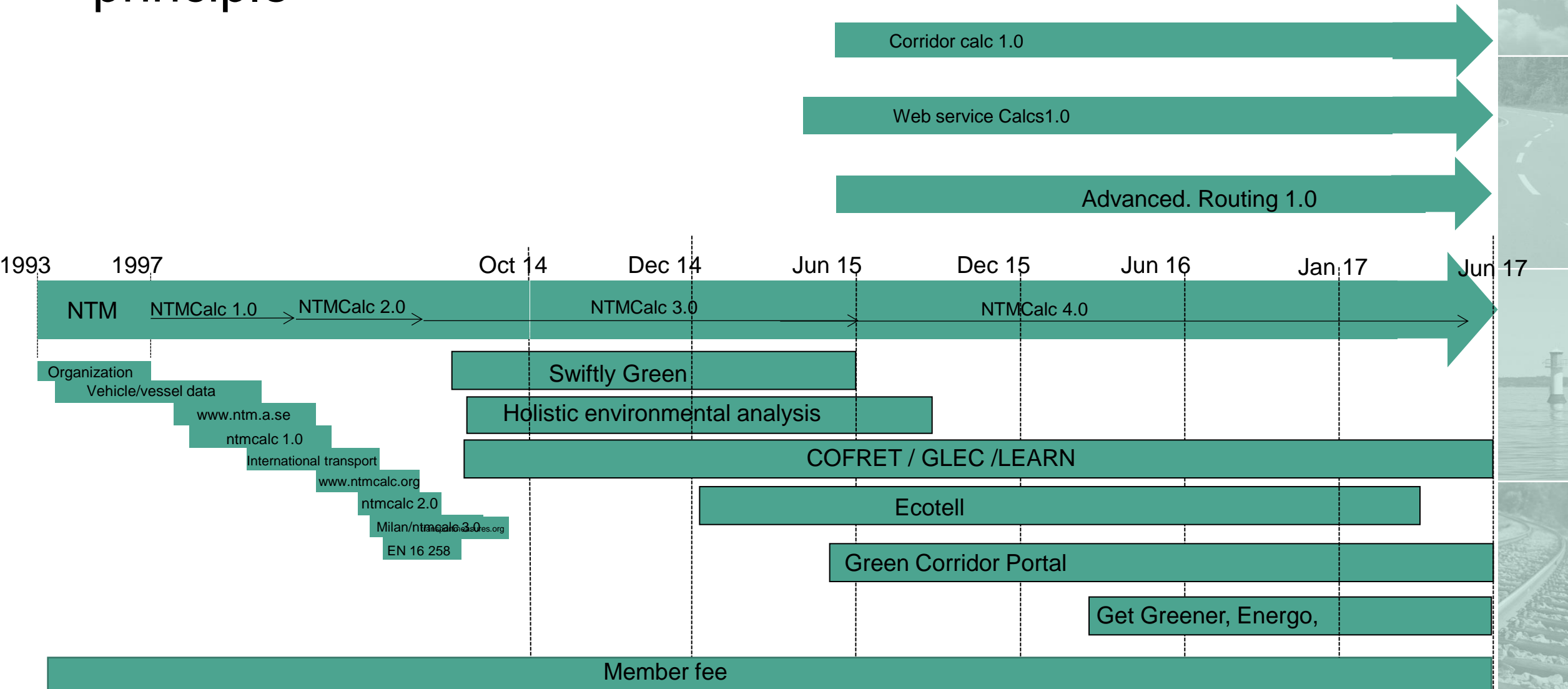
"Tank"

- Method based data
- Operational data

Neutrality and credibility through:

- Open dialogue with all parties
- Continuous improvements

We finance the work through the "book shelf principle"



Questions?





Quote quiz

Who named the environmental movement as...

"The beards and sandal brigade"

John Cleese



Who said

“Why can’t American car industry do what Volvo can”

Jimmy Carter



Who said (some twenty years later)

“Why can’t American car industry do what Toyota can”

Al Gore



Who said, while trying to persuade countries in the former eastern Europe to adopt more stringent environmental legislation for transport.

“The American way of life is much more interesting than your documents”

Transportminister in Poland



Who said

“It’s incomprehensible why I was not informed early and clearly about the measurement problems”

Martin Winterkorn, CEO VW



Who said (early 2000)

“We will never employ a PHD on electric drive lines in the automotive industry”

RIP



Towards sustainable transport - a Swedish and Californian perspective



Torbjörn Holmström, Senior Advisor Research & Technology
Volvo Group

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