



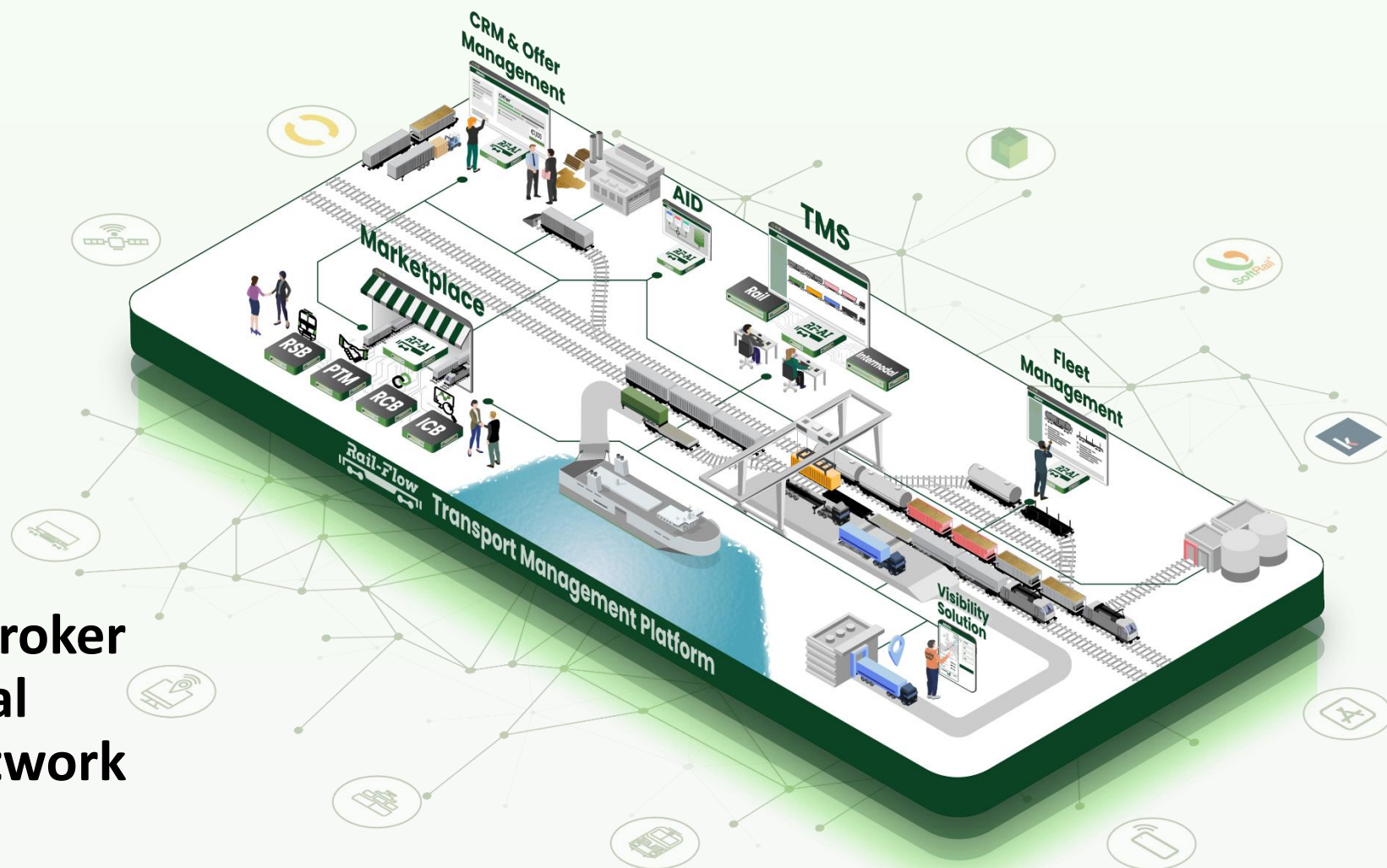
Rail Logistics Made Easy.

Gefördert durch:



aufgrund eines Beschlusses
des Deutschen Bundestages

**Rail Capacity Broker
Path to a virtual
wagonload network**



Rail-Flow improves the accessibility and efficiency of rail freight & intermodal transport



Mission: Improve accessibility & efficiency of rail freight transport - ***Rail Logistics Made Easy!***



Product: B2B SaaS / Rail Logistics Transport Management Platform (TMS)



Already over 500 customers: Freight railroads, shippers, forwarders, intermodal operators, lessors



