



Flextrafik

UITP
13rd of April 2023

MOVIA FLEXTRAFIK

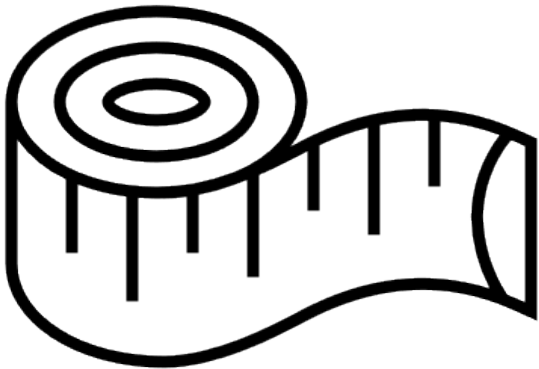
Agenda UITP

- About
- Background
- Flextrafik Concept
- Trip & Contract types
- Coordination
- Why is Flextrafik a succes?
- Emissions
- FLOT



MOVIA FLEXTRAFIK

Short video about Flextrafik



About Flextrafik

T Trips

2 million Flextrafik-trips a year are monitored 24/7 from the two regions and 45 municipalities

F Finance

Flextrafik is primarily financed through taxes, but some products include subsidised payments.

S Statutory & voluntary

Flextrafik has statutory authority from laws covering transport authorities, schools, health care, disabilities and other public privileges.

I Infrastructure

Flextrafik is vital for the national infrastructure, supporting schools, hospitals and other public services.





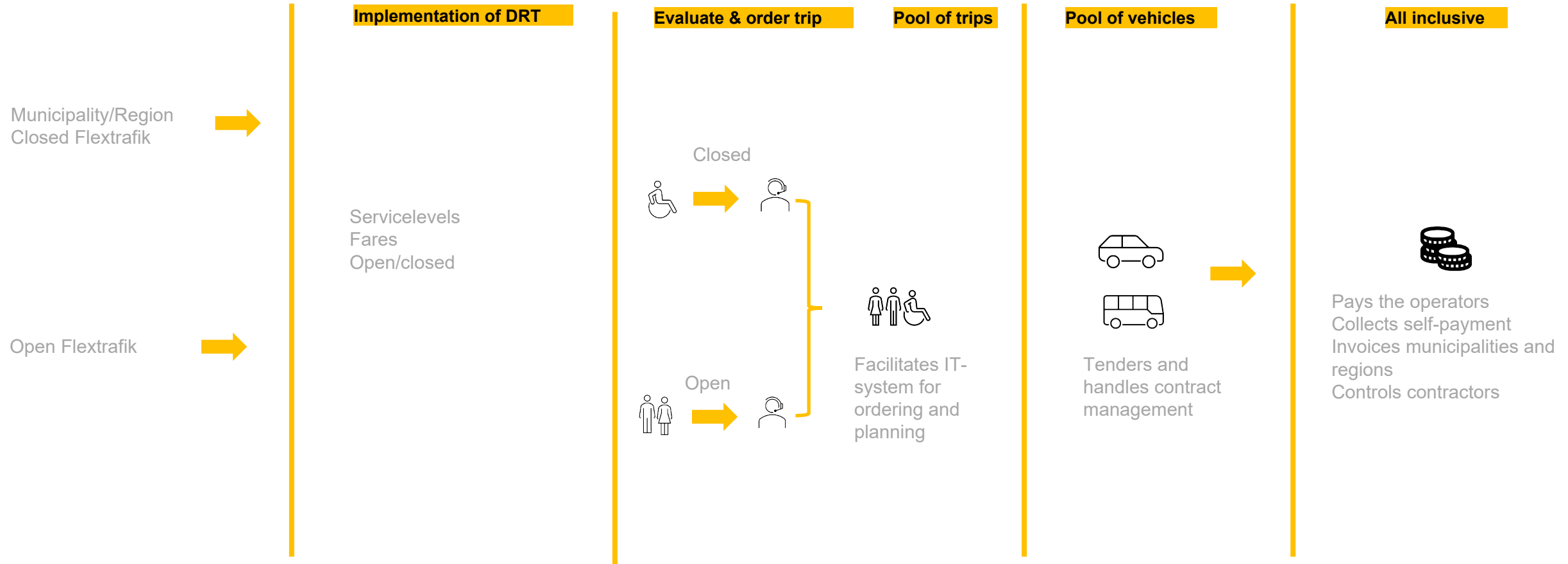
Flextrafik

 **movia**

Timeline

- 1993: Flextrafik origins in NT
- 1997: PLANET-system is licenses at NT
- 2002: FlexDanmark is founded
- 2007: Movia is founded + All of Zealand joins FlexDanmark/PLANET

