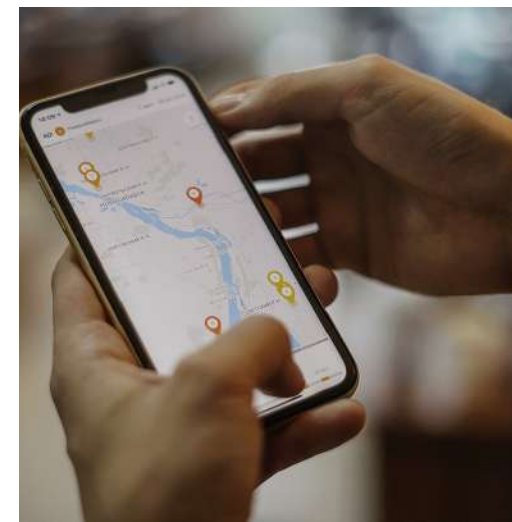
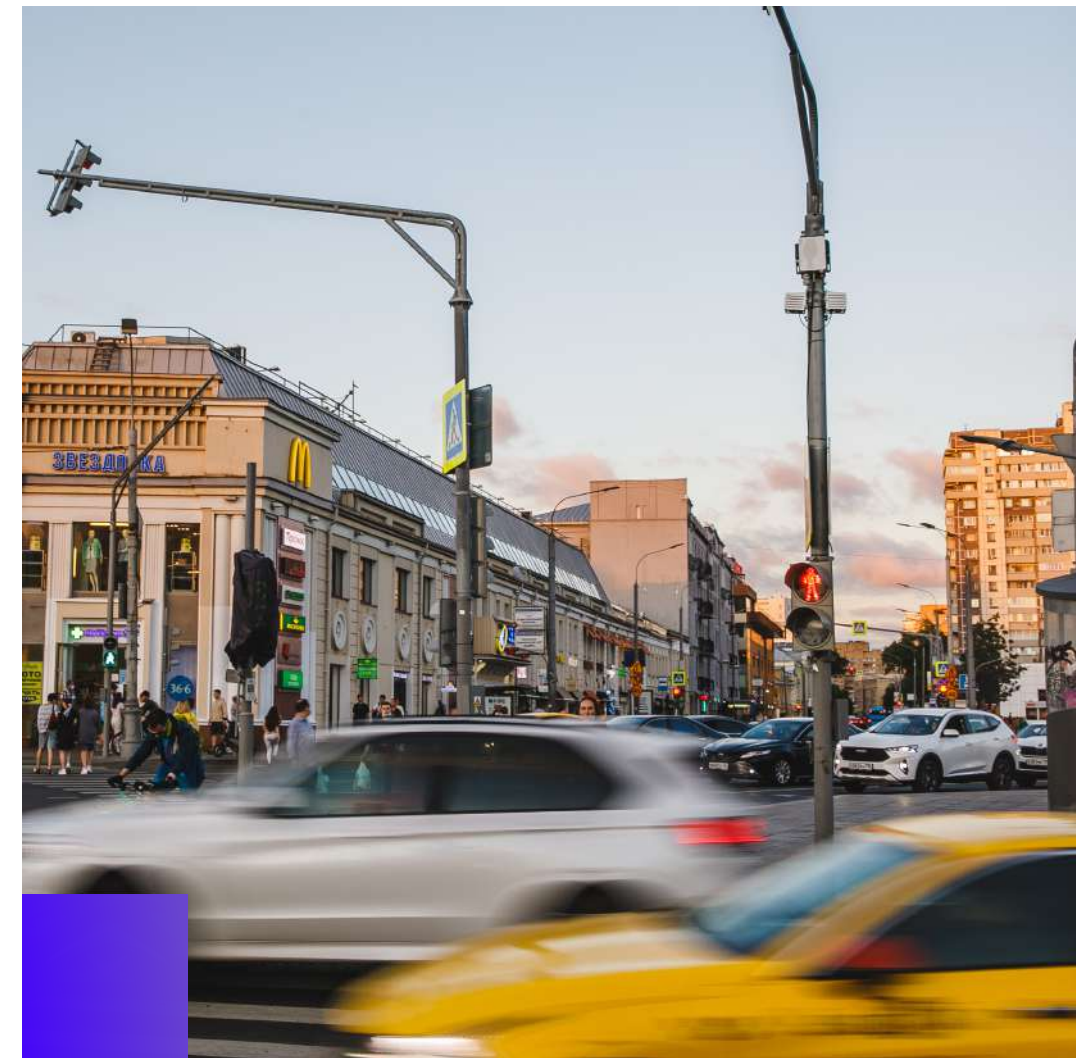


