

Qdrive


Qbuzz *Goed op weg*



Content

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What is Qdrive?

Qdrive is the name of the Qbuzz-programm that gives our drivers an instrument to measure and optimize their driving performance. This instrument is an online application (Smart-Driving) from  VIRICITI and it is available on the tablets of our drivers.

ViriCiti and Smart-Driving

- **WHAT IS** ViriCiti?

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ViriCiti and Smart-Driving

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ViriCiti is an – from origin – Dutch software company, specialized in helping companies improving the driving style from their drivers.

- **WHAT IS** Smart-Driving?

Smart-Driving is the online application, which provides drivers and teammanagers insight in the driving style of the drivers

Why ViriCiti and Smart-Driving?

- Other programm's didn't work for us:
Systems for only diesel, E-busses or manufacturer
- ViriCiti had a promising concept
Qbuzz could participate in the developement of Smart-Driving

Time line

dec. 2019	Start Concession GroningenDrenthe 2020
	re-development calculation methods
okt. 2020 - dec. 2020	Pilot period with 30 drivers
	evaluation pilot period + adjustments
apr. 2021	Start first 2 company locations
	Collecting experiences + adjustments
sep. 2021	Start next 4 company locations
dec.2021	Start last company locations (6)

Smart-Driving / Qdrive

What are the goals?

1. **Contractual obligation**
 - a. *Optimizing the driving experience for the passengers.*
 - b. *Contribution to sustainability*

2. **Financial savings**
 - a. *Avoiding CO2 fines*
 - b. *Saving fuel costs*
 - c. *Saving maintenance costs*
 - d. *Relaxed drivers > less illness, less accidents*

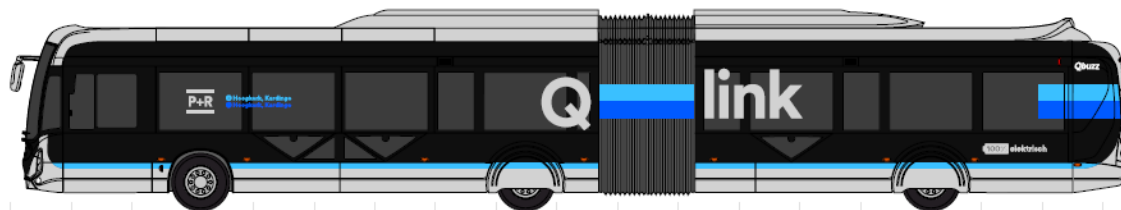
Smart-Driving / Qdrive

How does Qdrive help us to do that?

- By providing insight in the individual driving style of the driver,
- By providing insight in the driving style of his team.
- By giving feedback about the driving style.

How does Smart-Driving work?

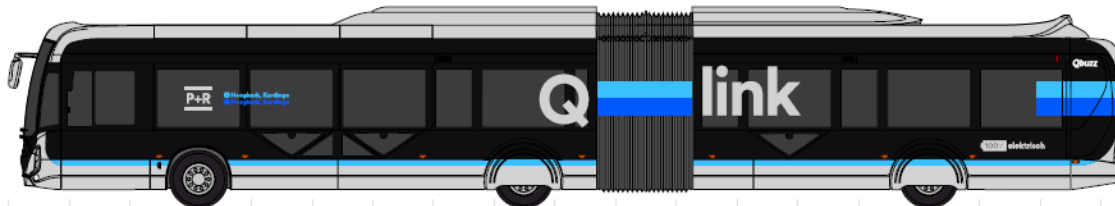
How does Smart-Driving work?



