



Tartu sustainable transport

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**TARK TARTU
SMART CITY**



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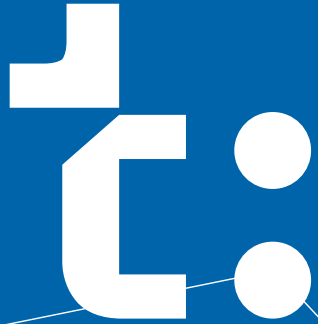
Smart city since 1632

- Second-largest city in Estonia
- Research and education centre
- University of Tartu was founded in 1632

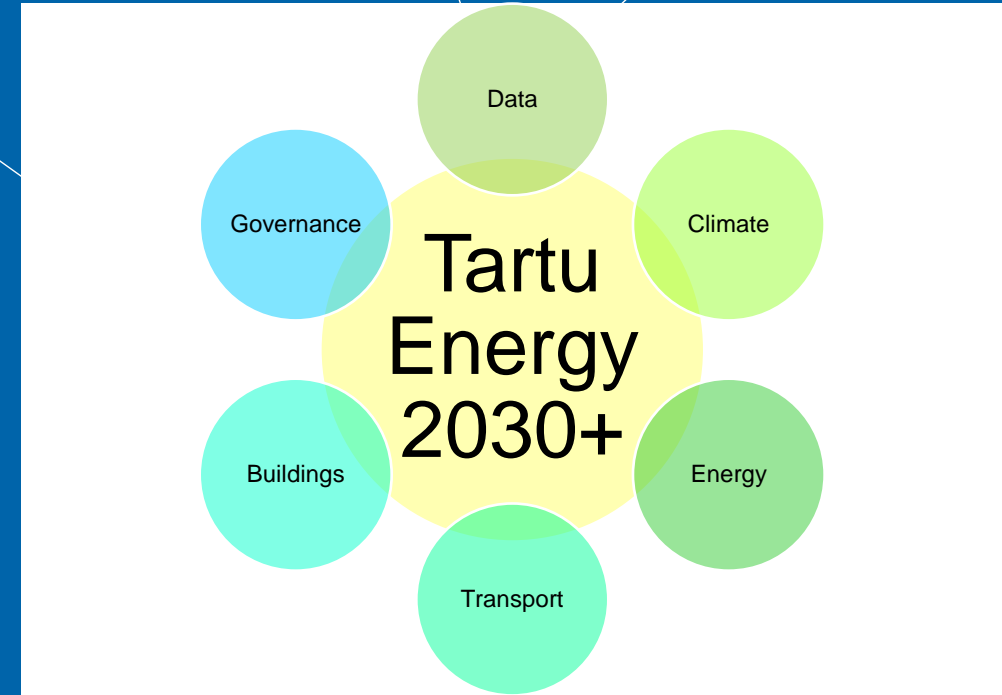
- Almost **100 000** citizens
- 50% are **under 35** years
- About **18 000** students
- Around **15 000** companies
- **3%** of unemployment
- **90%** uses internet
- **98%** holds ID-card



Tartu Energy and Climate Action Plan 2030



- Climate neutrality by 2050
- Participation in EU Mission „100 Climate Neutral Cities by 2030“
- Hydrogen

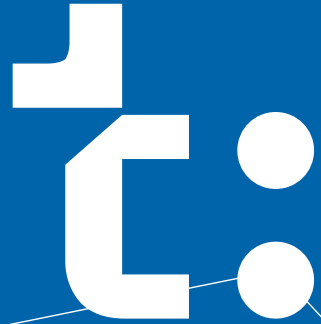


Energy and climate development plan for 2020 - 2030

Methodology: Secap, IUP

Delivery: April 2021

VISION:
Tartu is a smart community with good energy and a green pioneer.



Tartu Energy and Climate Action Plan 2030

2024:

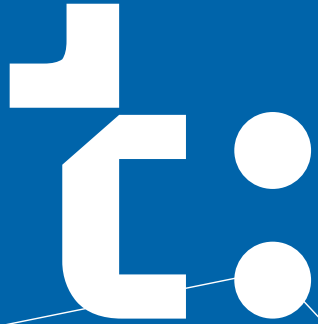
- Mobility centers on the city border
- City and county public transport harmonized
- Common ticketing system
- Fast and secure cross-border public transport connections
- The bicycle path network of the city center has been built

2028:

- The city's bicycle path network has been completed



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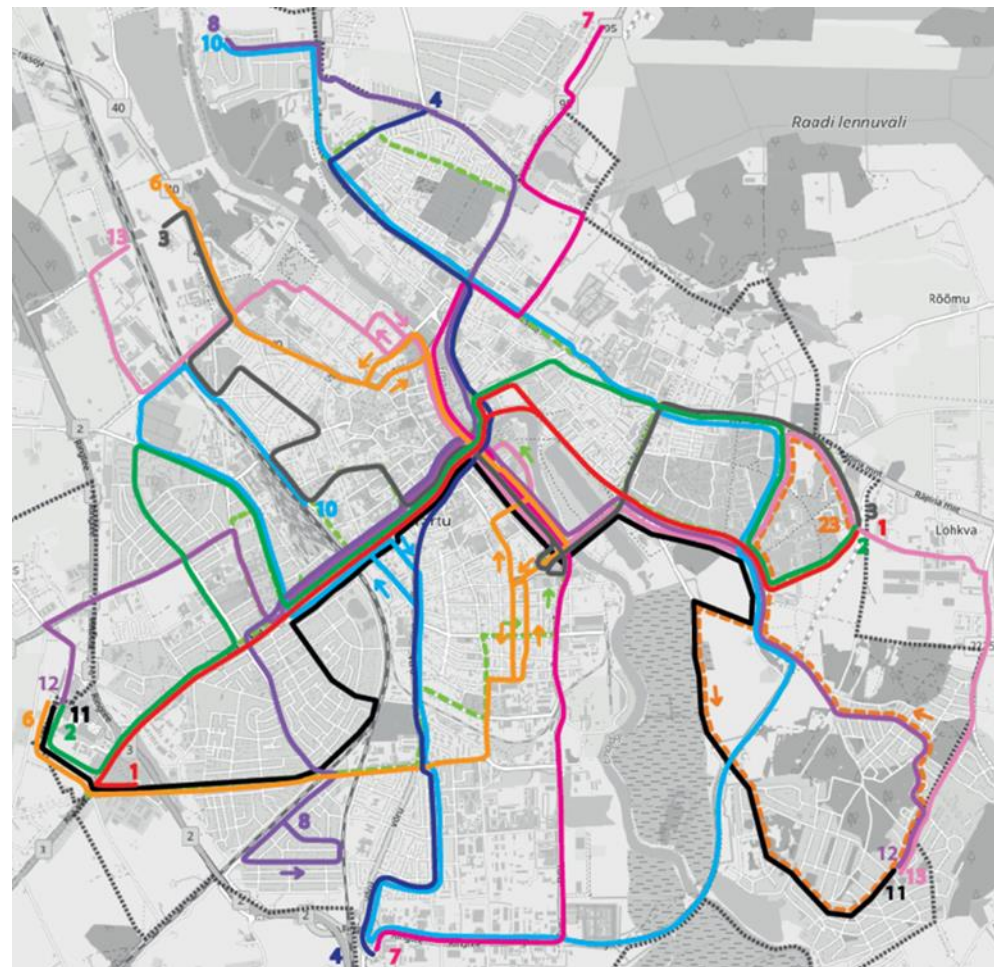


100% Carbon Neutral Public Transport System!



