

eBussed Final Event Hamburg  
19 May 2022



# Regional Journey e-bus in Utrecht

Jeroen Golstein  
Public Transport & Hubs  
Provincie Utrecht



**Interreg  
Europe**



European Union | European Regional Development Fund



# Content

## •Short Introduction Provincie

- Housing, Mobility & Energy

## •Public Transport Utrecht

- Organisation & Tenderingproces

## •Our e-bus position in 2019

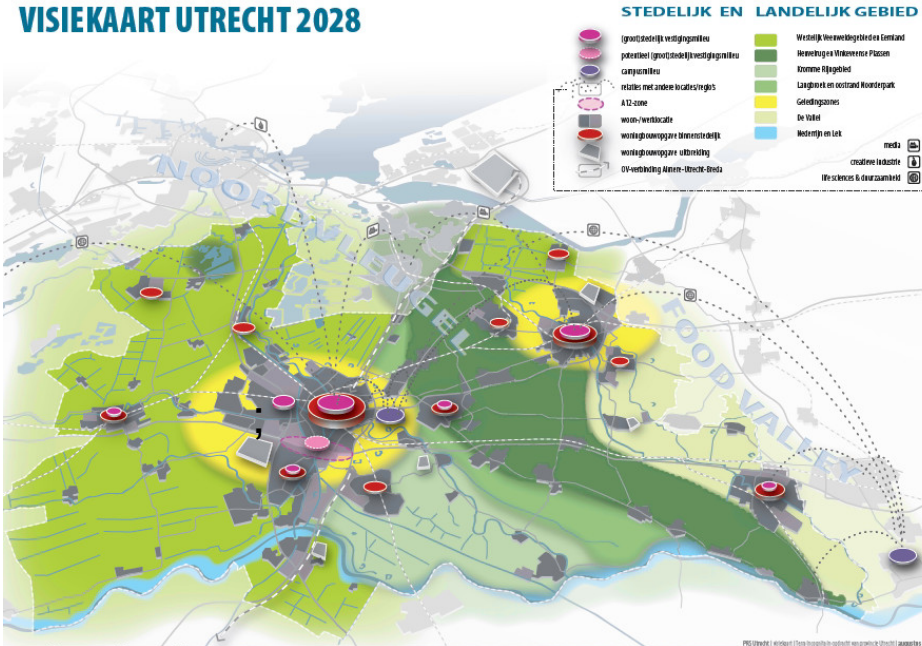
- Overview & Plans to 2023

## •Where we are now?

- Covid'19 impact
- Our e-bus inflow
- Our next steps to 2028



# Provincie Utrecht:

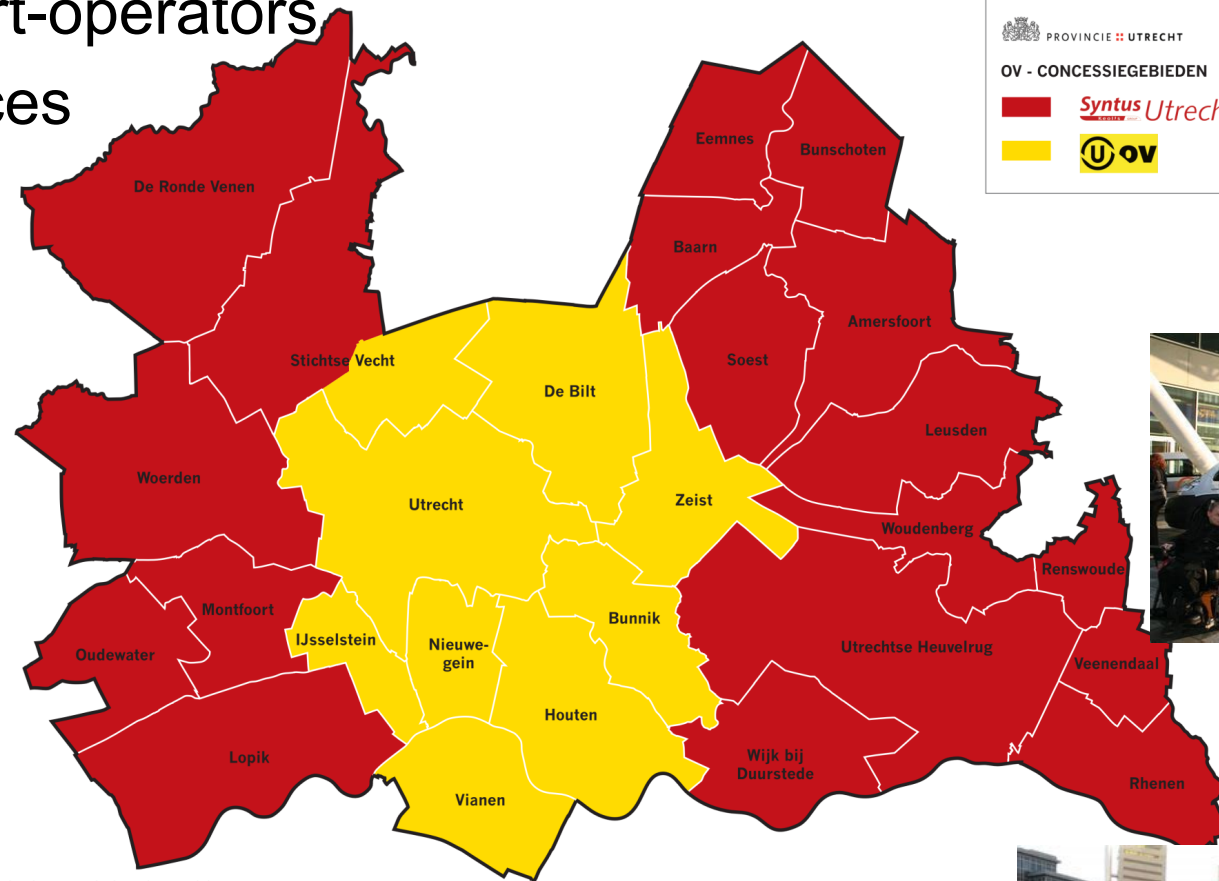


- 1,3 mln inhabitants
- 26 municipality's
- 2 urban area's; densely populated and dynamic economic region
- National/UNESCO-landscape's
- Central Position in the Netherlands:
  - High Mobility-profile (water, rail, road)



# Contracts:

- 2 Public transport-operators
- Social taxi services



LING FYSIEKE LEEFOMGEVING, TEAM GIS