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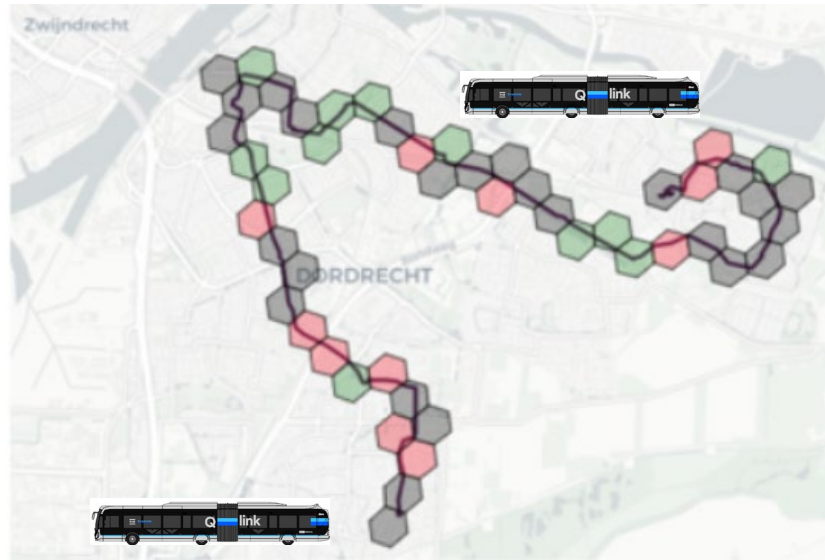
How does Smart-Driving work?



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How does Smart-Driving work?



< My drivers

Behavior of [Driver Name]

Filters

17 Mar 2022 - 23 Mar 2022 (last 7 days)