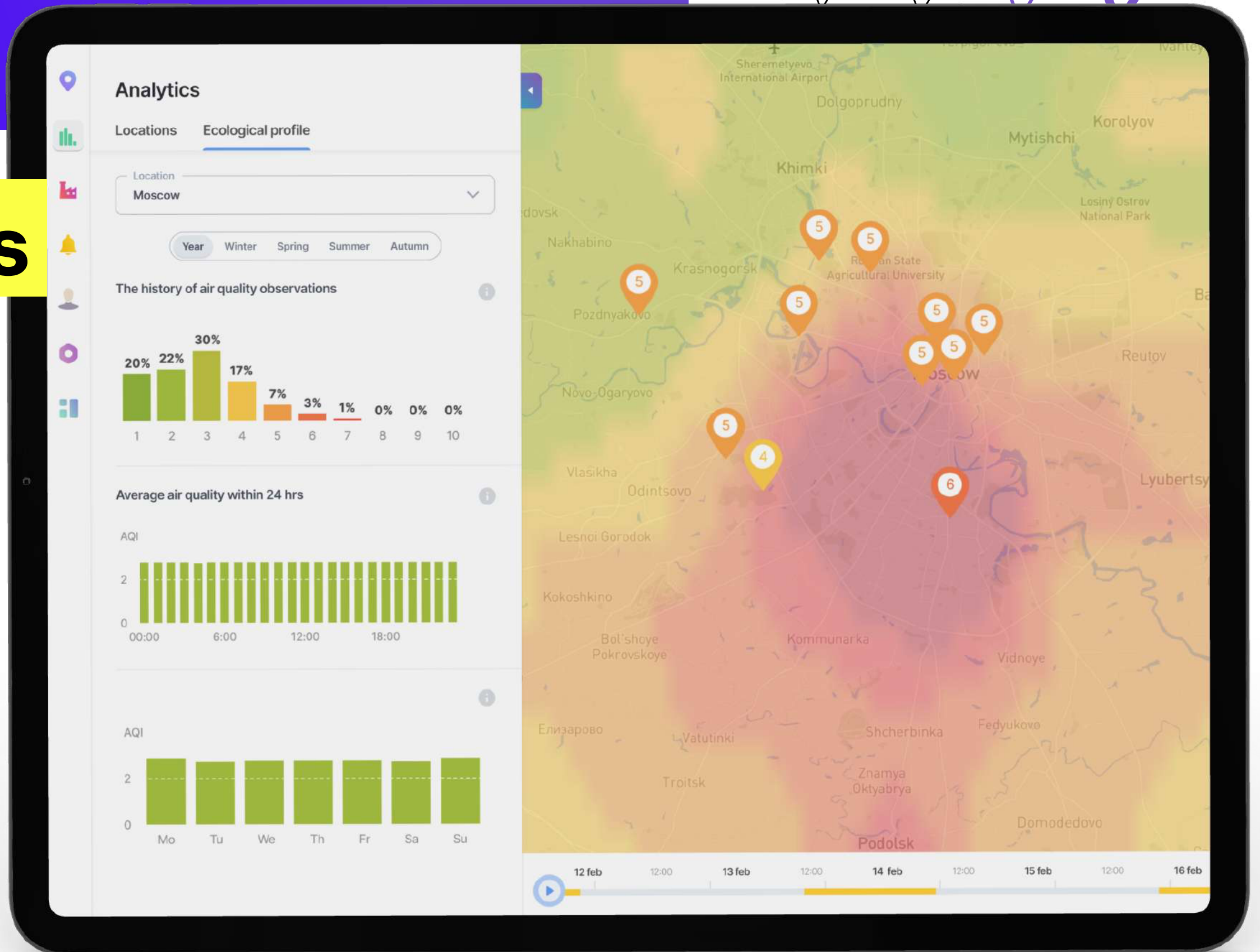
CityAir

Air Quality Monitoring and Management Solutions for Urban Areas

Smart Air Quality Solutions for environmentally
friendly decisions



CityAir builds dense air quality monitoring networks and provides city authorities with the software for air pollution mapping, analysis and forecast.



