



**GHGE**

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Goederenhub Groningen Eelde

# The team, partners and stakeholders

- Karel van der Lingen en Jan Don
- Goederenhubs Nederland
- Royal FloraHolland Eelde
- RuG, NHL Stenden
- Province of Drenthe, Gemeente Groningen
- Gemeente Tynaarlo, Provincie Groningen, SURFLOGH, GCC, Groningen Bereikbaar, Regio Groningen – Assen, TopDutch Logistics



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# The Issues

- **Social and environmental**
  - Economic loss as a result of congestion
  - Attractiveness of shopping streets reduced by trucks
  - NO<sub>x</sub>, SO<sub>x</sub>, PM en CO<sub>2</sub> emissions by diesel trucks
- **Shop owners in inner city**
  - Low flexibility in supply flow
  - Shortage of or expensive local storage
  - Garbage in that same storage
  - High barriers for E-commerce
- **Transport companies**
  - High costs of “last-mile”
  - Issues because of restricted time windows plus Ringweg Zuid



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# Goederenhub Groningen Eelde I

- **An Urban Consolidation Center: a logistical hub for the bundling of flows of goods into the inner city of Groningen and later the Region Groningen – Assen**
- **The service consists of this consolidation of flows of goods, reducing the number of required transport movements in and out of the city**
- **Focus on flows customers with sufficient volume and frequent deliveries: smaller shops with their supplies non-optimised**
- **The hub will use zero emission transport, with a special interest in the possibilities of hydrogen**
- **The hub aims to be “white label”, meaning all existing transport companies can offer their services to bring the consolidated flow into the city**



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# Goederenhub Groningen Eelde II

- The hub will allow for return flows out of the city for e-commerce and garbage disposal
- The hub will offer storage services allowing additional flexibility to the shop owners
- The hub is just south of the city (10 minutes to Emmapelein)
- The hub can become part of a regional web of hubs, consisting also of micro-hubs, packet stations and bicycle couriers
- The location of the hub (next to A28) is perfect for receiving very large trucks which means it has a unique function in such a web
- The location of the hub, next to the airport and its dronehub, next to the Noord-Willemskanaal and next to the “Bicycle Highway” also allows for experimental concepts of city and regional logistics



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