40 trips | 1088 km | 7 days

Eco Driving 🍃 ⓘ

54

➔ 4.81 % higher than previous last 7 days

Harsh braking 🚗 ⓘ

17 x

➔ 1.4 / 100 km less often than previous last 7 days

Idling ⏸️ ⓘ

34m 54s

➔ 29s / hour longer than previous last 7 days

Feedback

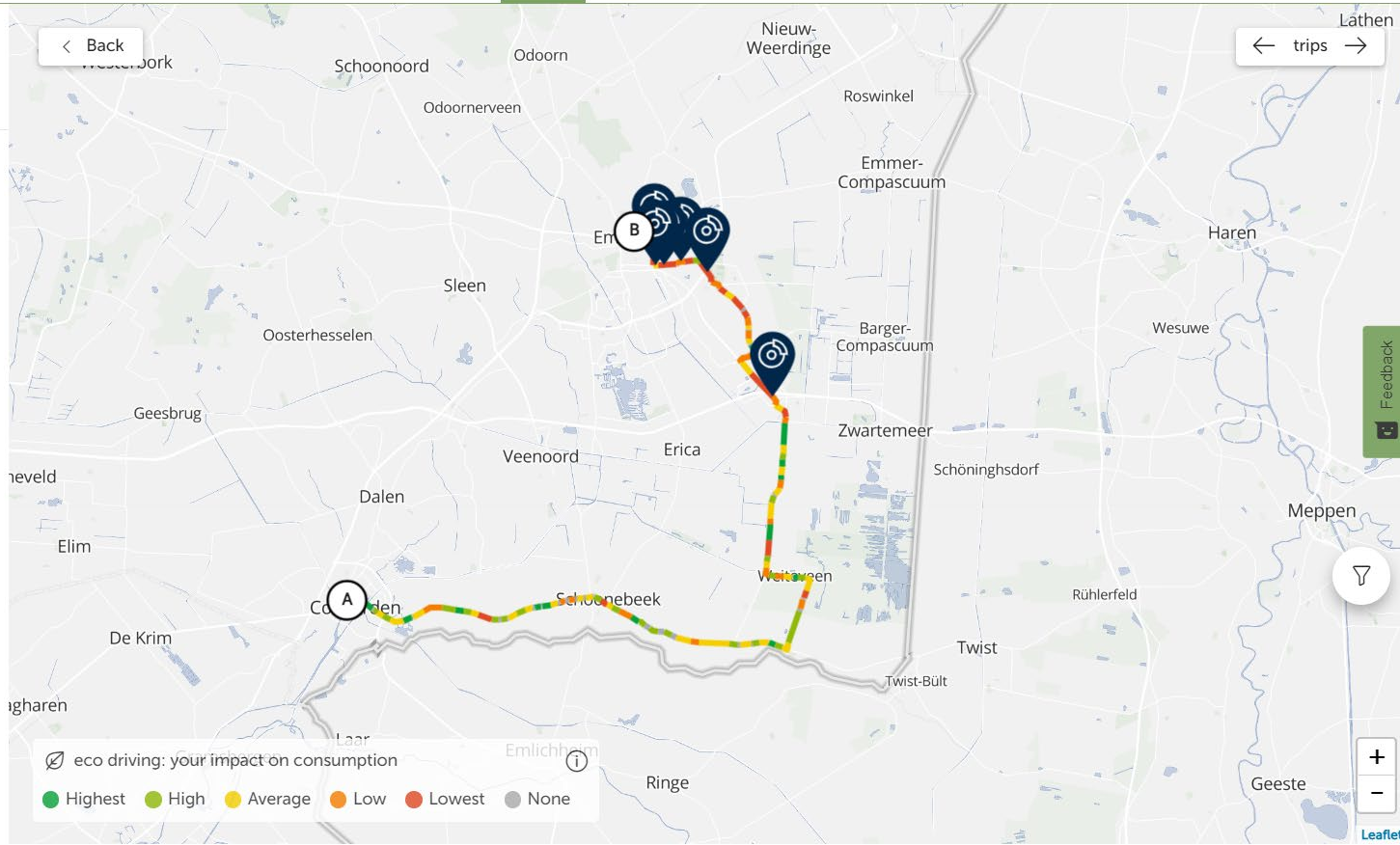
43 Trips (1087.7 km)

