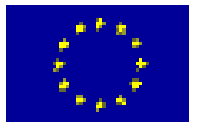




# Information sharing and common freight reception in shopping centres – is there a business case?

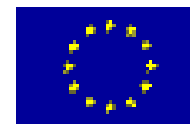
Jardar Andersen and Olav Eidhammer

Institute of Transport Economics, Norway

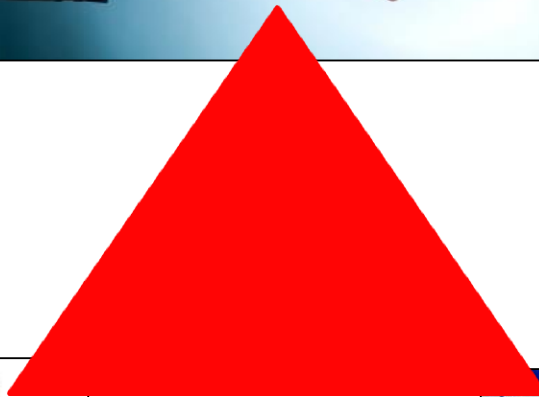


# STRAIGHTSOL

1. Develop a new impact assessment framework for urban freight transport measures
2. Support a set of innovative field demonstrations in urban freight transport
3. Apply the impact assessment framework to the live demonstrations



