

Track record

Selected projects

Computer transport models and mobility data, 2014-2026.

What we did, for whom and how to check it

24 projects out of more than 300 that the company has delivered since 2007, chosen to show what we do: computer transport models, mobility data and the software around them. The website does not carry this record.

Each project has a code, such as P067. The code is all you need to ask for the full details: the client, the contract value and dates, our role, the key experts and the reference letter where one exists.

We name a client here only where the client has agreed in writing to be cited, by a reference letter for that project, or has published the result with our work in it. Other clients are described by the type of organisation and the country. Contact persons, contract values and exact dates are never printed; we give them on request, once the client agrees.

Marks on the cards

■ Reference letter	the client's letter is on file and comes with the project sheet
■ As A+S Ukraine	delivered under our former name, the same legal entity until October 2021
■ Ongoing	work continues at the date of this edition

Illustrations are exports from our computer transport models and GIS databases, recoloured into one palette.

2007

founded in Kyiv

300+

projects since 2007

60+

reference letters

24

projects in this booklet

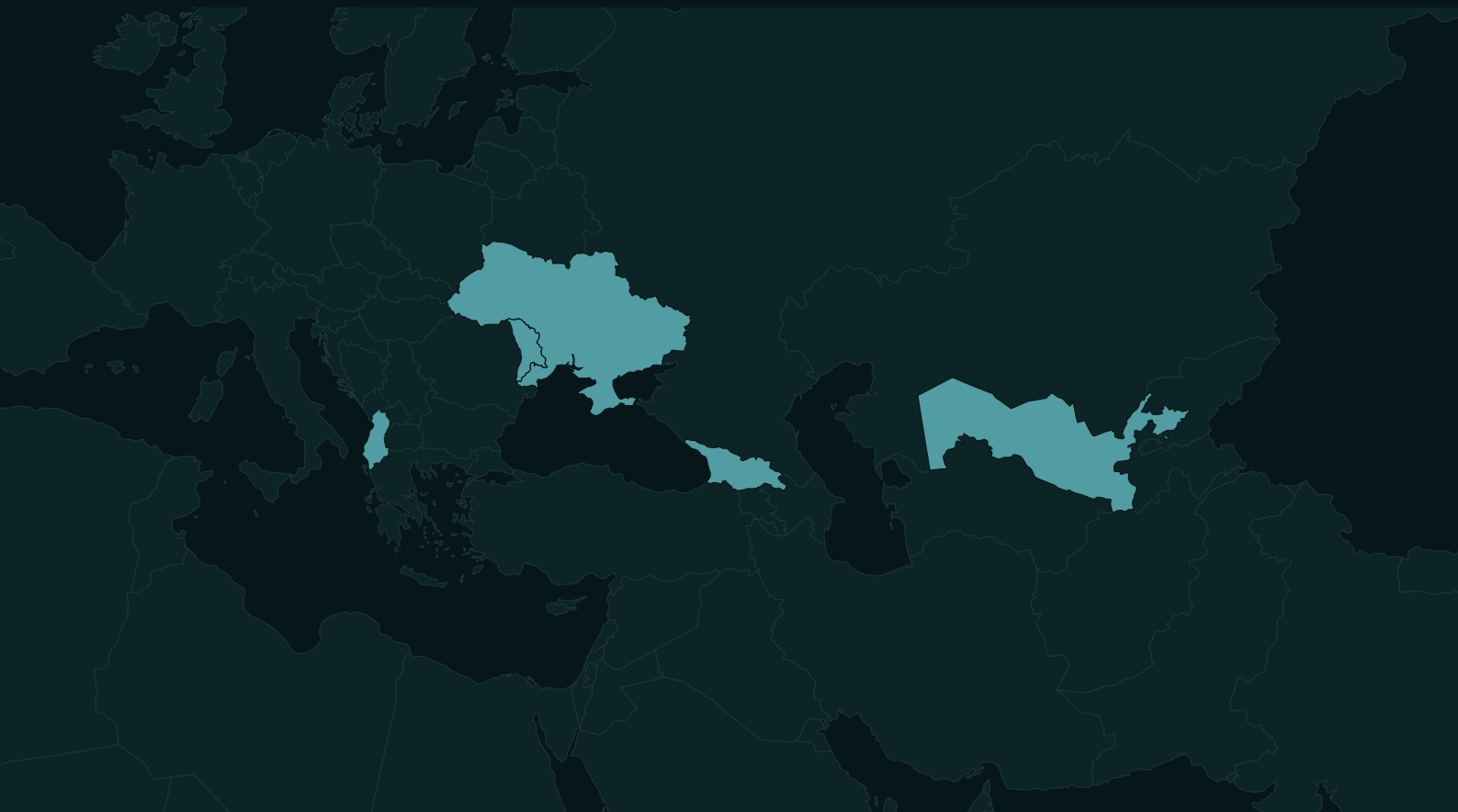
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National model: traffic volumes on the road network, PCU

