



Cycle Data Hub

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ITS.BE



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ITS.BE



23 September 2021



Partners



STADT OLDENBURG

cyclodata®



B R U
G G E



EAST RIDING
OF YORKSHIRE COUNCIL



CITY OF
AARHUS



Cycling
Industries
Europe

hogeschool
vives



What is it?

CycleDataHub.eu

A central hub/a structured catalog for bicycle **datalinks**

- visibility
- innovation
- standardization

AIMS



ITS.BE



Interreg
North Sea Region
European Regional Development Fund



The Cycle Data Hub (hence CDH) collects data links on bicycle use, infrastructure, health, safety, climate impact, and bicycle business performance. These data are essential to give the cyclist more visibility in statistics, analyses, and policy. It was created with the support of the European project BITS. You can easily explore the CDH using keywords in the search bar or by navigating through one of the 6 themes. If you want to contribute data yourself, go straight to the 'Add your datalink' buttons

The BITS project has been co-funded by the European Regional Development Fund through the Interreg VB North Sea Region Programme with equivalent match funding from the 10 partners involved.

Search the Cycle Data Hub



Bicycle Business Performance



Cycle Infrastructure



Cycle Use



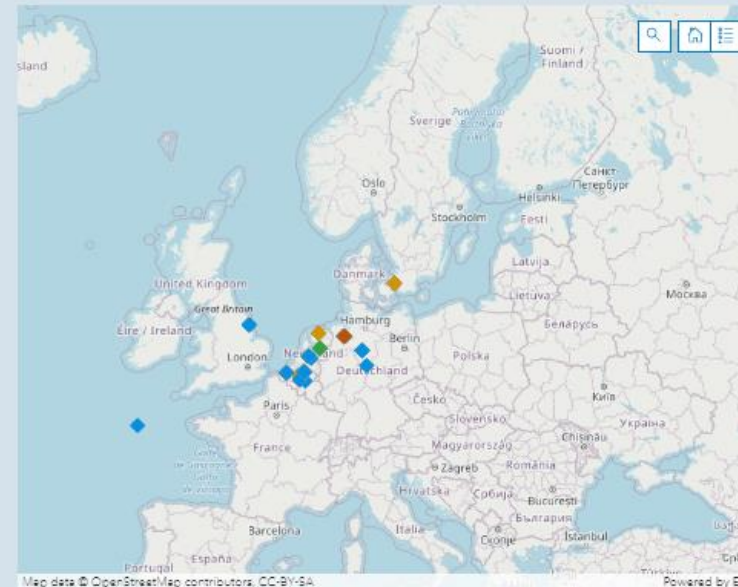
Environment/Emissions



(Personal) Health



Safety



Map data © OpenStreetMap contributors, CC-BY-SA

Only validated datalinks are shown.

124



Laatste update: één minuut geleden

Add a datalink

Add a datalink with
ArcGIS Online

European Regional Development Fund

EUROPEAN UNION

For who?

- **Contributors**

- **BITS partners** (pilot data, historical data)
- **Experts** (research facilities, businesses)
- **You?**

- **Users**

- everybody

We want you

REQUIREMENT

Your data should be available via a weblink

Collecting datalinks

- Your data remain yours
- GDPR
- Tags



Flexible

- Link your cycle data at [CycleDataHub.eu](https://cycledatahub.eu)

The screenshot shows a GIS item page for 'Strooiroute van de gemeentelijke fietspaden'. It includes a thumbnail map, metadata (created 18 sep. 2015, updated 26 mrt. 2021, 498 views), a description in Dutch about annual maintenance of cycling routes in Zwolle, and a list of map layers. On the right, there are buttons to open the item in Map Viewer, Scene Viewer, or ArcGIS Desktop, along with details like source (Feature Service), size (1 KB), and a star rating. Social media sharing icons, a share button, owner information (GE geoport), labels, and a URL are also present.