# New impact assessment framework





UCC  
manager



Ajuntament de L'Hospitalet





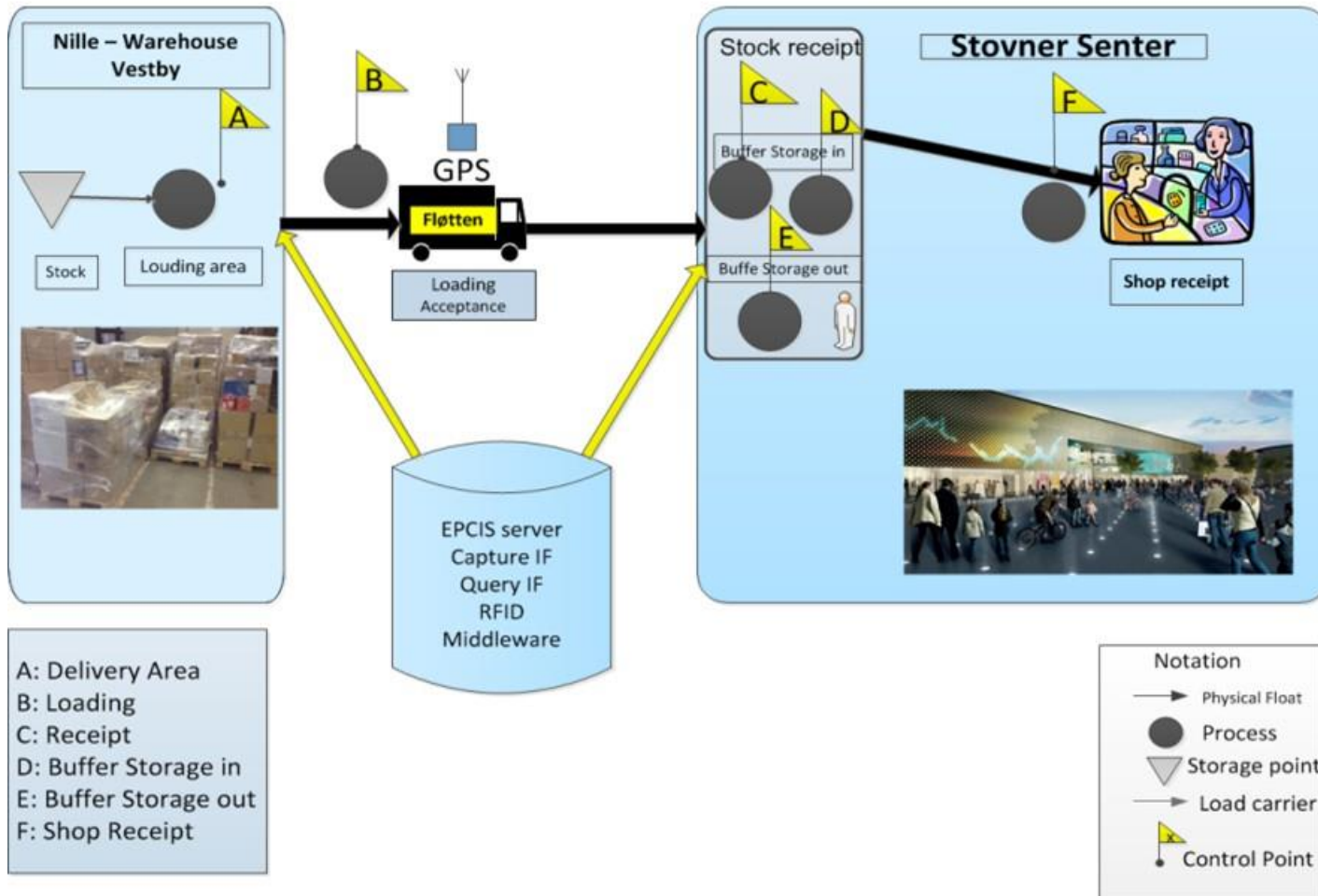






# Information collection and sharing

## Process Flow Nille AS





# Buffer storage



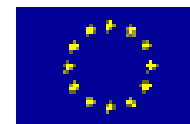


## Costs and benefits

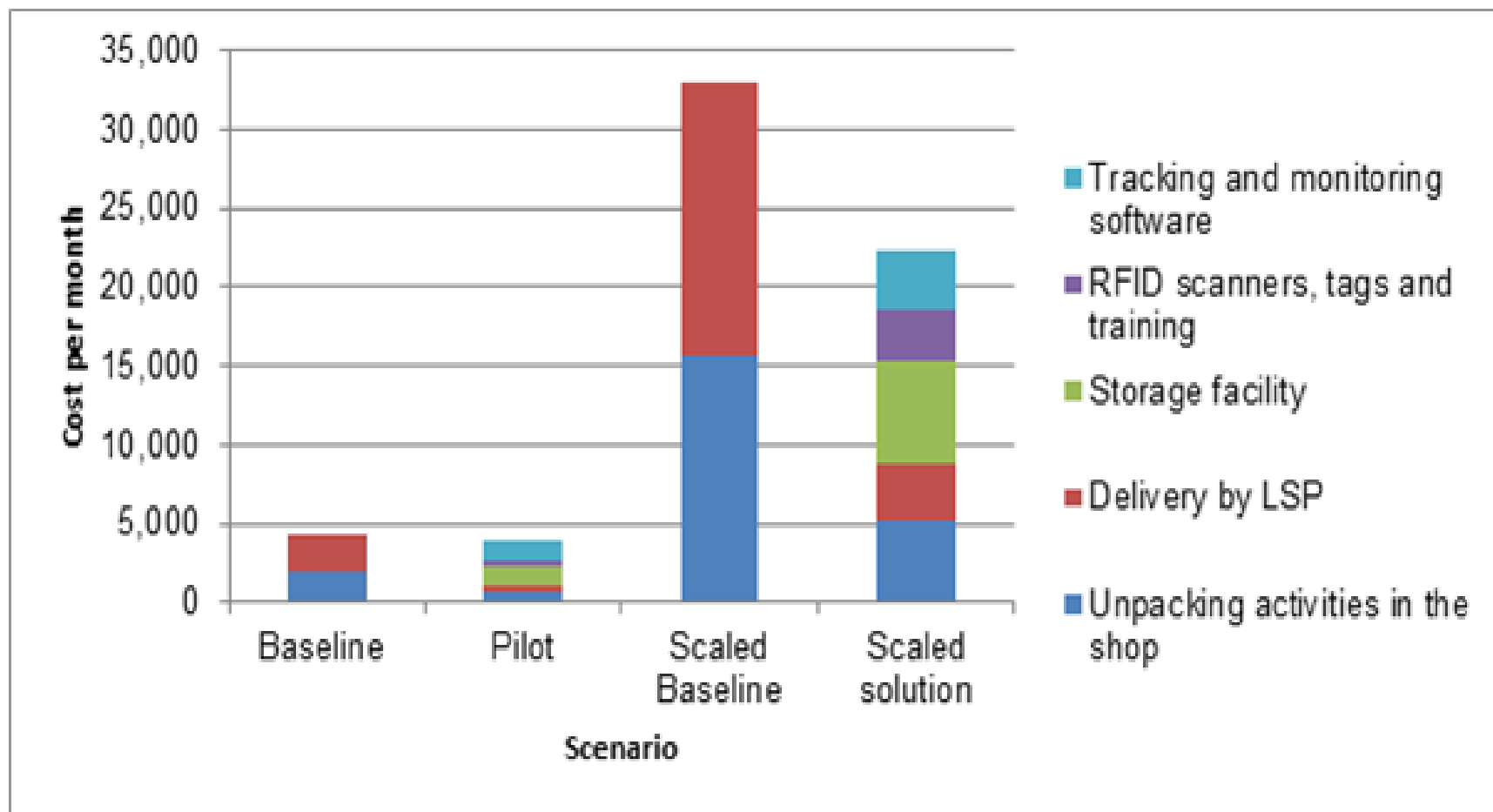
Costs	Benefits
<ul style="list-style-type: none"><li>• Tracking and monitoring software</li><li>• RFID scanners, tags and training</li><li>• Operation of buffer storage</li></ul>	<ul style="list-style-type: none"><li>• Shorter stays for trucks</li><li>• Better planning in shops</li></ul>