Where the work in this booklet was done



Ukraine

19 projects

Georgia

2 projects

Albania

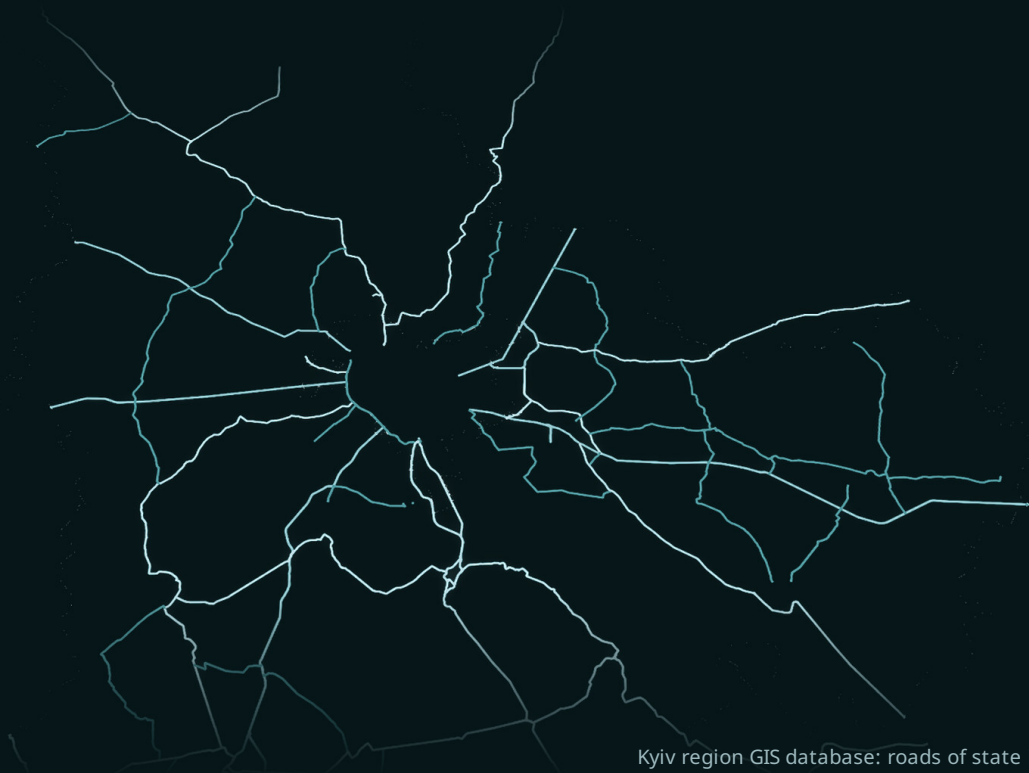
2 projects

Uzbekistan

1 projects

Moldova

1 projects



Kyiv region GIS database: roads of state importance

Chapter 01

Countries and corridors

National and regional computer transport models, road investment, tolling, weigh-in-motion and cross-border logistics.

