



Regional partner involvement



Best practice criteria

ADVANCED LOGISTICS

Logistics of the AFN is well advanced and organized.



SUSTAINABILITY

Environmental, economical and social aspects are key.



TRANSPARENCY

Openness in action builds trust.



LOCAL FOCUS

Local roots and regional commitment are part of the identity.

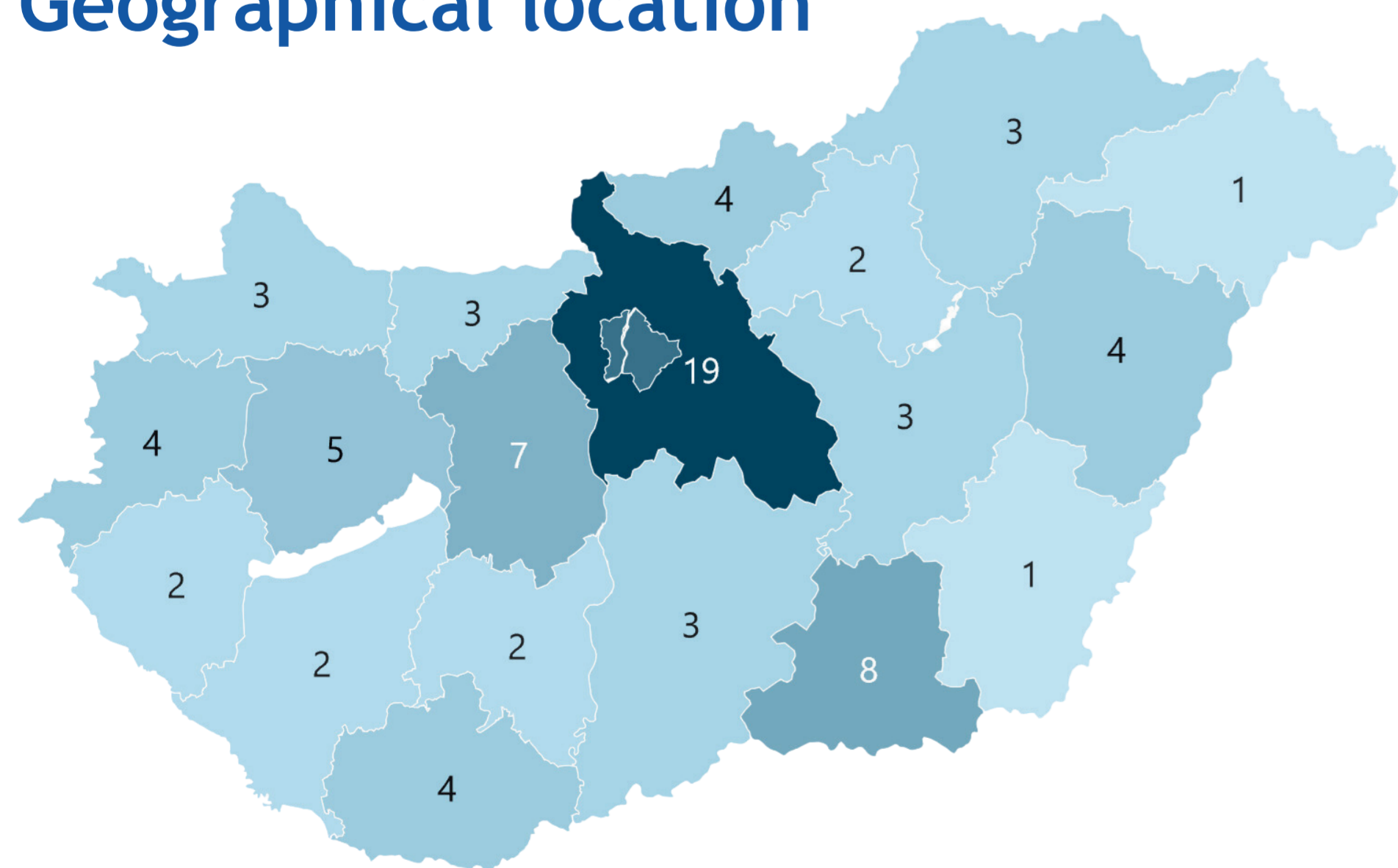


DIGITALIZATION

Comprehensive information along the supply chain is essential.