Our solutions and services

Platform

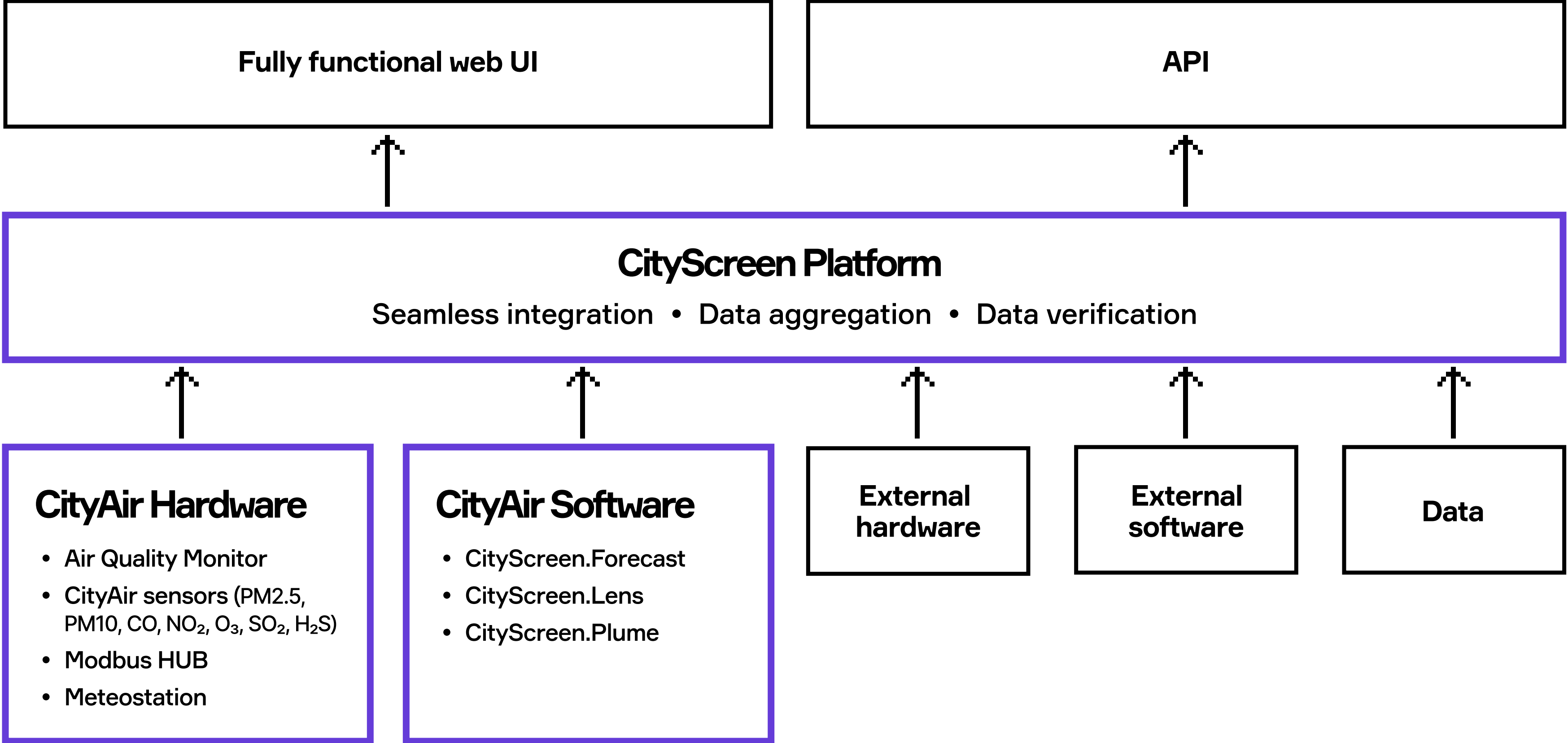
- **CityScreen** — platform for entire air quality data collection and analysis

Hardware

- **CityAir Real-Time Air Quality Monitor** to measure pollutants concentration in the atmosphere: PM2.5, PM10, CO, NO₂, O₃, SO₂, H₂S
- Modular architecture allows to connect any number of different sensors

Software

- **CityScreen.Forecast** — dynamic air quality forecast and pollutants concentration identification at control points
- **CityScreen.Lens** — dynamic hyperlocal street-scale air quality forecast and pollutants concentration identification at control points
- **CityScreen.Plume** — trajectory tool for pollutants dispersion modelling and forecast



CityScreen

Platform which unites all the data received from sensors, software and other related sources

CityScreen Platform comprises image dashboards allowing to see full and detailed situations with air quality in the city, industry or your community.