# Our Zero Emission Targets & Schedule

Province of Utrecht aims at:

- **100% zero emission public transport in 2028:**
  - About **520 Zero Emission buses in total (+60 trams)**





# Status Quo 2019:



- **Deployment of:**

- 13 e-buses on 2 routes in the city of Utrecht (since 2014 and 2017)
- 2 busses on 1 route in the city of Amersfoort (since 2018)

- Pilot with electric Vienna-bus: opportunity-charging by tram electricity (2016)

- Dec 2019: new tramline opened, with new BRT-busnetwork “U-link”



# Plans...back in 2019

## In 2020:

- **New buses (from 13 to 76):**
  - 5 new e-buses in Amersfoort
  - 20 new e-buses in Utrecht region
  - 35 new e-buses in Utrecht city
- **New e-busdepots (Utrecht+Nieuwegein)**
- **Marketingcampagnes**
  - “ PT & Sustainability”
  - “ Promoting new tramline and new U-link busliners”

## **Till end 2023:**

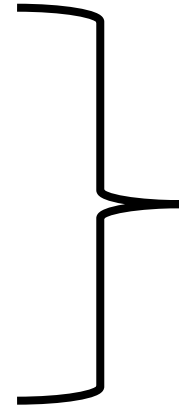
- Tendering proces
- Start new PT concessions