Data

Strooiroute van de gemeentelijke fietspaden

Feature Layer van [geoport](#)

Gemaakt: 18 sep. 2015 | Bijgewerkt: 26 mrt. 2021 | Aantal keer bekeken: 498

[Openen in Map Viewer](#)

[Openen in Scene Viewer](#)

[Openen in ArcGIS Desktop](#)

Beschrijving

Bron: Gemeente Zwolle

Peildatum: De strooiroutes worden jaarlijks gecontroleerd en waar nodig aangepast aan een gewijzigde situatie.

Omschrijving: Fietspaden in beheer van de Gemeente Zwolle waar gestrooid wordt als er gladheid voorspeld is. In woonwijken worden alleen de ontsluitingswegen gestrooid en niet de kleine wegen.

Kaartlagen

Strooiroute
Polylijnl laag

Gebruiksvoorwaarden

Publiek Domein Mark

Opmerkingen (0)

[Aanmelden](#) om een opmerking toe te voegen.

Details

Bron: [Feature Service](#)
Grootte: 1 KB
★★★★★

[f](#) [t](#) [s](#)

Delen

[Share](#)

Eigenaar

GE [geoport](#)

Labels

[Openbare ruimte](#), [Gemeente Zwolle](#), [Strooien](#), [Gladheid](#), [Winter](#), [Strooiroute](#), [Fiets](#), [cycle infrastructure](#)

Credits (toeschrijving)