6 projects

P016	National road user charging
P307	Road investment prioritisation
P301	Kyiv region transport master plan

P046	A1 motorway toll system options
P006	Toll plaza verification
P033	Ukraine-Moldova logistics chains



National model: modelled road speeds

P016

2024-2026

National road user charging

Ukraine

1,476

zones in the national model

177,982

network links

12

demand matrices by vehicle class

Modelling and data work for the national road user charging strategy. We built a national computer transport model on TomTom speed data, defined the charged network and the charge level, and forecast revenue by scenario. The same model later became the base for corridor studies.

Client

Swedish road engineering consultancy, for Ukraine's road sector



A1 motorway model: microsimulation of the toll plaza and interchange

P046

2022

A1 motorway toll system options

Albania

21 km

of motorway in the microsimulation model

3

toll systems compared: open, closed, mixed

4

reports, cost-benefit analysis included

Microsimulation of 21 km of the Thumane-Kashar motorway with open, closed and mixed toll collection, different plaza locations and numbers of lanes. Four reports, including the cost-benefit analysis of the toll collection options for the design of electronic toll collection.

Client

Sweroad (Sweden)

■ Reference letter

P307

2025-2026

Road investment prioritisation

Ukraine

Traffic volumes for every candidate road section on the national computer transport model, calibrated on 2024-2025 counts, weigh-in-motion and border crossing data, with separate treatment of frontline roads. Estimates by vehicle class and forecasts to 2045 feed the multi-criteria ranking of projects.

Client: International transaction adviser, for a European development bank

■ Ongoing

P301

2024

Kyiv region transport master plan

Kyiv region, Ukraine

Baseline analysis for phase 2 of the Kyiv region transport master plan: policies, land use, intelligent transport systems and inputs for reconstruction. Report, graphics and statistics delivered to the consortium.

Client: Korean consortium of transport research and engineering organisations

■ Reference letter

P006

2024

Toll plaza verification

Albania

Microsimulation in PTV Vissim of 32 km of an A1 motorway extension with two interchanges: 18 toll plaza scenarios, traffic balanced across plaza lanes through the COM interface, and a scenario manager with forecast models. The result confirmed or corrected the number of lanes for the detailed design.

Client: UK engineering consultancy

■ Reference letter

P033

2025

Ukraine-Moldova logistics chains

Ukraine and Moldova

Assessment of key logistics supply chains between Ukraine and Moldova: site visits to critical border crossings, bottlenecks and recommendations to simplify procedures. Our technical report fed the final recommendations.