Flextrafik – demand responsive transport



Trip Types / Products

Hospitals

1500 pass./day

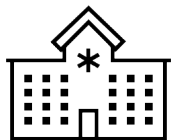


Regions

7 hospitals

Long trips

Personal Assistant



Rehabilitation & other

medical services

1000 pass./day



Municipalities

Short trips

Personal Assistant



Disabled

1500 pass./day



Different purposes

Stated by Law



Open

1000 pass./day



Public transport

Short trips

Different purposes



Contract types

80%

Spotmarket

Paid by trips

1 year contracts

Flexibility

Placed by the contractor (can be changed)

20%

Fixed contracts

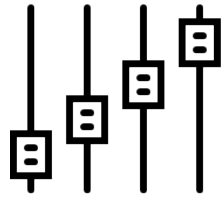
Paid 9h a day

2 year contracts

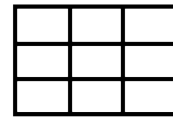
Supply security

Placed strategically in geography and time

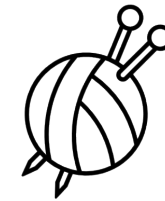
Coordination



A number of parameters can be individually adjusted for each authority in each travel product, offered by Flex Traffic, i.e. service levels, coordination parameters and time-related intervals.



All trips are planned in a "pool", which gets optimized continually, whereby the total cost of transport continually reduced when possible with respect for limitations and requirements in active bookings.

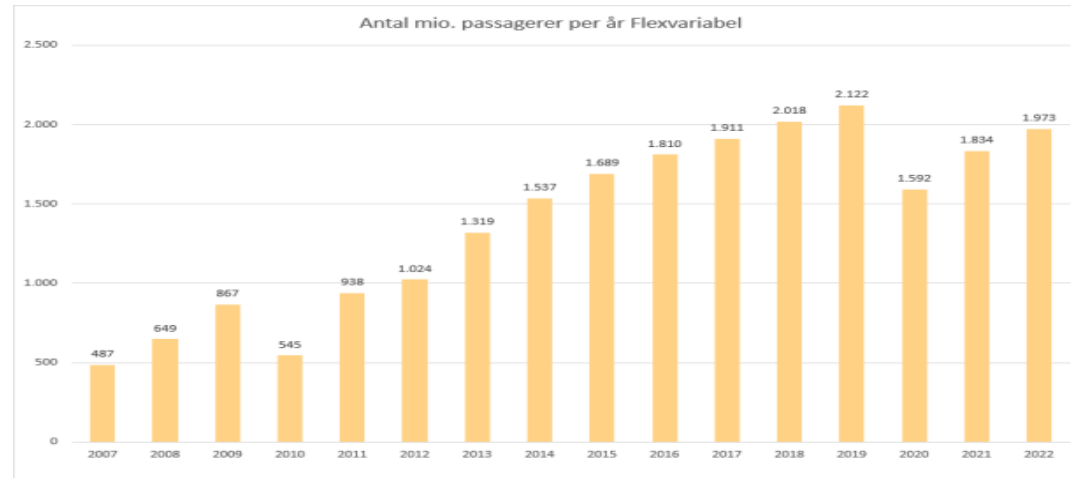


Trips are received, coordinated, dispatched and settled by a shared IT-system, operated by FlexDanmark, whereby economies of scale are leveraged and critical knowledge is maintained.



Why is Flextrafik a success?

Movia Flextrafik provides an easy solution for municipalities and regions.



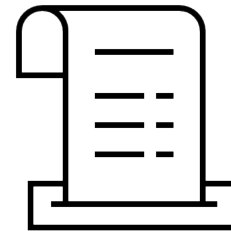
LOW PRICE

Economy of Scales



ORDER & DISPATCHMENT

Helps the customers



Quality Control

Ensures the quality



Invoices contractors

Easy payment



Green Transition

Activities

- Trials with small zero-emission vehicles (electric driveline)
- Dialogue with relevant partners and authorities about the capacity and availability of infrastructure for zero-emission vehicles
- Counselling municipality- and regional administrations on green transition

Challenges

- Zero-emission electrical vehicles with lift and wheelchair access still lacks sufficient range with current battery technology
- A growing fleet of electrical vehicles in general. A plan for expanding the zero-emission infrastructure for commercial use is therefore necessary
- Our IT planning and coordination system for demand responsive transport (flextrafik) needs an upgrade to automatically reserve time slots for charging and to optimize the use of electrical vehicles
- Matching charge infrastructure in planning system





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FLOT – Pilot project for DRT from bus stop to bus stop

DRT from bus stop to bus stop

- Replace large buses with smaller ones
- Ordering via App – technological update of “Dial-a-bus”
- Runs only when necessary and along flexible route
- Possibility of greater surface coverage with new bus stops

Integration with other systems in scheduled traffic

- The fare system from the traditional buses is used
- Rejsekort can be used
- Integration to Rejseplanen

Expected start in beginning of 2024

Summary

UITP

- Flextrafik is the public DRT-solution of Eastern Denmark
- Mix of trip purposes gets transported in same system and cars
- Makes it easy for municipalities in terms of tenders and payment



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Questions? Contact



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