European presence with offices in Frankfurt, Hamburg, Izmir, Rotterdam



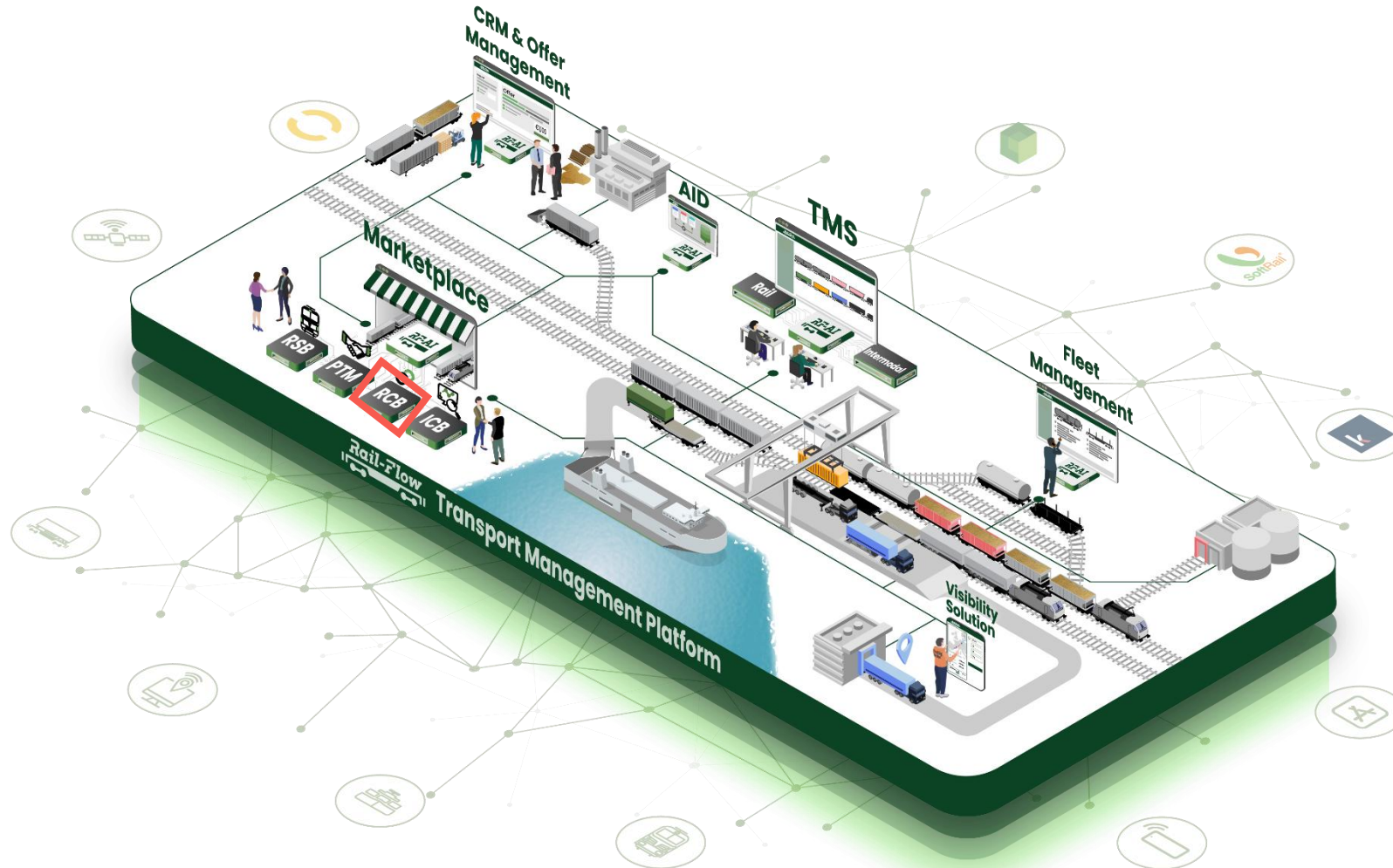
> 160 employees with comprehensive Rail & IT expertise and experience



Rail Flow is **independent and neutral** with strong growth

The SaaS and marketplace modules of the Rail-Flow Transport Management Platform

Streamline your rail and intermodal logistics from planning to execution—end-to-end—with our powerful Transport Management Platform



Rail **Cargo** Logistics
Member of OBB


ArcelorMittal


CAPTRAIN


RAIL INNOVATORS GROUP


LTG CARGO


AURIZON


LINEAS
YOUR FREIGHT FORCE

The European wagonload network is collapsing, yet it's difficult for individual market participants to build alternatives



- ⚡ **Extremely high barriers to market entry** – a single provider must be able to offer the entire transport route from dispatch to receipt for a single shipment
- ⚡ As a result, **options** for transporting individual wagons **are** often limited to **individual networks that do not cover the entire area**
- ⚡ Each provider individually has **free capacity on block trains**, but **cannot market** this **digitally**
- ⚡ **No networking of free capacities from different providers** to create a specific single wagon transport option
- ⚡ **Feasibility studies**, including for short distances, are very **time-consuming**
- ⚡ Shippers or freight forwarders must **request single wagon transport options separately** from each provider
- ⚡ **Wagonload-suitable shipment flows** that currently take place **on the road** are often **unknown to providers**