Client: Haskoning (Netherlands), for the World Bank

■ Reference letter



Kyiv model: public transport passenger flows

Chapter 02

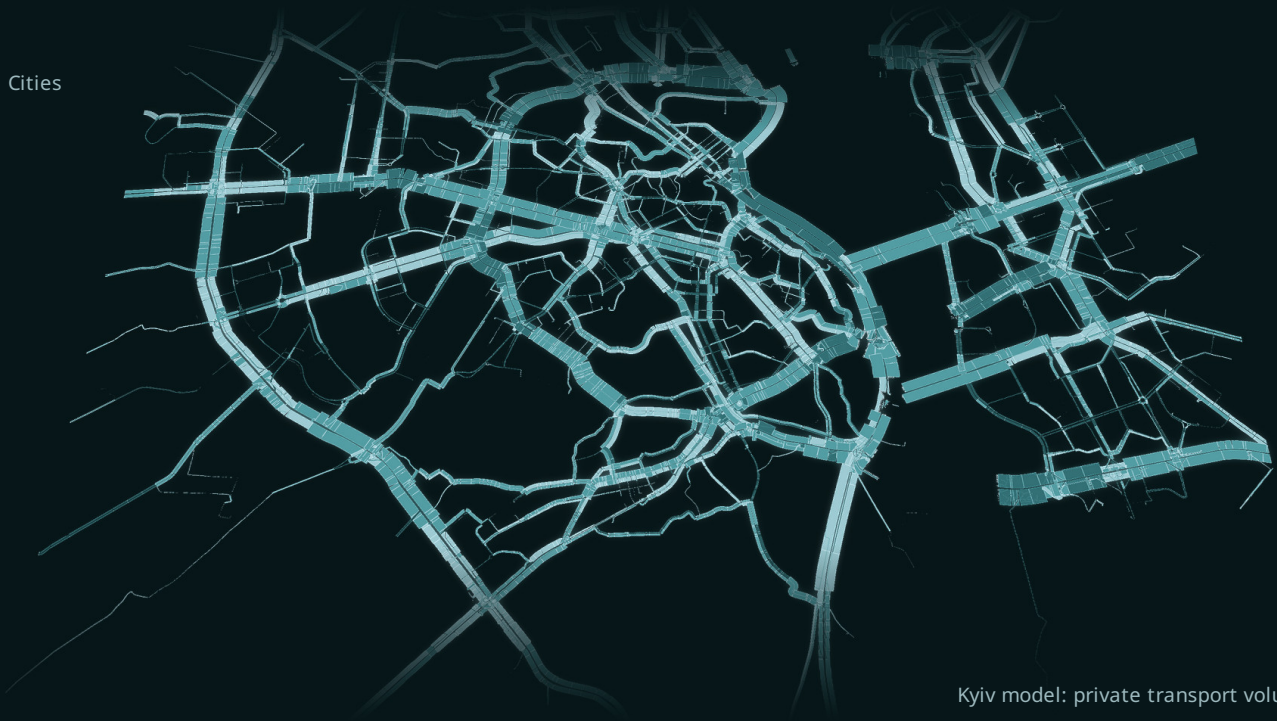
Cities

Computer transport models of cities, sustainable urban mobility plans and public transport reform, built on surveys and measured data.

8 projects

P225	Kyiv computer transport model
P302	Tbilisi computer transport model update
P067	Tashkent bus reform
P255	Mykolaiv sustainable urban mobility plan

P058	Mariupol public transport restructuring
P100	Dnipro computer transport model
P068	Tbilisi station area options
P224	Troieshchyna rapid transport