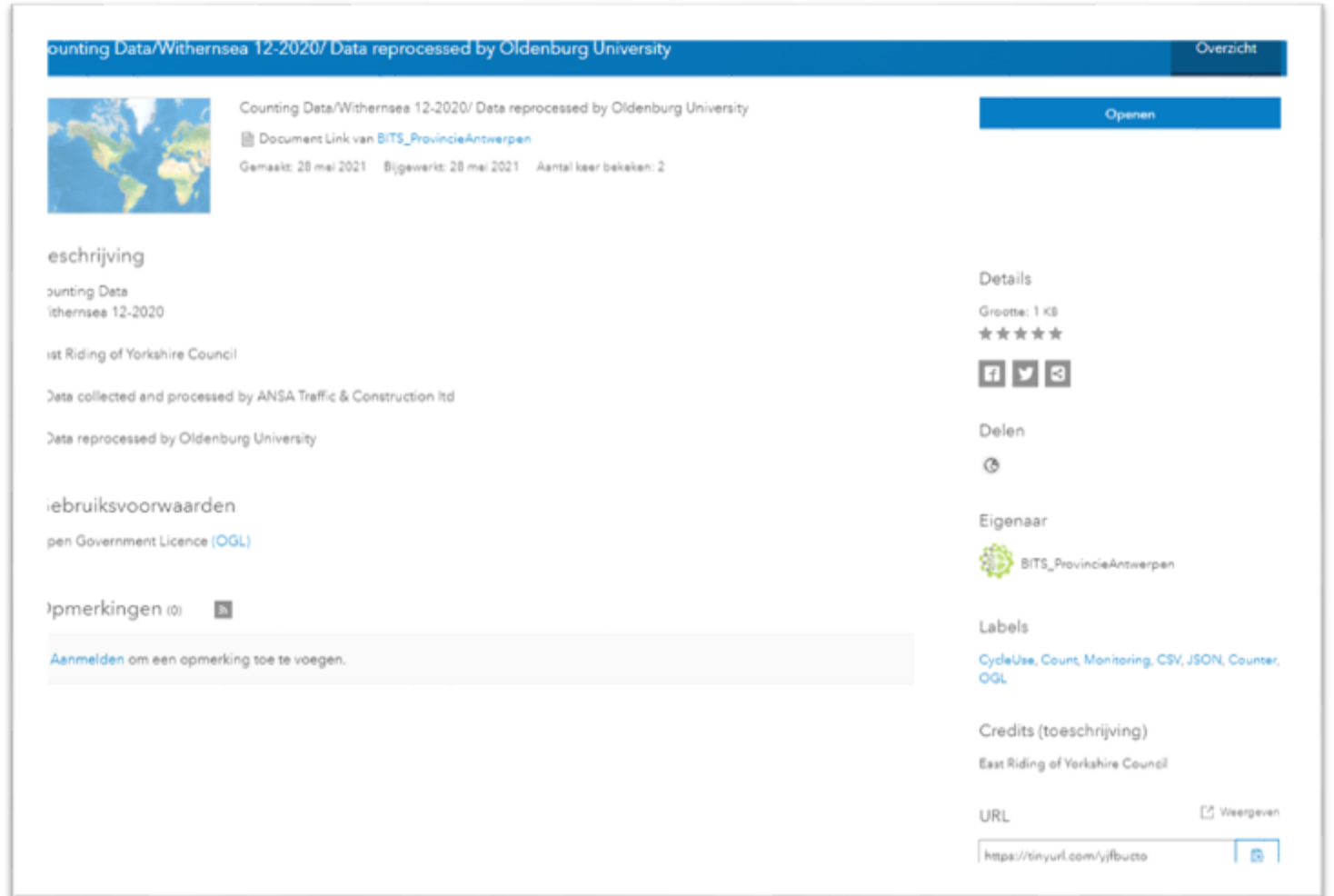
Gemeente Zwolle

URL

<https://services1.arcgis.com/3YlK...> [Weergeven](#)