What can we do with our platform

- Identification of unknown pollution source based on data analysis
- Identification of influence of the industrial unit (or any other source) on air quality in the area
- Modelling of possible consequences of city area development
- Best optimal approach for monitoring networks deployment

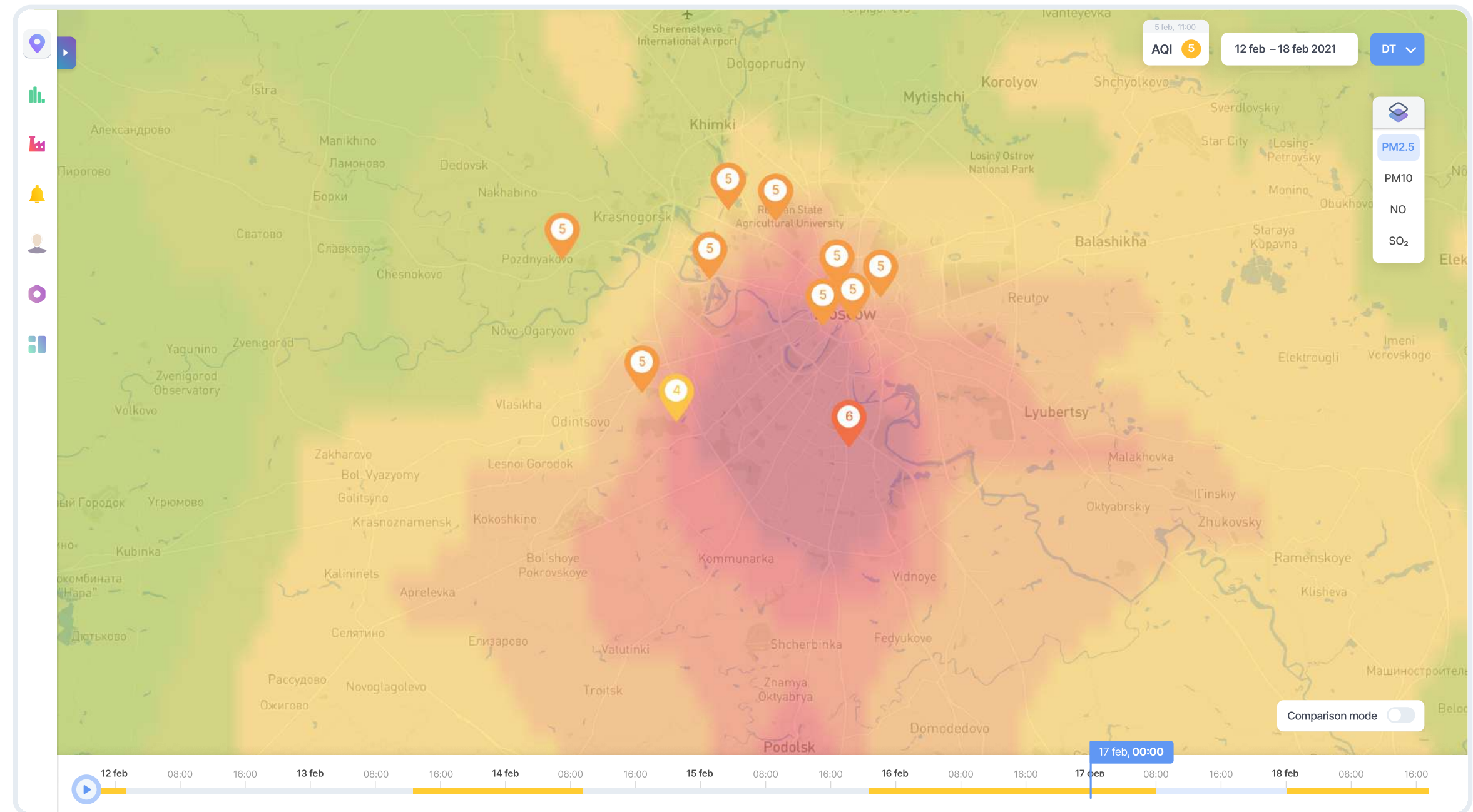
Additional Services

- Air Quality Monitoring Hardware Installation and Service
- Training programs for New users
- Support Hotline
- Full customization in accordance with customer needs