New buses and new bus line network

New biogas buses



New busline network

Data based planning

13 vs 26 lines

10% more passengers

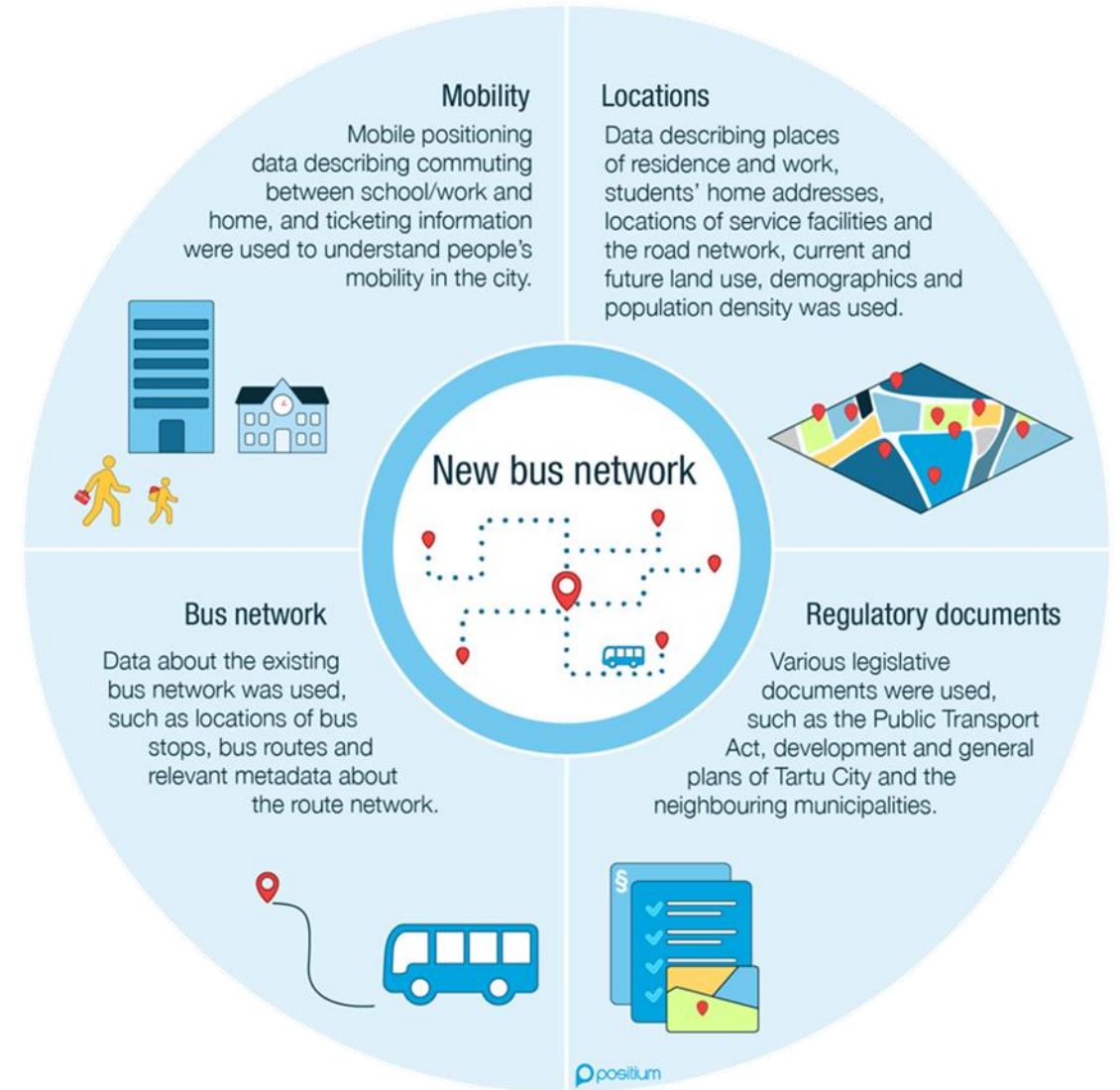
New bus route network of Tartu

Better living environment

- Increases the use of public transport
- More environmentally friendly
- Decreases the need for cars
- Eases parking problems
- Reduces traffic jams
- Smarter city

Better public transport

- Increased frequency of arrivals
- Integrated with bicycle sharing plan
- Inclusive of all demographic groups
- Buses for early-morning workers
- Safe connections to school
- Simpler route network



Bikesharing

- 500 pedelec (electric) bicycles, 250 regular bicycles
- More than 90 stations
- 6 017 000 km
- 2 246 000 rides
- Highest mileage per bike – over 6000 km
- Operated by Tartu Linnatransport (municipal public transport)



Bicycle library



Ootame kõiki huvilisi 19. veebruaril kell 16-18 Kõni tänavale (P-kõik) vahetus läheduses uudistama ja kastiratatega proovivõtta tegema! ?

Demopäeval tutvustatakse kolme erinevat elektrilist kastiratast:
7 üks ratast on mõeldud ainult kaubaveoks;
7 kaks ratast sobivad ka inimeste transpordiks.
Üritus on kõigile tasuta.

Rattad on pärit Hollandist, kus kastiratate kasutamisel on pikaajalised traditsioonid.
Tartu velorent on erinevate jalgrataste laenuus, mis tutvustab ja pakub nii erasikutele kui ka ettevõtjatele keskkonnamõistlikke liikumis- ja logistikavõimalusi.
Tartu velorenti haldab Tartu Linnatranspord.
Täpsemalt saad lugeda kodulehelt ? www.tartu.ee/velorent
Velorent on kutsutud ellu projekti CycloUrban+ raames Euroopa Kõigilõppprogrammi toel.

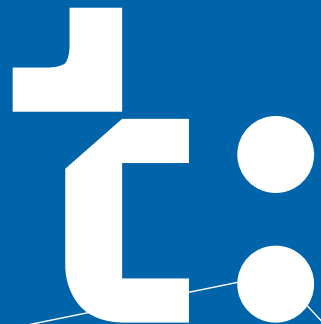
Event Venue & Nearby Stops
© Kõni, Tartu, 51003 Tartu Maakond, Eesti, Estonia



- Start : January 2021
- Name : Velorent
- Bicycles : 3 cargo-bicycles + 17 (Nov 2021)
- Average lending period: 10-14 days
- Trips : 0,6 – 24 km
- Main users : families
- New booking system (Nov 2021)
- New maintenance and lending point (Nov 2021)
- Operated by the Linnatranspord



Small steps –hydrogen, autonomous bus lines First Estonian Full Value Chain project



Application for support in
October 2021

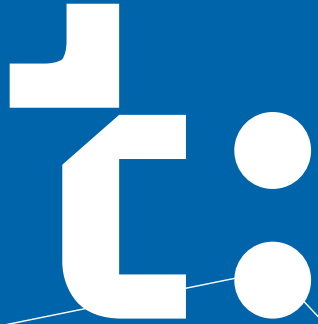
- 3 hydrogen buses
- First public HRS in Estonia
- First (large scale) green hydrogen production in Estonia
- 35 000 kg h₂ / y
- ~25 000 for public transport
- Pilot will start in 2023 and last 7 years



New infrastructure



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Thank you for your
attention!

Jaanus Tamm

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