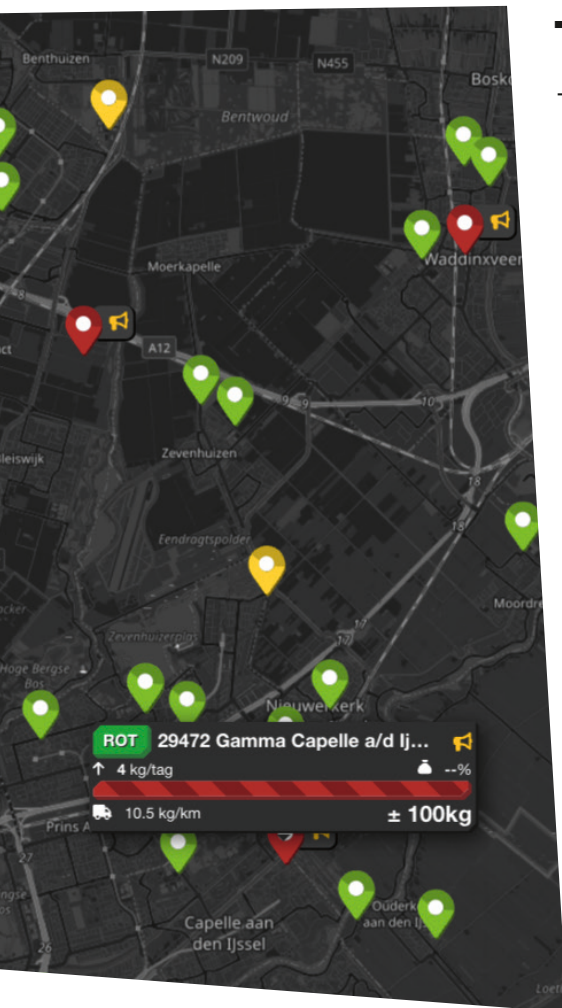# AI-based, dynamic tour planning for central collection points.

Intelligent. Efficient. Future-proof. Even without sensors.

Optimize your routes for centralized collection points with the AI-supported solution from SSI SCHAEFER Plastics – for full capacity utilization, reduced trips and maximum planning security.

THE CHALLENGE

The collection of recyclable materials such as glass or textiles via central container sites presents complex challenges: **Large distances between containers and highly fluctuating fill levels make efficient planning difficult.** Static routes often result in unnecessary trips – which wastes time, resources, and reduces profitability.

OUR SOLUTION

With AI-supported software from SSI SCHAEFER Plastics, you get a tailor-made solution for the challenges of your collection. **You gain transparency, save time and resources, and sustainably** optimize your tours. The application is flexible, field-tested, and ready to go in no time.

Your ADVANTAGES

- You don't need sensors
- You avoid emptying containers that are only slightly full
- You save kilometers, time, and costs
- You plan efficiently
- You increase transparency throughout the entire process
- You're up and running in no time

Practically tested – with measurable success!

✓ 6 vehicles before optimization – only 4 vehicles after! That means a 1/3 saving in vehicle costs alone!

✓ Each project saves between 10 and 50% of driving time!

SSI SCHÄFER

Know more. Plan better. Drive smarter.

How intelligent route planning works

Our software analyzes the recorded fill levels to predict which containers need to be emptied and when.
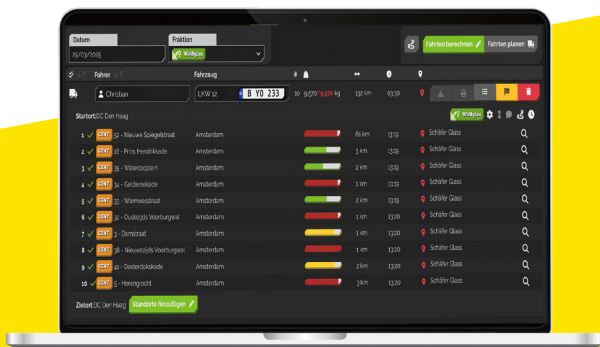
Current and predicted future fill levels serve as the basis for route planning, taking vehicle capacity and operating times into account.

If capacity remains unused, the system offers the most efficient containers still to be collected at the touch of a button, perfectly utilizing your vehicles. This optimizes the use of vehicles and personnel – without any empty runs.

Data collection is simple and cost-effective: The driver enters the fill level during emptying via the app. The system continuously learns – for increasingly accurate forecasts.

The most important functions at a glance:

- Real-time fill level display (volume and weight)

- AI-based forecast of future fill levels based on previous data

- Dynamic route planning including navigation solution

- Detailed reporting & dashboard

- Geo-fencing for route tracking

- Complaints processing including response time

- Photo function for documentationn

- Simple, intuitive operation

Don't waste time, start now!

We'll launch your pilot project within one week of your order, and you'll benefit from intelligent route planning in no time.

Optimize your tour planning!

Learn how SSI SCHAEFER Plastics technology can improve your processes. Contact us for a personalized consultation and learn about the possibilities of optimized route planning.

Scan and learn more!

ssi-plastic.com

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