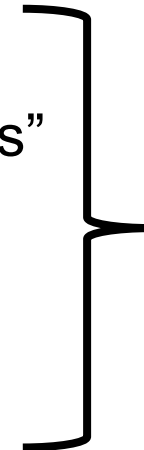
# ...actual timeschedule (COVID IMPACT)

## In 2020:

- **New buses (from 13 to 76): :**
  - 5 new e-buses in Amersfoort
  - 20 new e-buses in Utrecht region
  - 35 new e-buses in Utrecht city
- **New e-busdepots (Utrecht+Nieuwegein)**
- **Marketingcampagnes**
  - “ PT & Sustainability”
  - “ Promoting new tramline and new U-link busliners”



***DELAYED WITH MONTHS***



***POSTPONED WITH 2 YEARS***

## **Till end 2023:**

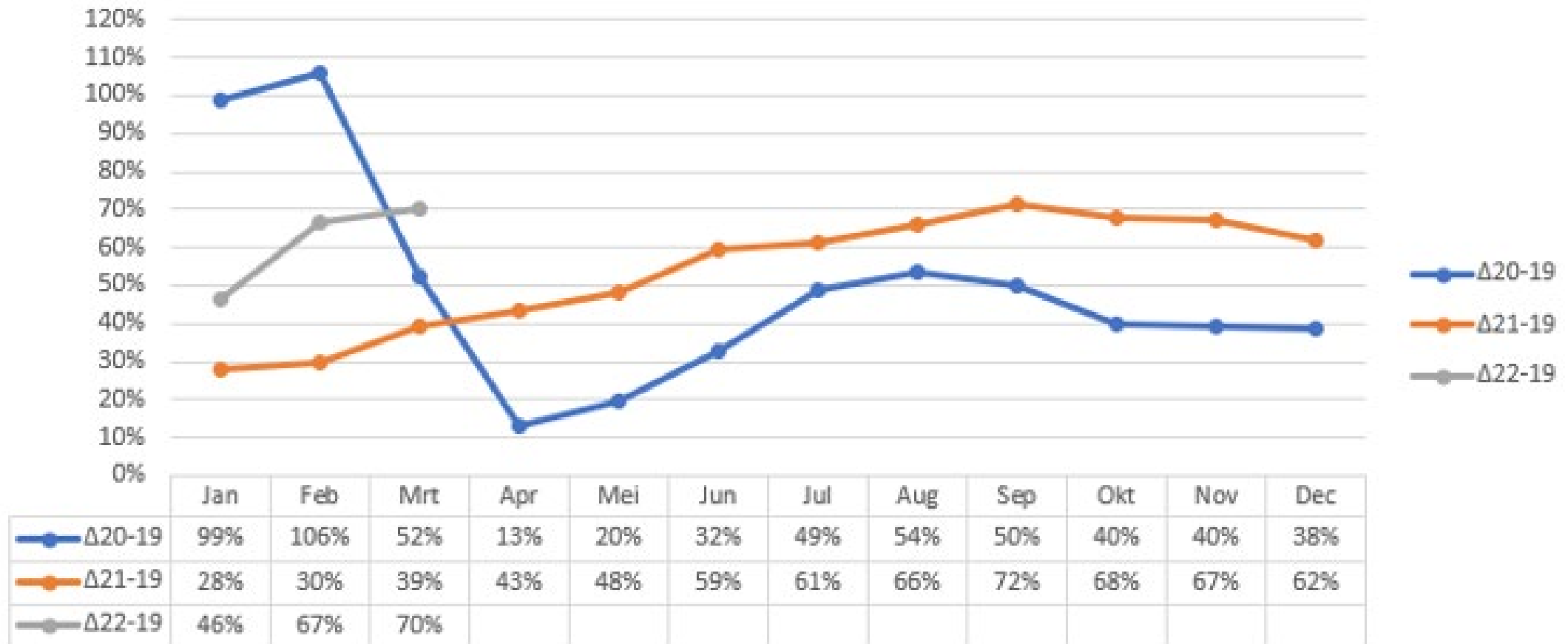
- Tendering proces
- Start new PT concessions