## Scenarios

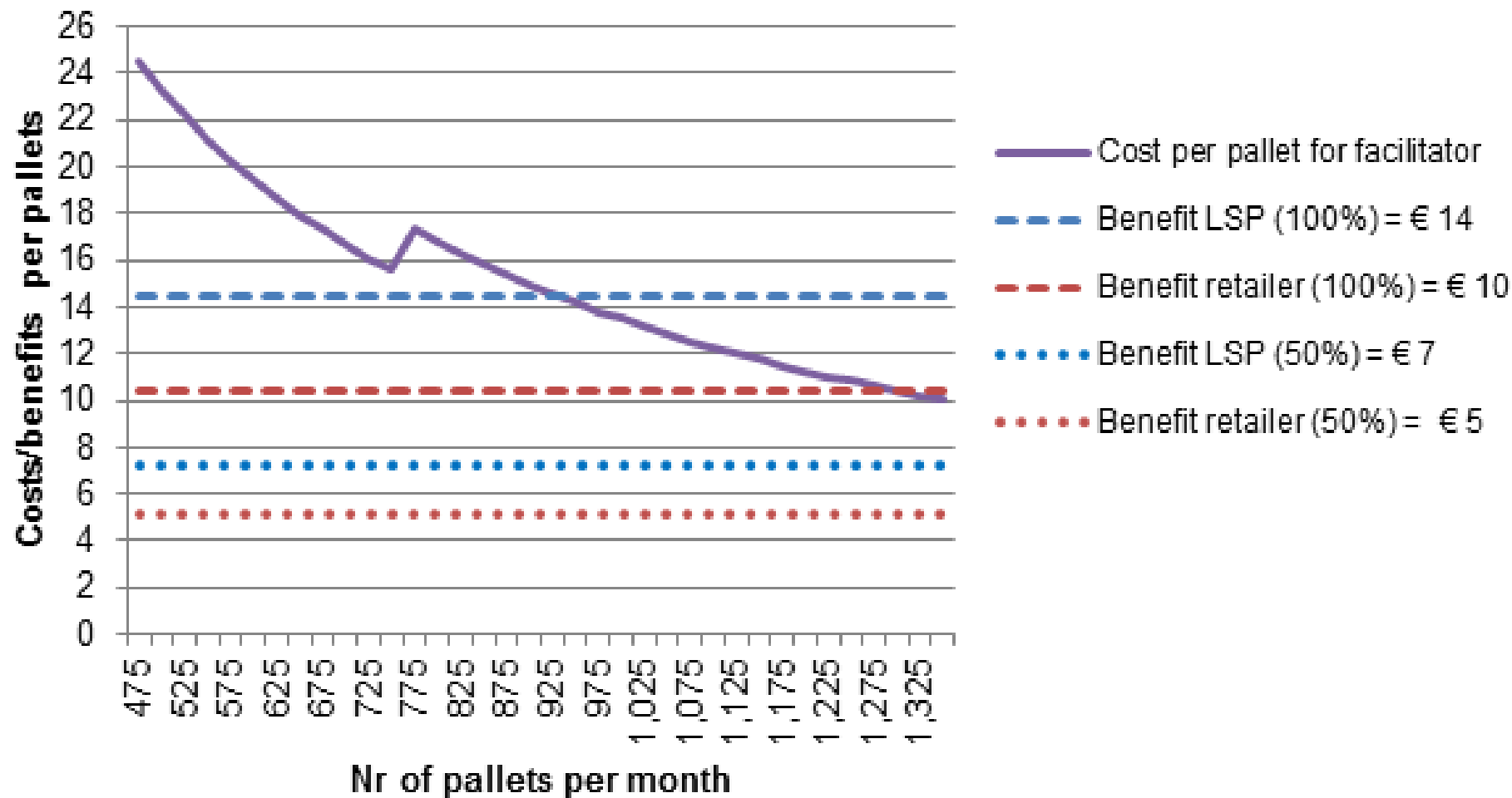
Baseline vs pilot	Scaled scenarios
126 pallets monthly (174 pallets in 6 weeks of demonstration), 4 shops, 4 shippers	1000 pallets monthly, 50 shops and 50 shippers