Newest

Wed 23 Mar 2022 08:30 - 09:11	40m 58s	21.4 km	134 - 13	💧 7520	0.30 l/km	🍃 29	🚗 0	⏸️ 3m 10s
Wed 23 Mar 2022 07:49 - 08:29	39m 16s	19.3 km	134 - 12	💧 7520	0.30 l/km	🍃 34	🚗 0	⏸️ 4m 32s
Wed 23 Mar 2022 06:52 - 07:49	56m 45s	33.4 km	34 - 7	💧 7520	0.36 l/km	🍃 21	🚗 0	⏸️ 0s
Wed 23 Mar 2022 05:41 - 06:36	54m 52s	37.7 km	27 - 6	⚡ 7329	0.98 kWh/km	🍃 58	🚗 0	
Tue 22 Mar 2022 10:24 - 12:04	1h 40m 10s	40.7 km	94 - 26	⚡ 7308	0.87 kWh/km	🍃 49	🚗 6	

Tue 22 Mar 2022 • 10:24 - 12:04

Route: 94 - 26



Driving behaviour

- Harsh braking 6
- Eco Driving 49

Consumption

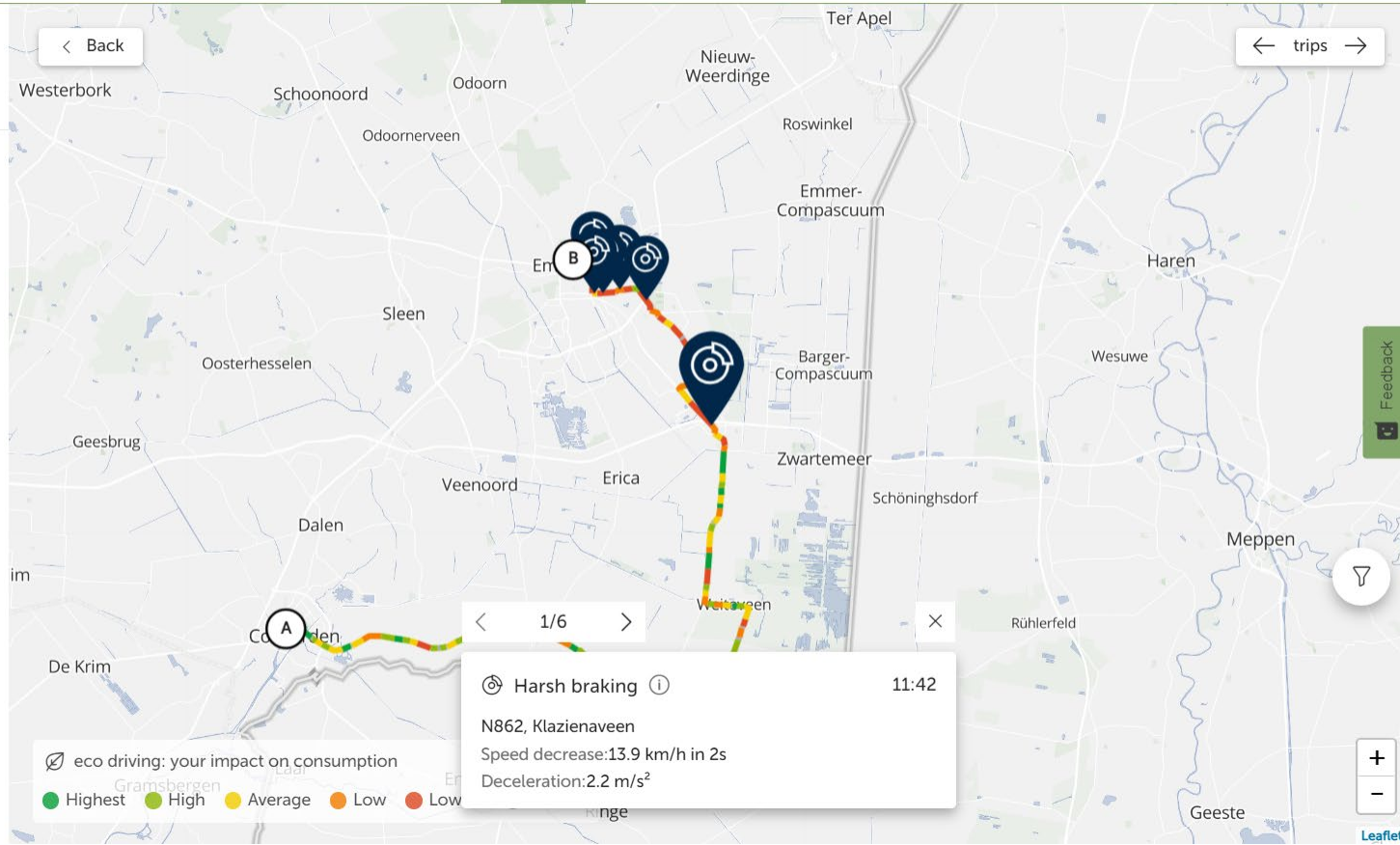
0.87 kWh/km

Trip details

- 1h 40m 10s
- 40.7 km
- 7308

Tue 22 Mar 2022 • 10:24 - 12:04

Route: 94 - 26



Driving behaviour

- Harsh braking ⓘ 6
- Eco Driving ⓘ 49

Consumption

0.87 kWh/km

Trip details

- 1h 40m 10s
- ↔ 40.7 km
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Tue 22 Mar 2022 • 10:24 - 12:04
Route: 94 - 26