The Rail Capacity Broker will create a virtual wagonload network enabling a solution for the efficient provision and combination of network capacities



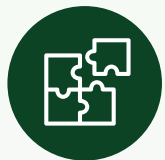
Transparent exchange of information



Simple capacity provision



Efficient capacity utilization optimization

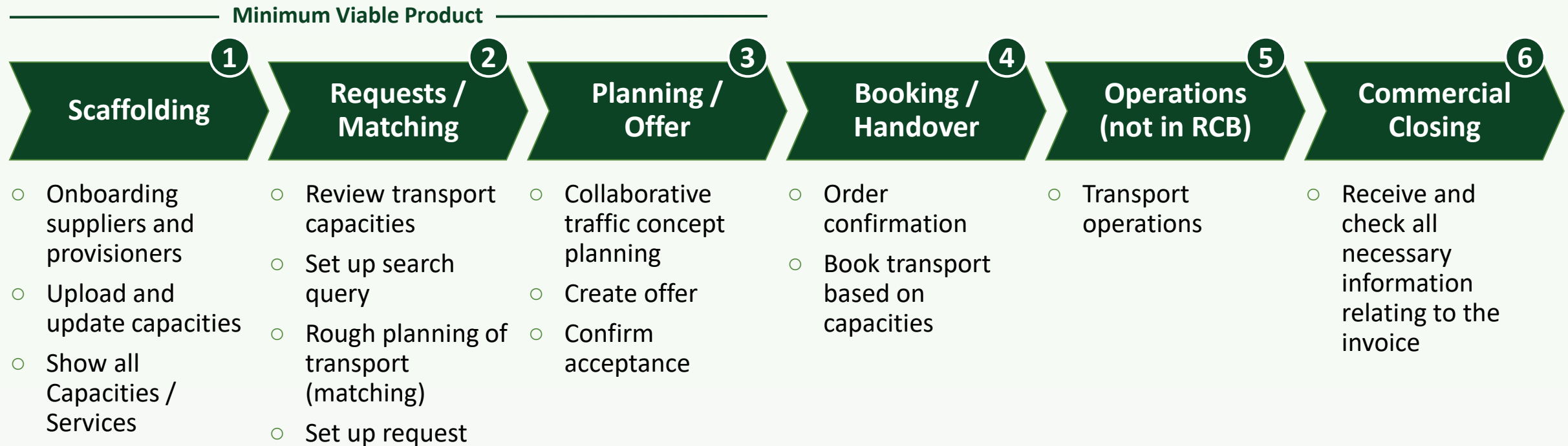


Intelligent combination of free capacities



Transparency regarding wagonload affine shipment flows creates new opportunities

The RCB MVP focuses on first 3 process steps: providing transparency, matching request and capacity and allows collaborative concept planning



Providers can make their planned and potential transport capacities visible in the Rail Capacity Broker



Geographical (including planning parameters)

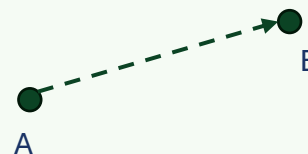
e.g., route class, Hg, KV profile, RID, etc.

Type 1 Scheduled Capacity



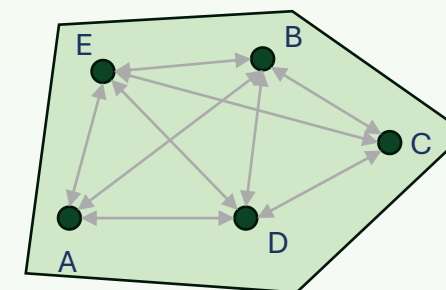
fixed

Type 2 Potential Capacity



fixed

Type 3 Area-based Capacity

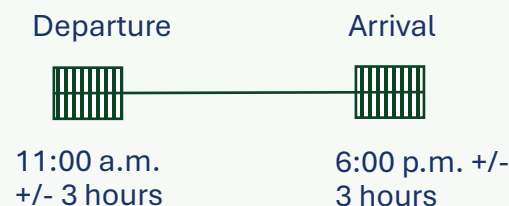


flexible

temporal



fixed

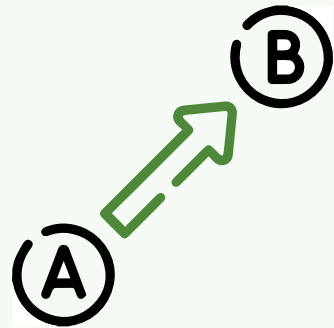


tolerances



flexible

The algorithm matches transport requests with available capacities across all providers