Kyiv model: private transport volumes

P225

2014-2015

Kyiv computer transport model

Kyiv, Ukraine

407

transport zones

482

public transport routes

15

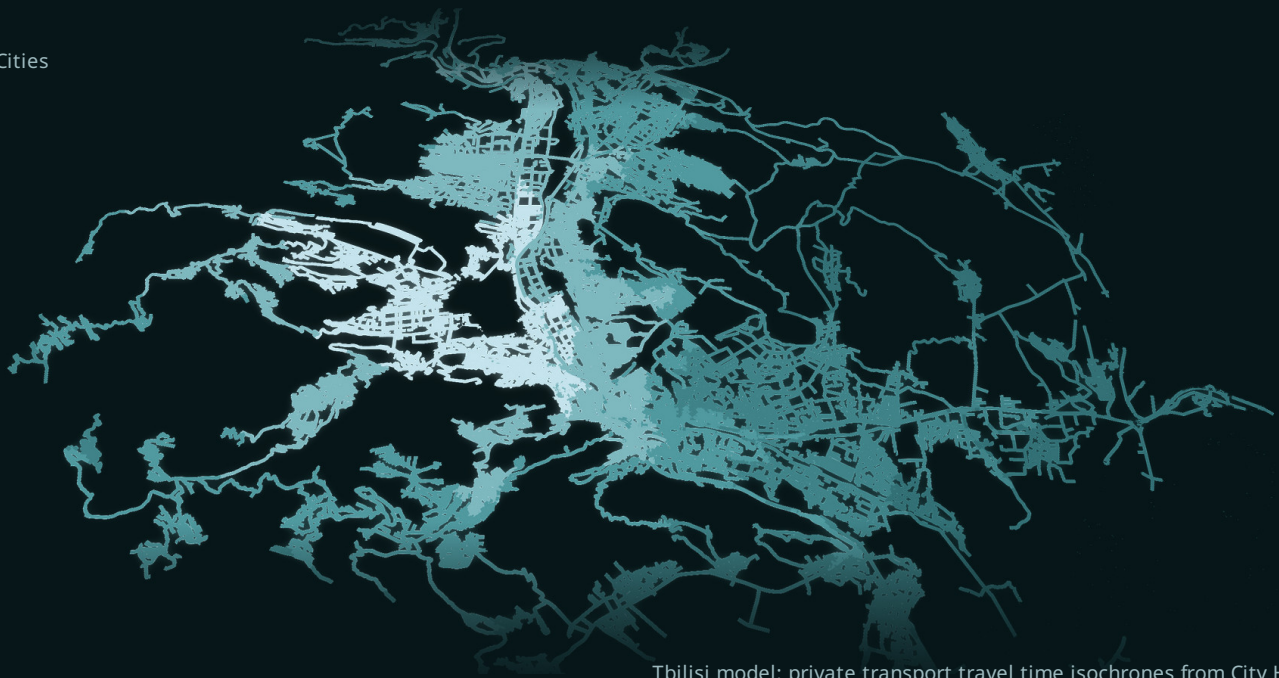
demand layers

The first computer transport model of Kyiv and its suburbs, with a database of demand and supply surveys. For a decade it served as the base for the cycling concept, river transport, parking control, the Podil strategy and other projects of the city.

Client

Kyiv City State Administration, Department of Urban Planning and Architecture

■ Reference letter ■ As A+S Ukraine



Tbilisi model: private transport travel time isochrones from City Hall

P302

2024-2026

Tbilisi computer transport model update

Tbilisi, Georgia

1.49 m

residents in the model

683

transport zones

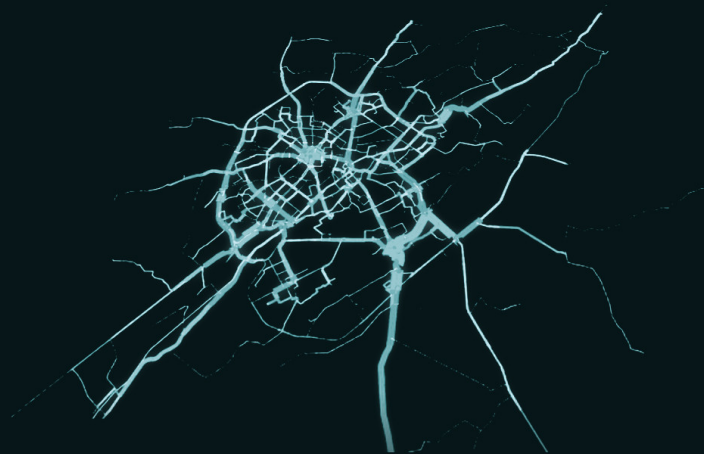
576

public transport routes

Update of the Tbilisi computer transport model on new surveys, with public transport data collected with our own TransitWand app. Delivered: the model, a model report, twenty monthly reports and training for the city agency.

Client

Italian engineering consortium, for Tbilisi City Hall; financed by a multilateral development bank



Tashkent model: number of bus routes on each network link

P067

2023-2024

Tashkent bus reform

Tashkent, Uzbekistan

2

phase of the city bus reform supported

3

reports delivered

2024

reference letter from the World Bank

Support to the reform of bus operations in Tashkent: a simplified computer transport model of the city, cost matrices, a microsimulation of the Shota Rustaveli corridor, a passenger survey questionnaire and three reports.

Client

The World Bank

■ Reference letter

Mykolaiv sustainable urban mobility plan

Mykolaiv, Ukraine

251

transport zones

53

public transport routes

4

plans: mobility, safety, cycling, public transport

A complete sustainable urban mobility plan (SUMP) for a Ukrainian city: a multimodal computer transport model with 251 transport zones and 53 public transport routes, a public transport network with vehicle types and headways, a cycling plan, road safety, three round tables and training for city staff.

Client

Mykolaiv City Council

■ Reference letter ■ As A+S Ukraine

P058

2018

Mariupol public transport restructuring

Mariupol, Ukraine

The first multimodal computer transport model of Mariupol, 180 transport zones and 82 public transport routes, and a restructured public transport network: vehicle types, headways, stakeholder round tables and training for the city.