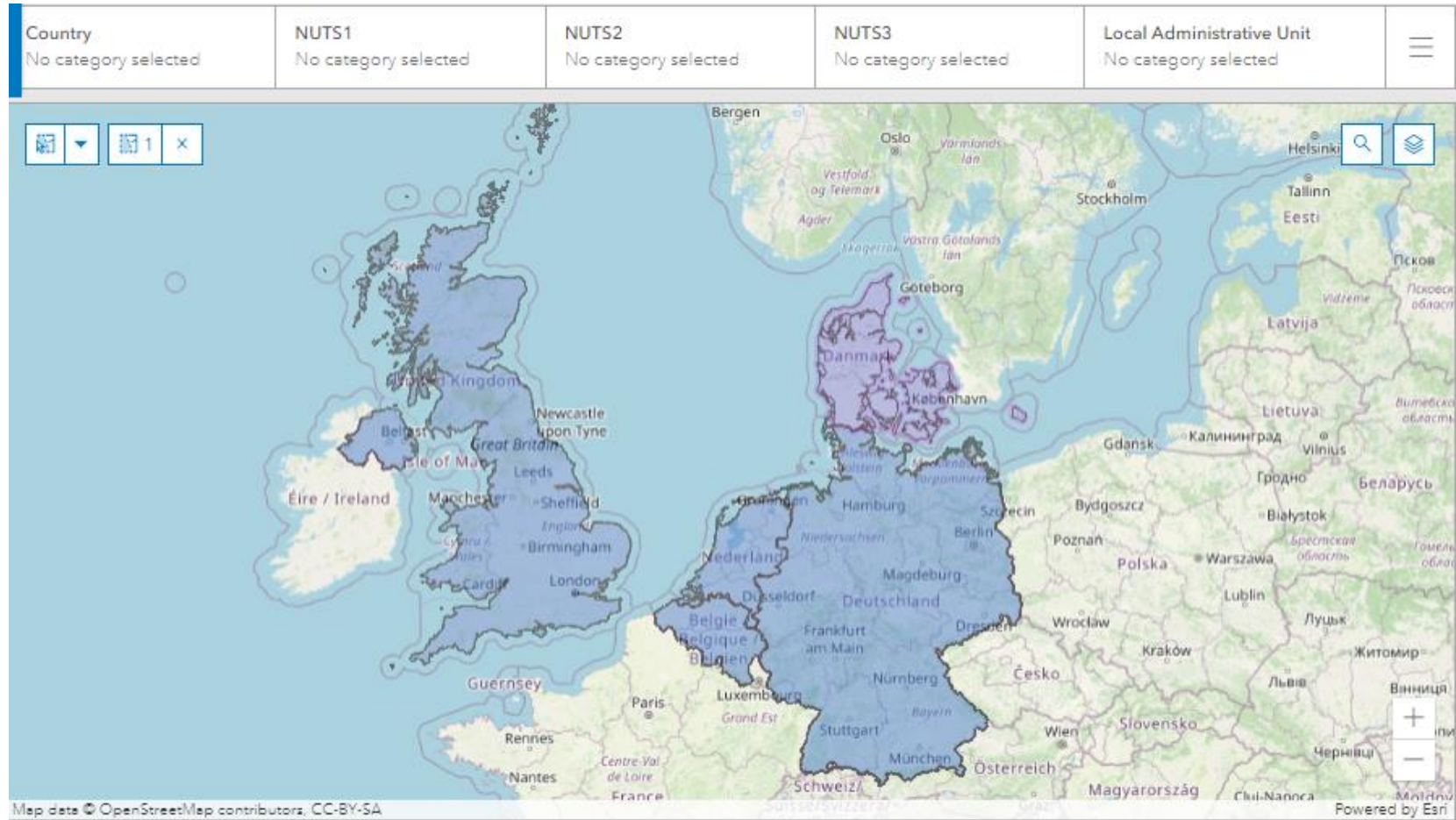
Experiment

- Link your cycle data at [CycleDataHub.eu](https://cycledatahub.eu)