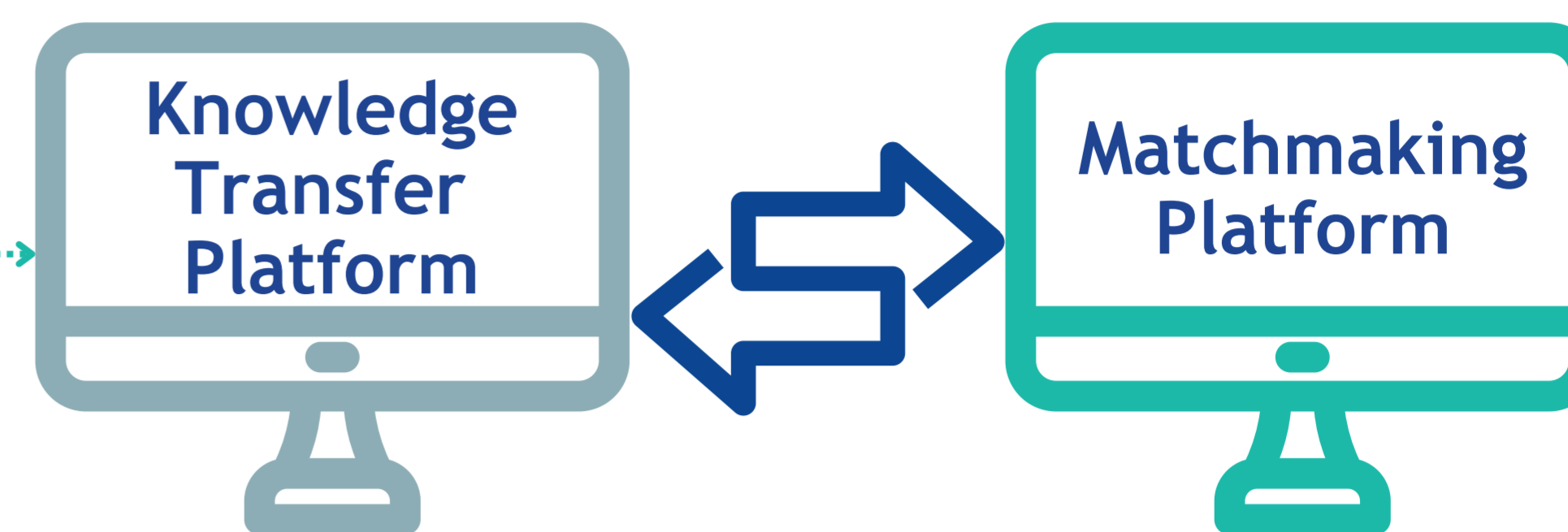
Geographical location



Most AFNs can be accounted in the **Közép-Magyarország (Central Hungary) region** (33). This region includes the capital, **Budapest** (14) and **Pest county** (19). The **Közép-Dunántúl (Central Transdanubian) region** accounts for 15 and the **Dél-Alföld (Southern Great Plain) region** 12 AFNs. The majority of advanced AFNs are located in and around Budapest.

LOGISTICS SOLUTIONS

Inputs



DATA-DRIVEN DECISION-MAKING LEVERAGES

Data-driven decision making leverages real-time information, allowing logistics professionals to react immediately to changes in demand, supply chain disruptions or unexpected events. It uses data from different areas of logistics, such as:

- **Cost per delivery:** Measures the cost per delivery, including the base rate, fuel surcharge and ancillary charges, each separately to gain insight into potential rising costs that need to be addressed.
- **Carrier performance:** Measures the time from the time the order is handed over to the carrier to the time of delivery. This assesses the efficiency and reliability of the last mile carrier.
- **Delivery time:** Measures the time from order to delivery and the steps in between, indicating the efficiency of logistics operations.



USE OF CARGO BICYCLES

In a congested city with narrow streets, the use of cargo bicycles can be an excellent delivery solution. A study has shown that electric bikes can travel 60% faster than vans in city centres, and that bikes reduce carbon emissions by 90% compared to diesel vans and by a third, compared to electric vans. Bikes can reduce the cost and time of home delivery and also reduce congestion and pollution in cities. Bicycles allow you to get closer to your destination, do not require a parking space, you do not have to pay for parking and are cheaper to buy, maintain and service.



PARCEL VENDING MACHINE FOR FOOD

Vending machines have been in use for a long time for various products, but are not very widespread for food. They offer an opportunity to reduce the cost of the last mile. These machines with refrigerated compartments can even store frozen food for short periods of time. The uptake and use of these vending machines could significantly reduce the carbon footprint of individual deliveries, as well as provide a more convenient and flexible takeover for the consumer.

