

Cooperative Logistics for Sustainable Mobility of Goods

Frankfurt Airport

March 7th 2017

Agenda



- Project Overview
- Preliminary Results
- Outlook











COGISTICS Pilotregion Frankfurt



Participants

DB Schenker, Fraport, HOLM, T-Systems

Project Goals

Acceleration of Processes

Infrastructure Improvements

Reduction of CO2-Emissions

Waiting times and bottlenecks

Energy-Conscious Driving

Monitoring of truck traffic CargoCity North and South

App
"Low Carbon
Mobility
Management"
(LCMM)













App LCMM Function





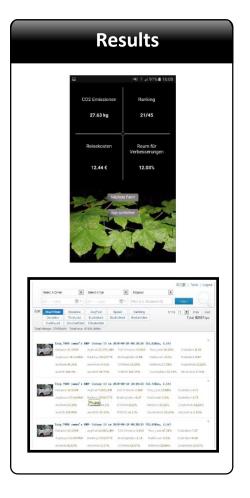
























Timeline Other Project Partners



	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
Test									
Feedback Workshop		<	\Diamond						
Adjustments									
1. Phase – Without/with App				Basis	Cha	nge			
First Results									
2. Phase – Without/with App							Basis	Cha	nge
Final Results									•













Preliminary Results February 2017



Distance: 129.681 km

Time: 4.135 H 16Min

Fuel Consumption: 28.908 ltr.

Velocity: Ø 31,36 km/h

Average Consumption: Ø 0,222916 cl/km

Ø 22,3 ltr./100km

CO2: Ø 0,5938 kg/km

Ø 5,9 kg/100 km









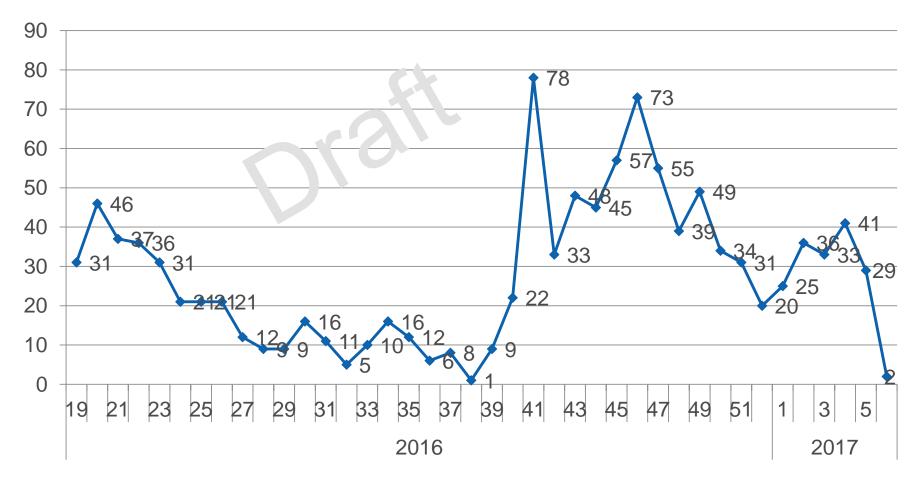




Trips: 1118

(Distribution per each week)















Fuel Savings



GNSS calculation, Avg. Fuel liter/100 km						
Project phase						
Total	30,567 (<i>31,887</i>)					
Before	31,950 (<i>32,632</i>)					
After	28,436 (30,737)					
Deviation	<u>-10,998</u>					













Outlook



- Final results after Schenker has finished as well
- Workshops with site partners how to reduce traffic jams at high-risk areas













Thank you for your attention!