## Cost comparisons



# Sensitivity analysis





# Main challenge: Distribution

+

-

Faster truck stops

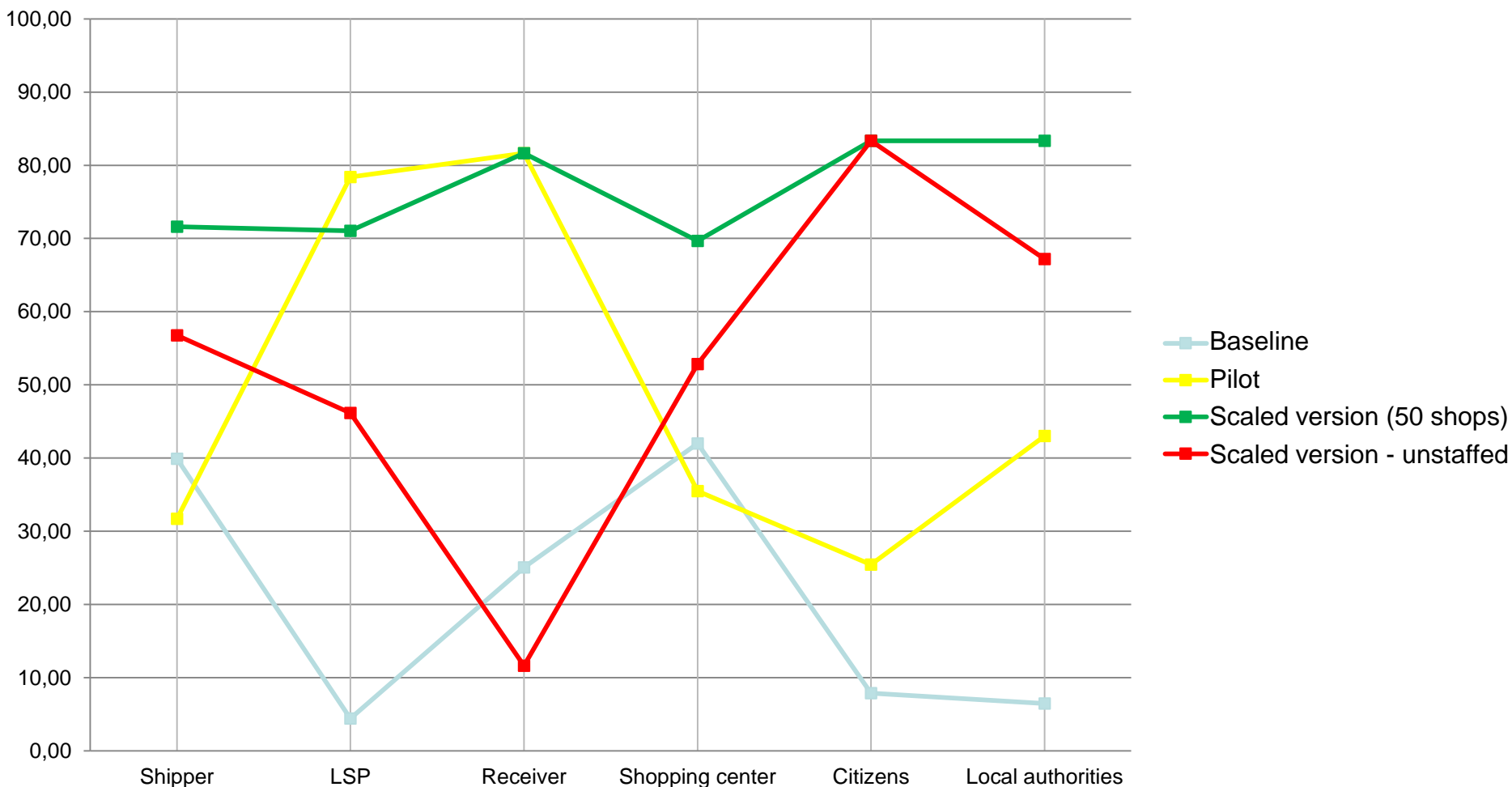
Better planning in shops

Buffer storage operation

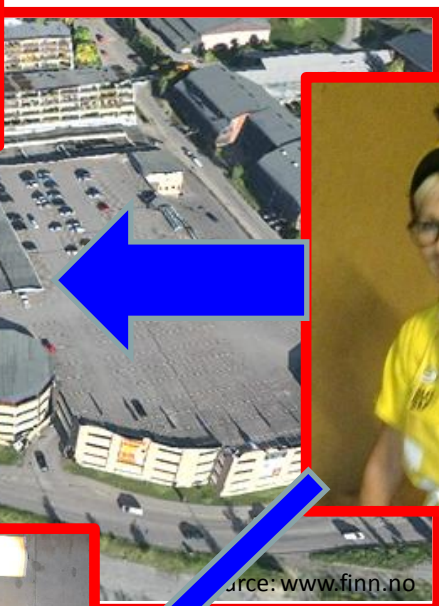
Costs for info collection+sharing



# Stakeholder perception of alternatives



# How do we move on?





# Varene følger Strømmen



FLYT: Country manager for InStore, Cathrine B. Tyszko (til venstre), og koordinator Christine Haraldsen hos Collicare triller fram med en ferdigpakket kurv med varer og følger anvisningene til lagarsjef Bjørn Gunnar Ingolfson. Foto: Mippzon / Wikimedia

Blant annet r  
ringe til hver en  
varer ble levert f  
komme å hente,  
tok flere timer av

Men så kom C  
nen. Det hurtig  
stikkelskapet fr  
utgangspunktet  
ler for å drive s  
Store for én av s  
ker. Men ganske  
avtale om drift a  
taket på plass, i  
2013 ble driften  
svar.

## ... til WMS

Innen den tid h  
gjort grundige  
sikre en fornuftig  
gjort undersøke  
med 100 butikke  
hvor mange leve  
tikk fikk, når de  
store leveransen  
en rekke andre p  
for å sikre at dri  
ket skulle bli s  
mulig.

I tillegg valgt  
vikle sitt eget  
stem (WMS), s  
dette formålet.

Dermed ha  
kurat slik som  
enkelt gjøre ju  
ser behovet for  
ne B. Tyszko, pr  
liCare til MT.

NYTT: Da Strø  
ter ble utvidet  
og råd til  
effekt

# Thank you for your attention!

Olav Eidhammer

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Jardar Andersen

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