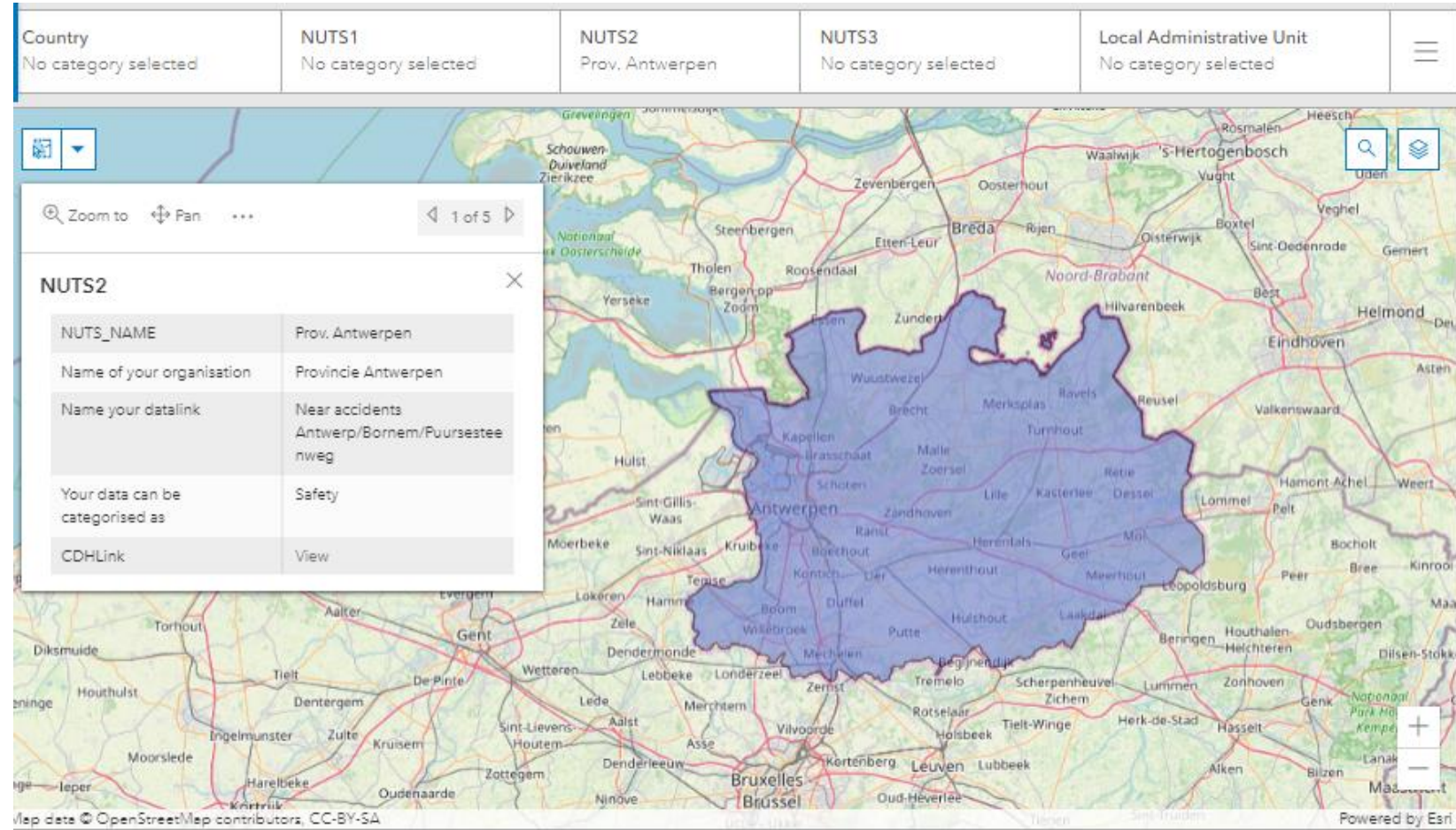
The screenshot shows a data record page on CycleDataHub.eu. The title bar at the top is blue and contains the text "Counting Data/Withernsea 12-2020/ Data reprocessed by Oldenburg University" and a tab labeled "Overzicht". Below the title bar is a map of the world with a red dot in the UK. To the right of the map, the title "Counting Data/Withernsea 12-2020/ Data reprocessed by Oldenburg University" is repeated, followed by a document icon and a link "Document Link van BITS_ProvincieAntwerpen". Below this, it says "Gemaakt: 28 mei 2021", "Bijgewerkt: 28 mei 2021", and "Aantal keer bekeken: 2". A blue button labeled "Openen" is on the right. The main content area has a heading "Beschrijving" and text: "Counting Data Withernsea 12-2020", "East Riding of Yorkshire Council", "Data collected and processed by ANSA Traffic & Construction Ltd", and "Data reprocessed by Oldenburg University". Below this is a heading "Gebruiksvoorwaarden" and text: "Open Government Licence (OGL)". There is a section for "Opmerkingen (0)" with a button "Aanmelden om een opmerking toe te voegen". On the right side, there are sections for "Details" (Grootte: 1 KB, 5 stars, social media icons), "Delen" (share icon), "Eigenaar" (BITS_ProvincieAntwerpen), "Labels" (CycleUse, Count, Monitoring, CSV, JSON, Counter, OGL), "Credits (toeschrijving)" (East Riding of Yorkshire Council), and a "URL" field with a "Vergeven" button and a link "https://tinyurl.com/yjfbu6to".

From Europe to countries



Preview renewed CDH

Provinces and Cities



Preview renewed CDH

Work on standards



CSV



Fietsbarometer



Projektgruppe
Bicycle Data

Enrichment & KPI

OSLO / NAP/

- **OSLO (Open Standard Linked Organisations)**
 - Cycling Infrastructure (Flanders)
- **National Access Point**



Info provision to cyclists



Bike parking & bike sharing info



Green light indicator

Interactive systems



Ping



gamification

Infra-based ITS



Smart signage & lighting



Traffic light with rain sensor
(source: RTV Rijnmond)
2:07 / 3:15

Bicycle data collection



Bicycle counters



Floating bicycle data

bits@provincieantwerpen.be
cycledatahub.eu



@BITS_EU



@BITS.EU



company/bicycles-and-its-bits



northsearegion.eu/bits



info@cyclingindustries.com



Provincie
Antwerpen