< Back

← trips →

Driving behaviour

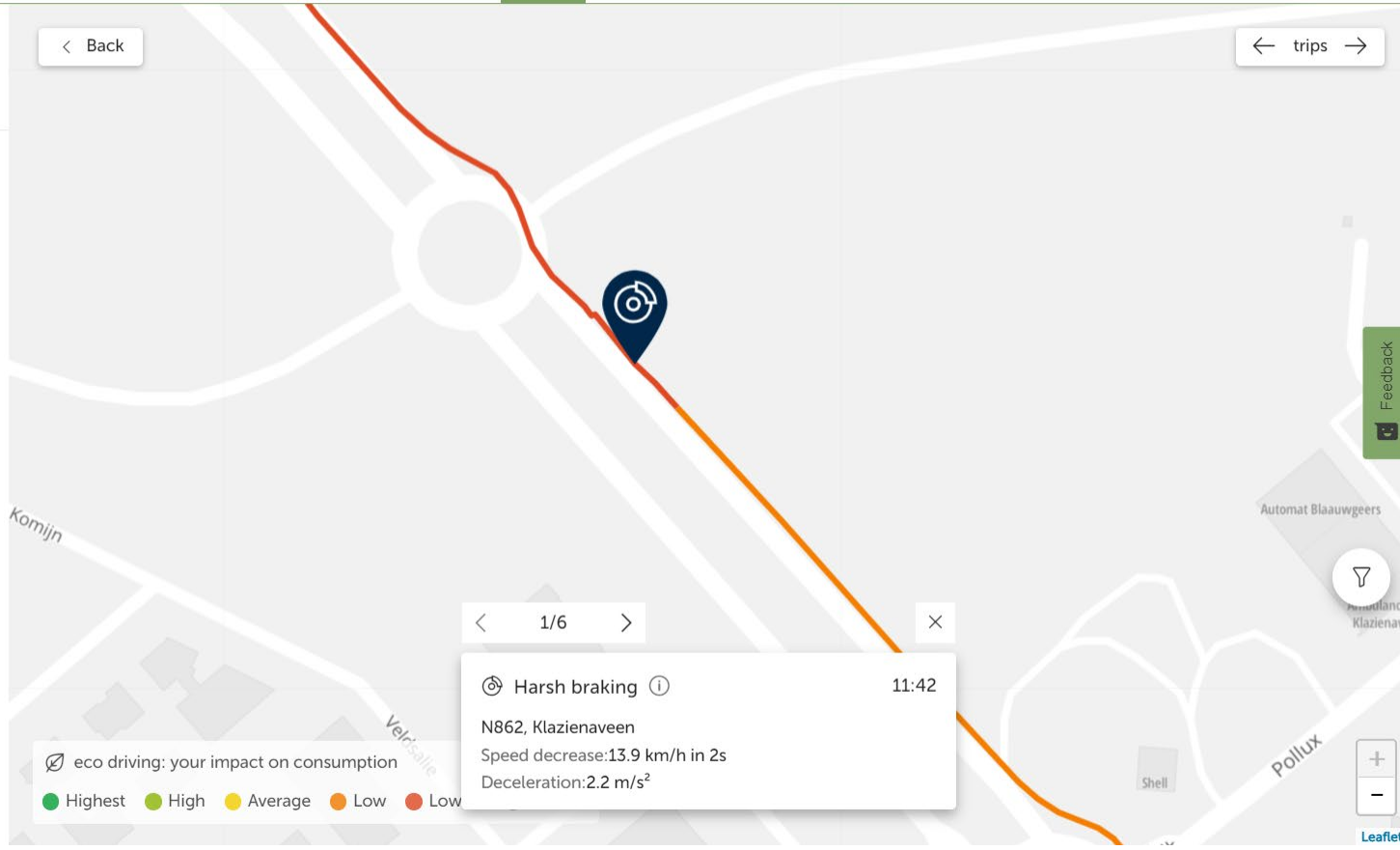
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Consumption

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Trip details

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Driver experience

Drivers 😊: active, high scores (and improving) , curious

Drivers ☹️: sceptic, not active, not interested, low scores

Next steps

- > **Q1 2022:** Motivation programm and driver style coaches
Appointing project leader
- > **Q2 2022:** Start preperation other concessions (Utrecht , DMG)
- > **Q3 2033:** Start pilot other concessions
- > **Q4 2022:** Start implementation Qdrive other conessions
- > **Q1 2023:** Start Qdrive programma in other concessions

Questions

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