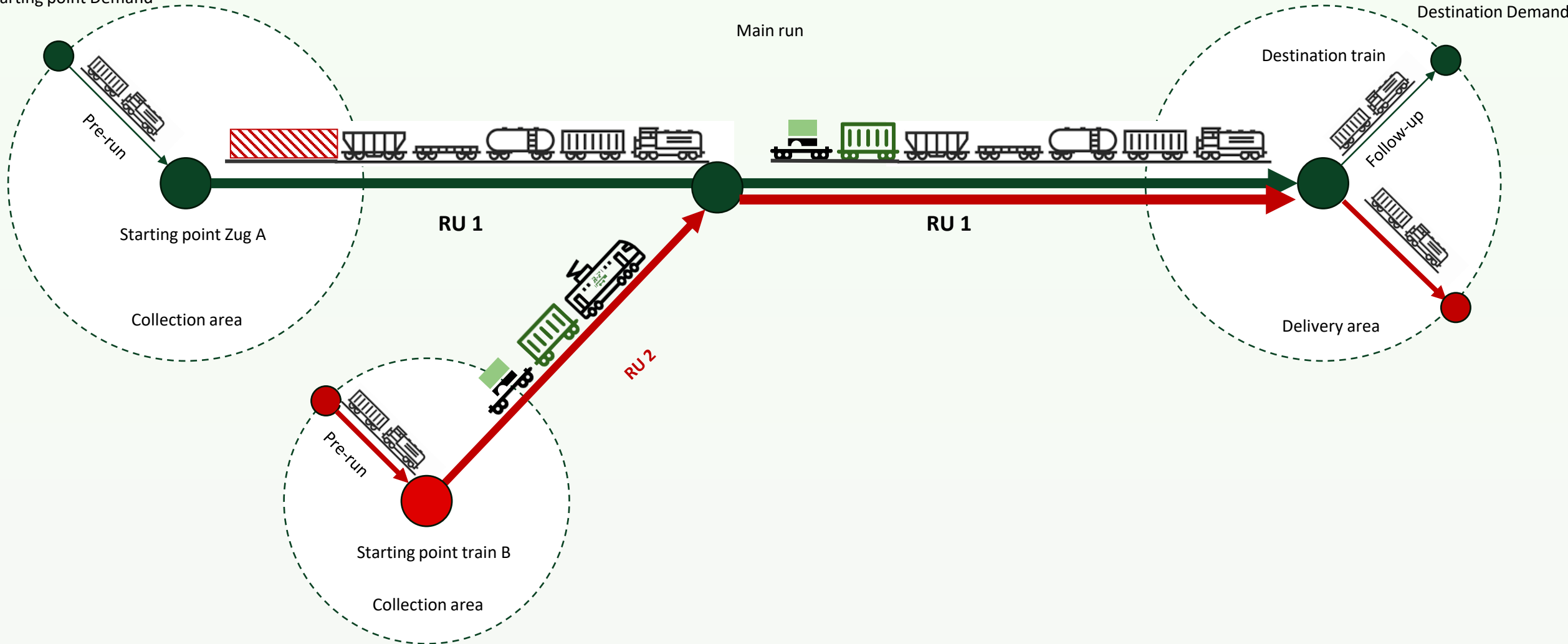


- The algorithm matches specific transport requests with available capacities.
- It calculates transport options across the entire network, including across providers, and intelligently combines free capacities.
- Depending on requirements, the algorithm can calculate simple spatial paths or work in detail, taking into account time slots and planning parameters such as hazardous goods.
- The result of the matching is provided to the user as a specific transport proposal.
- Based on the proposed transport chain, requesters can contact transport companies via the platform.
- If interested, the result of the matching serves as a starting point for further detailed planning (including checking the specific feasibility).

Combining existing capacities & exploiting synergies



Starting point Demand



The RCB MVP¹ (network overview, route search, concept alignment) will be launched by end of 2025 to enable subsequent trials.



Rail Capacity Broker

rcb-testuser2a@rail-flow.com

Netzwerke

Mein Netzwerk Netzwerkübersicht Suchhistorie

Ausgewählte Route: Basel Bad Gbf / Germany / 144337 → Zürich Giesshübel → Chlasso Smistamento → Mantova Frassine / Italy / 023804

RCB RU 4
rcb-testuser4@rail-flow.com

Basel Bad Gbf / Germany / 144337
→ Zürich Giesshübel
→ Chlasso Smistamento
→ Mantova Frassine / Italy / 023804

Suche

Start
Ziel

Wochentage Frequenz

Wochentag

☒ Alle ☒ Montag
☒ Dienstag ☒ Mittwoch
☒ Donnerstag ☒ Freitag
☒ Samstag ☒ Sonntag

Suche

2025_03_400

Network overview and route search in the Rail Capacity Broker²

(1) minimum viable product (2) Screenshot of the test system with fictive data

Please get in touch if you want to get involved in shaping and testing the RCB



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Learn more on www.rail-flow.com

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