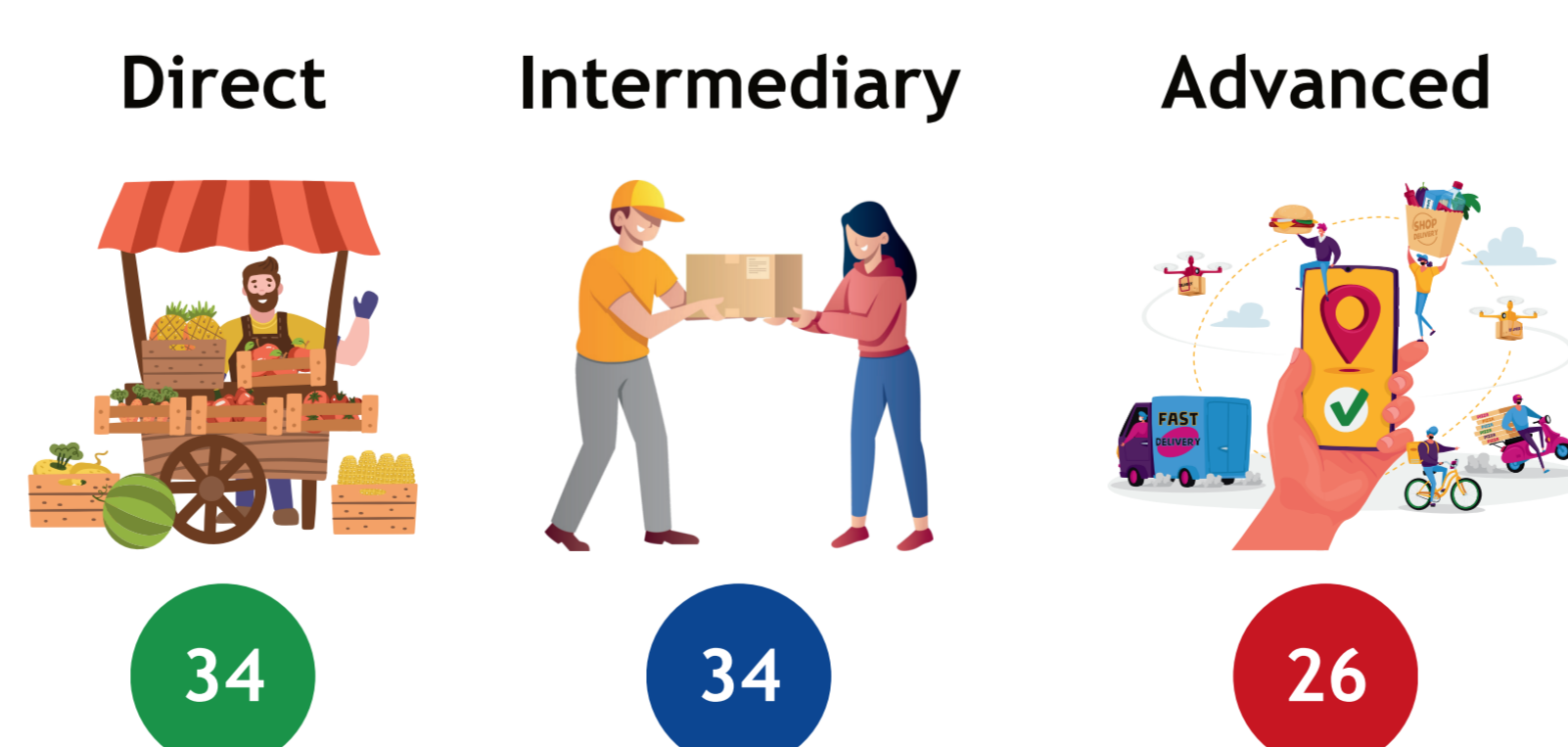


BACKHAULING

Backhauling, which involves transporting goods on their return journey rather than returning with empty trucks, can significantly improve vehicle utilisation rates. For example, after delivering products to a distributor, an empty truck can be directed to a nearby supplier to pick up raw materials. By reducing the number of empty trips, backhauling increases the overall efficiency of the fleet and reduces transport costs for suppliers and customers, as well as helps to reduce environmental impacts.

AFNs' level of complexity

The research has identified **over 94 AFNs** across Hungary.



Forms of identified AFNs