# COVID IMPACT ON PASSENGERS



(Monthly PT-passengerkilometers compared with 2019 in Utrecht)





# The COVID-situation had a huge impact...

- **In workprocesses, timeschedules and new measures**
  - No events, working at home, travelrestrictions
  - Timeschedule adapted to covid-measures (lock down e.g.)
  - Masks and (national) PT-information campagnes
- **A financial impact:**
  - National agreements with regional PT-authorities for extra funding (2020-2022)
  - Regional financial agreements with the PT-operators
  - Downsizing the PT-servicelevels with 8% less structural
  - High (energy)prices, personal shortage, demand for lower fares (climate ticket)?
- **Tenderingsproces**
  - Stand still in PT-tenderingprocess in the Netherlands
  - New bridging-concessions in Utrecht (2023-2025)



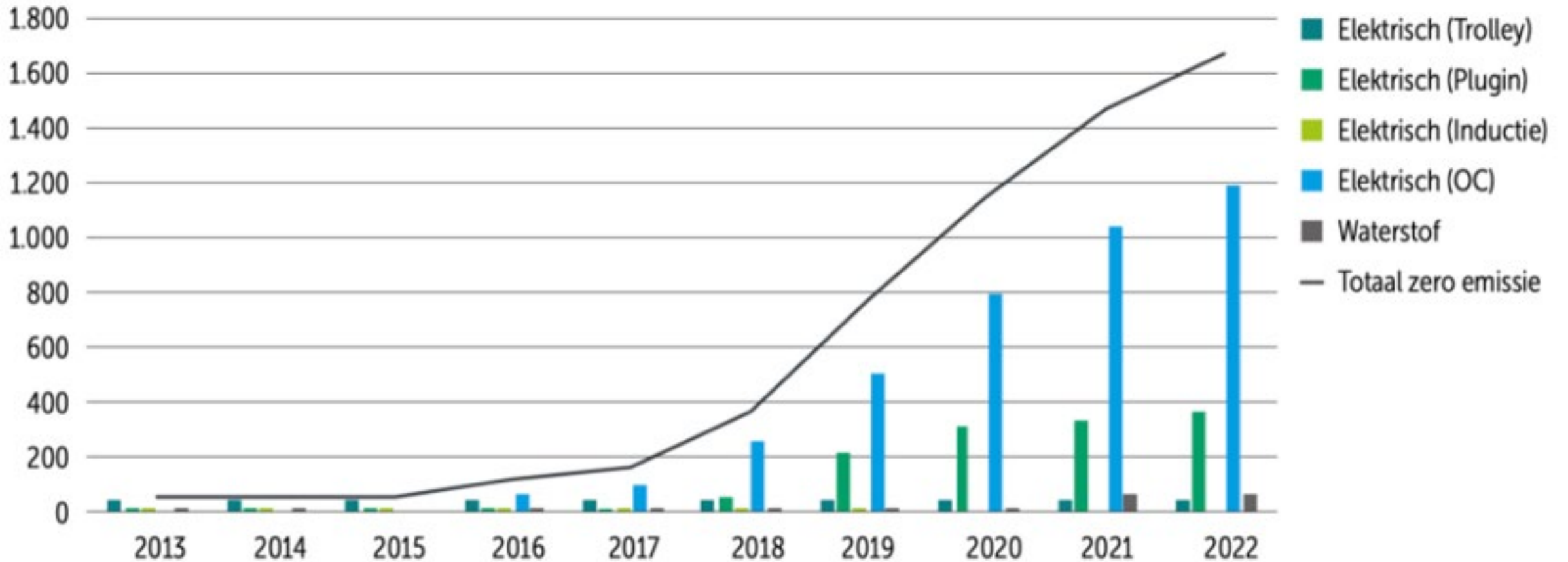
# Our expanding e-Bus fleet last 2 years.....

