Mobility in Dutch Cities in 2050

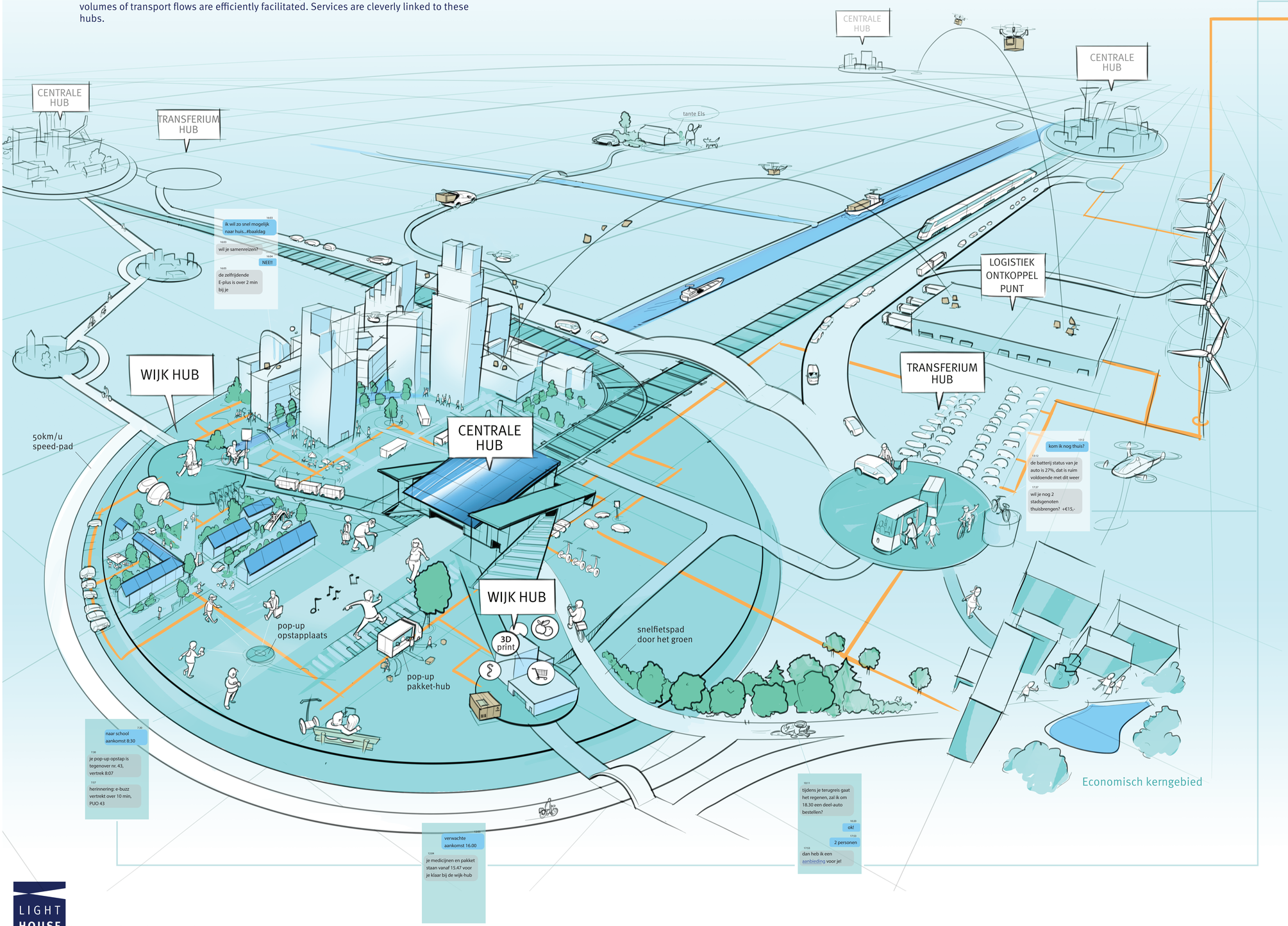
The desired future scenario is cocreated with representatives of the cities of Amsterdam, The Hague, Eindhoven, Rotterdam and Utrecht.

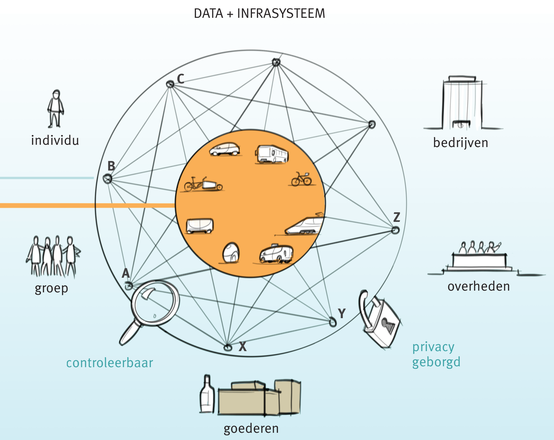
Ministerie van Infrastructuur en Waterstaat · Gemeente Amsterdam · Den Haag · EINDHOVEN · Gemeente Rotterdam · Gemeente Utrecht

A desired future scenario

In 2050, the Dutch will enjoy a clean, safe and healthy living environment in urban areas with zero-emission mobility solutions for people and goods.

Cities are attractive to live, work and stay in for a variety of lifestyles and ages. Space has been created because parked cars have disappeared from the streets. The dynamics in and between cities are facilitated by different connections and forms of transport. Logical choices for various hubs at district, central and regional level, with which the desired volumes of transport flows are efficiently facilitated. Services are cleverly linked to these hubs.





Elements of the desired future scenario of 2050 are:

The street is a habitat

In 2050, people in the Dutch city will be the key. The public space is pleasant, green and clean with attention for accommodation, recreation and play. A lively environment in city centres and economic core zones invites to be outside and facilities in the neighbourhoods encourage walking and cycling. There are no more cars parked, there is a shared space for slow traffic, such as bicycles and other smart 'last mile' mobility solutions for people and goods. Urban space is safe for all people. Residential areas are quiet living spaces in a pleasant living environment. Pedestrians have priority, parking spaces have been replaced by green space and space for outdoor activities. Public transport networks connect the various areas via multimodal hubs, where a switch can be made to various subsystems where (logistic) services are situated.

People have the choice

In 2050 everyone has the opportunity to go wherever they want through a wide and diverse range of connected (sub)systems of cars, bicycles, hoovers and drones, among others. The different and personal options are seamless, easily accessible and switching is easy. A lively societal and open mentality makes transport sharing a natural choice. Individual travel advice is based on real-time information where personal information (travel needs and preferences) and general information (weather, environment, price level, etc.) are used in combination with real-time analysis and the prediction of transport flows and travel behaviour. Integrated data and infrastructure systems are designed on human scale and freedom of choice for people, with attention for the public interest and privacy.

Smartly designed cities and connections

In 2050, cities are designed logically and smartly with attention to economic vitality and regional connections. Dutch cities and the ministry of infrastructure and water management work together so that the whole country can travel quickly and safely. There is a dense network of modalities with high reliability and good facilities for people and goods. Dutch cities work together and are leaders in the realisation of meaningful innovations that contribute to the major objectives, whereby appropriate regulations facilitate the dynamics and flexibility of innovation and structurally safeguard public interests. New value models for, for example, revenues from industrial sites or incentives for desirable behavior, coordinated between governments at local, regional and national level, are guiding.

LIGHT HOUSE / expertise in smart lighting and smart cities @ TU/e

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