Client: International Finance Corporation (IFC)

■ Reference letter ■ As A+S Ukraine

P100

2019

Dnipro computer transport model

Dnipro, Ukraine

Multimodal computer transport model of Dnipro and its suburbs: 1.37 million residents, 316 transport zones, 204 public transport routes. Household and passenger surveys, video counts processed by our computer vision software. Base and forecast models handed to the city with a user guide.

Client: Dnipro City Council, Department of Transport and Transport Infrastructure

■ Reference letter ■ As A+S Ukraine

P068

2022-2023

Tbilisi station area options

Tbilisi, Georgia

Options for reorganising traffic around Tbilisi central railway station for the East-West Green and Inclusive Connectivity project: modelling, a shortlist and multi-criteria analysis. Our work went into the final concept appraisal.

Client: Integrated Transport Planning Ltd (UK)

■ Reference letter

P224

2019-2020

Troieshchyna rapid transport

Kyiv, Ukraine

Focus groups and a mobility survey of residents of Troieshchyna, a district of about 500,000 people without rail, transport zoning for 2025 and 2030, and a multi-criteria analysis of rapid transport alternatives.

Client: Multilateral development bank, for the city administration

■ As A+S Ukraine



Kyiv region GIS database: population by transport zone

Chapter 03

Data, analytics and standards

Databases, analytics on measured data and national guidance on how computer transport models are built.

5 projects

P021	Healthcare network mapping
P202	Parking demand and tariff coefficients
P179	National guidance on traffic flow modelling

P338	Automated parking control
P004	Transport asset companies

P021

2024-2025

Healthcare network mapping

Ukraine

PostGIS

database of facilities, territories and displaced people

Python

travel time scripts on measured road speeds

Ukraine

the whole country, handed over as a database

Accessibility of healthcare providers across Ukraine. We built a PostgreSQL and PostGIS database of facilities, administrative units and internally displaced people, computed travel times with Python scripts on TomTom speed data, and handed the database to the client for further use.

Client

UN specialised agency for health, regional office

P202

2022

Parking demand and tariff coefficients

Kyiv, Ukraine

Demand for parking lots across Kyiv and location coefficients for the parking tariff, calculated from the data of the city's paid parking system for three periods of 2021.

 Client: Kyivtransparkservis (municipal enterprise)

■ Reference letter

P179

2022

National guidance on traffic flow modelling

Ukraine

We took part in drafting the methodical recommendations MR V.2.2-37641918-928:2022 on traffic flow modelling for evaluating road infrastructure design decisions, a national normative document of Ukraine.

 Client: State road research institute

P338

2017

Automated parking control

Kyiv, Ukraine

Feasibility study for automated control of parking space in Kyiv: the state of the sector, development options, technical requirements for the system and an assessment on the city's computer transport model.

 Client: Kyivtransparkservis (municipal enterprise)

■ Reference letter ■ As A+S Ukraine

P004

2023-2024

Transport asset companies

Ukraine

Market review for enabling transport asset companies in Ukraine: urban public transport, long-distance buses, last-mile delivery and road reconstruction. Route and fleet data, ownership and key players, used in the feasibility assessment.

 Client: Steer (UK)

■ Reference letter



Kyiv model: street network

Chapter 04

Streets, junctions and developments

Microsimulation of junctions, bridges, airport and city districts, with video counts processed by our computer vision software.