- Ebusco (31x)
- BYD (7x)
- Hueliez (35 new & 3 replaced the e-bus Optare)





# Inflow zero emission-buses in the Netherlands...





# What are our next steps towards 100% clean PT?

- **Procurement of new e-buses in the U-OV concession**
  - About 20 buses in operation 2023-2025
- **Preparations for new Tender 2025-2035:**
  - Marketconsultations (electric and hydrogen fuel)
  - ZE-bustransition in Program of Requirements
  - Make our Main busdepots & hubs Zero Emission ready
- **Implementation 100% ZE-fleet in new concession**
  - 2025-2028 (depends on outcome tendering)

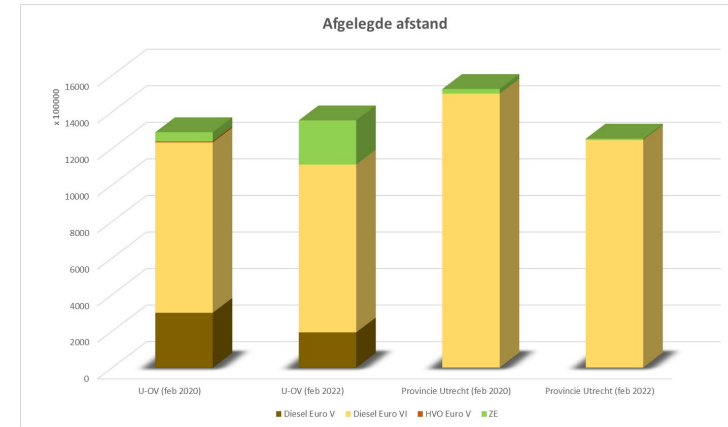


# What is in the Utrecht eBussed Action Plan 2022-2023?



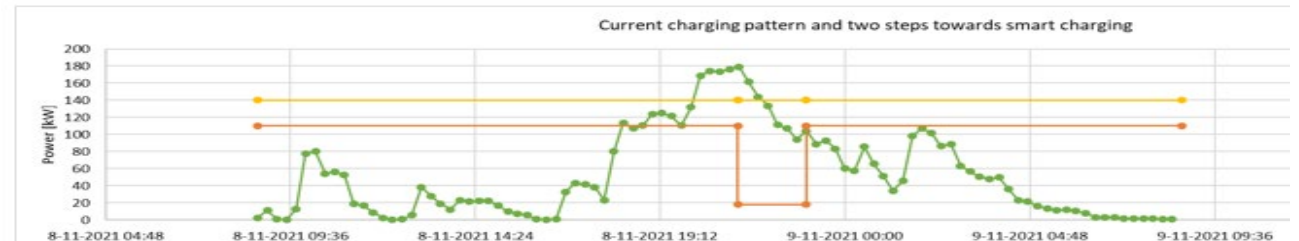
- **ZE-Monitoring 2.0:**

- New monitoringtool Provincie
- e-bus-preformance
- Emissions & energy-use
- Customersatisfaction



- **Storage and Smart Charging**

- Costreduction in energy-use
- Peekshaving the e-grid
- Testing on our busdepot



- **New innovation (midi) e-Bus on tour in region**

- Introduction new e-bustechnology
- Promotion and Communication





# Thank you!

Jeroen Golstein

Public Transport and Hubs

[Jeroen.Golstein@provincie-Utrecht.nl](mailto:Jeroen.Golstein@provincie-Utrecht.nl)

[www.interregeurope.eu/ebussed/](http://www.interregeurope.eu/ebussed/)

## More information

- on e-Bussed website:
  - Ebussed Library-Status Quo Fact Sheets
  - Good Practices
  - Thematic articles
  - News



**Interreg  
Europe**



European Union | European Regional Development Fund