5 projects

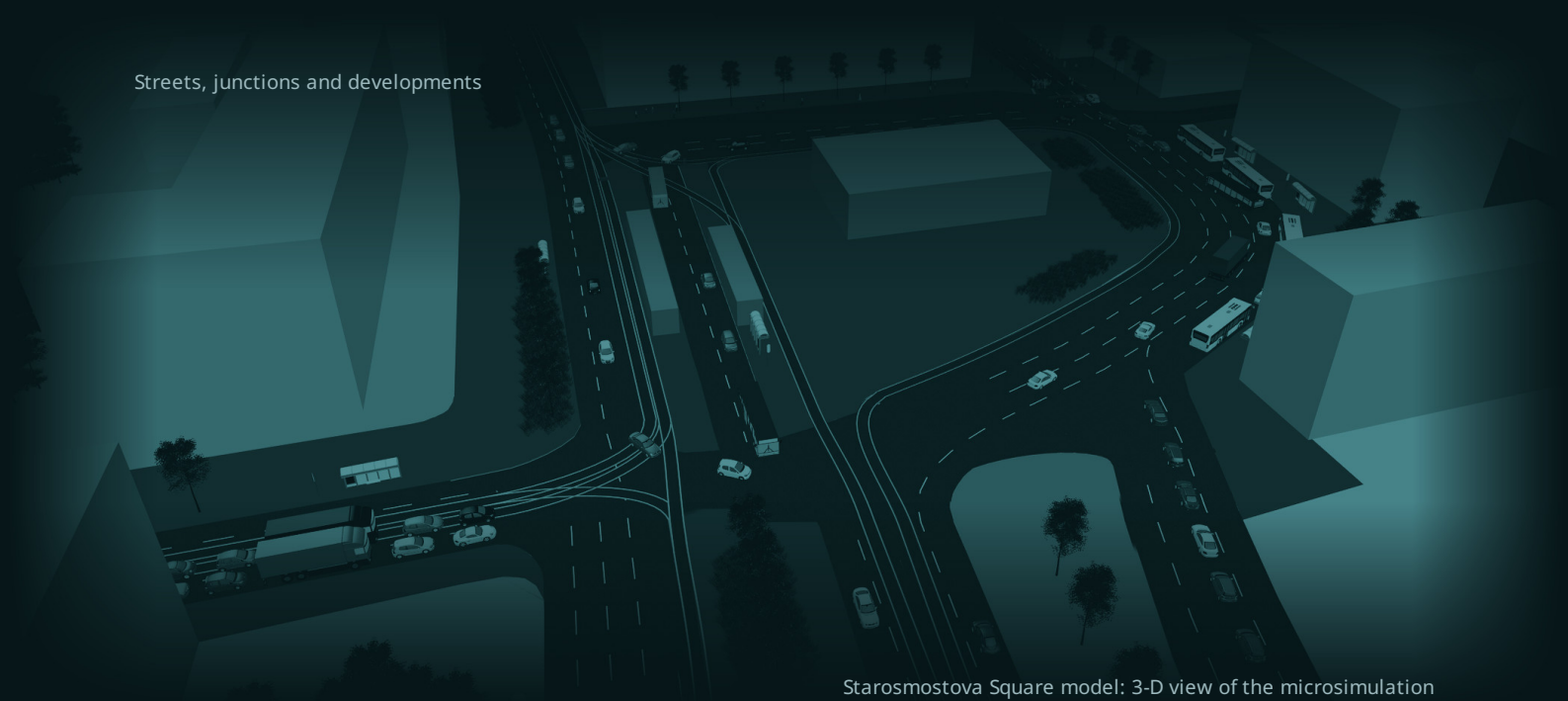
P099 Starosmostova Square traffic and pedestrians

P312 Market access and logistics

P261 Genuezka Street area microsimulation

P079 Airport terminal forecourt

P220 Podilskyi bridge approaches



Starosmostova Square model: 3-D view of the microsimulation

P099

2019

Starosmostova Square traffic and pedestrians

Dnipro, Ukraine

30

junctions in the microsimulation model

9

scenarios compared

0.95 × 0.76 km

network in PTV Vissim

Short- and medium-term reorganisation of traffic and pedestrian movement on Starosmostova Square and the adjacent streets up to the Amur Bridge: microsimulation models of the current state and of every design option, and a final presentation that shows each model running.

Client

Artemida-5 LLC (developer)

■ Reference letter ■ As A+S Ukraine

P312

2025-2026

Market access and logistics

Kyiv, Ukraine

Computer transport model of a wholesale food market and the adjacent streets built on a traffic, logistics and visitor survey: the current state and options for access and internal circulation, agreed with the market management.

Client: Private owner of a wholesale food market

P261

2023

Genuezka Street area microsimulation

Odesa, Ukraine

Microsimulation model in PTV Vissim of a 2 by 2 km area for the current and the designed traffic schemes: delay, number of stops and speed for each design proposal. A 66-page report and three simulation videos.

Client: Design company, Odesa

■ Reference letter

P079

2017

Airport terminal forecourt

Boryspil, Kyiv region

The drop-off area in front of Terminal D: traffic and pedestrian video counts processed by our computer vision software, a PTV Vissim microsimulation model of the 4.5 km approach with six junctions and four car parks, seven scenarios and new signal coordination.

Client: Boryspil International Airport (state enterprise)

■ Reference letter ■ As A+S Ukraine

P220

2019-2020

Podilskyi bridge approaches

Kyiv, Ukraine

Macroscopic and microsimulation models of the left and right bank approaches of the Podilskyi bridge crossing in PTV Visum and PTV Vissim: four scenarios on a 2.5 by 2 km network. Two reports, 80 and 99 pages, and simulation videos of the design solutions.

Client: Design institute, Kyiv

■ As A+S Ukraine

More than 60 reference letters since 2013

Letters from international financial institutions, international firms and Ukrainian public bodies, issued to the company under its current or former name. Every letter is available on request together with the project sheet it belongs to.

International financial institutions

The World Bank	2013, 2024
International Finance Corporation (IFC)	2020

International firms

Haskoning	2026
Steer	2024
Integrated Transport Planning Ltd	2024
Sweroad	2023
Han-A, Republic of Korea	2025

Ukrainian public bodies, among others

Kyiv City State Administration, Department of Urban Planning and Architecture	2015, 2018	Dnipro City Council, Department of Transport and Transport Infrastructure	2020
Mykolaiv City Council	2018	Kyivtransparkservis	2018, 2022
Boryspil International Airport	2017	Rivne City Council	2018

And letters from Ukrainian design institutes, developers and municipal enterprises.



Dnipro model: private transport volumes

Who you are dealing with

Every line below can be checked in the Ukrainian state register by our code, EDRPOU 35634432, without asking us.

Legal entity

Pro Mobility LLC (ТОВ «ПРО МОБІЛЬНІСТЬ»), EDRPOU 35634432, registered on 25 December 2007 in Kyiv. Registered office: 40B Hlybochytska Street, office 24, Kyiv 04052, Ukraine.

Former name

A+S Ukraine LLC. The same legal entity: the members renamed it on 30 September 2021 and the register recorded the new name on 4 October 2021, when the German co-founder left the shareholding.

Director

Dmytro Besspalov, head of the company since 7 December 2012, signs contracts on its behalf under the charter.

Ownership

Ukrainian-owned. No Russian or Belarusian shareholders. The ultimate beneficial owners are disclosed in the register.

Status

Resident of Diia.City, the Ukrainian special legal regime for IT companies, since 2 August 2022.

Check it yourself

Unified State Register, search by code 35634432
usr.minjust.gov.ua

Register record, public card
opendatabot.ua/c/35634432

Sent on request

a current full extract from the Unified State Register

the members' decision of 30 September 2021 and the register extract of 4 October 2021 on the change of name

the charter and the register record of the director's appointment

bank details confirmed by the bank, and any other document your procedure asks for

These documents carry personal data of private persons, such as home addresses, and original signatures. We send them to a named recipient for a specific procedure rather than publish them.

Tell us the codes, we send the details

1

Choose the projects

Note the codes of the projects that matter for your procedure or partnership, for example P067 and P302.

2

Write to us

Send the codes to info@pro-mobility.org with your organisation and the purpose: a bid, a partnership or a due diligence check.

3

Receive the project sheets

In the format your procedure asks for, World Bank, EBRD or EU included: the client and address, contract value and dates, our role and key experts, the reference letter. Contact persons follow once the client agrees to be contacted.



Mariupol model: private transport volumes

How we handle it

- We sign a non-disclosure agreement before any exchange if you need one.
- We ask the client before we pass on a contact person.
- We do not publish staff profiles. Key expert CVs come with a bid, in the format of the procedure.
- This booklet is updated every quarter. The current edition is always on pro-mobility.org.



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