CityScreen.Forecast

Professional tool for a 72-hour air quality forecast

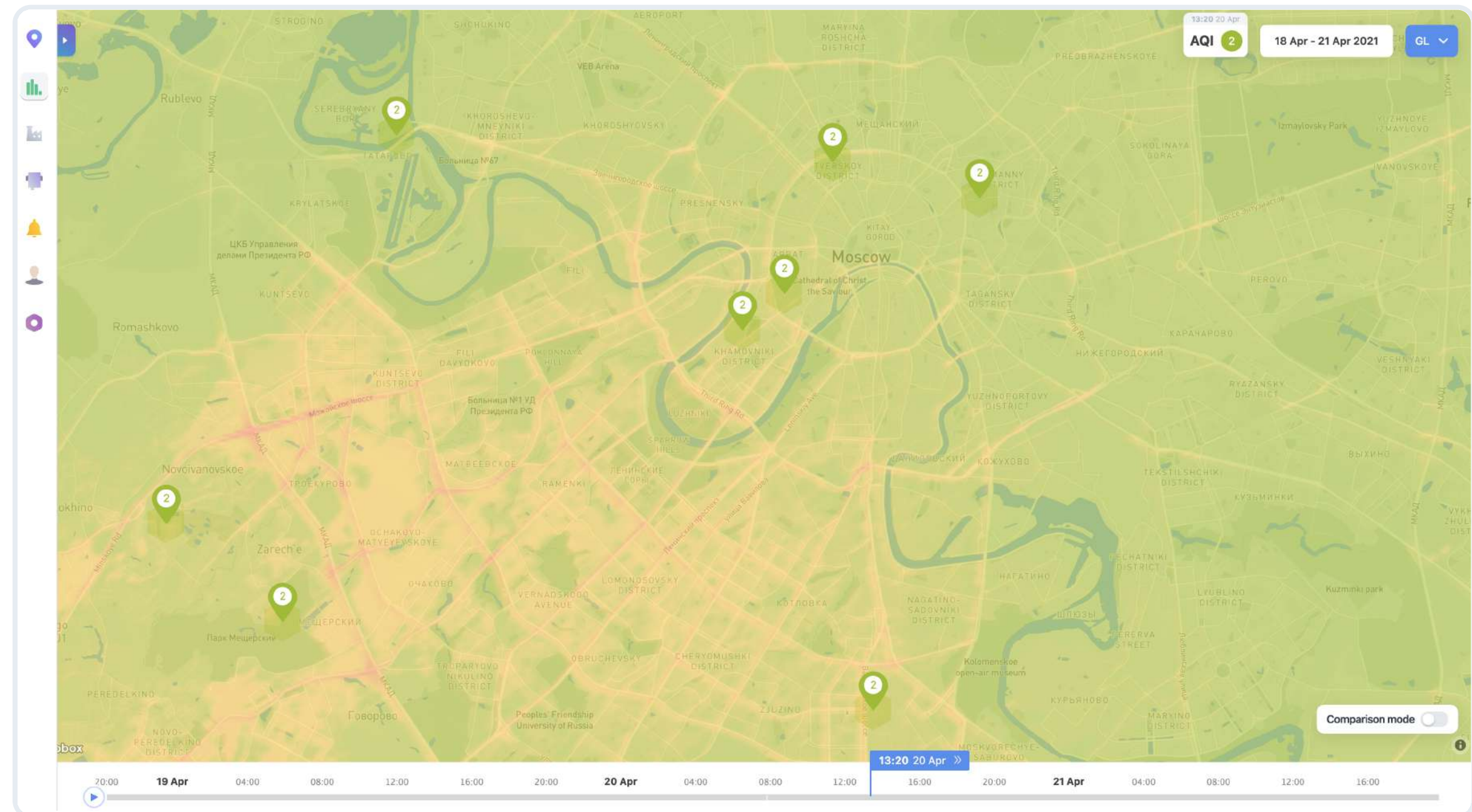
- Large scale real time continuous air pollution mapping
- Control points mapping



CityScreen.Lens

Professional tool for dynamic hyperlocal air quality forecast

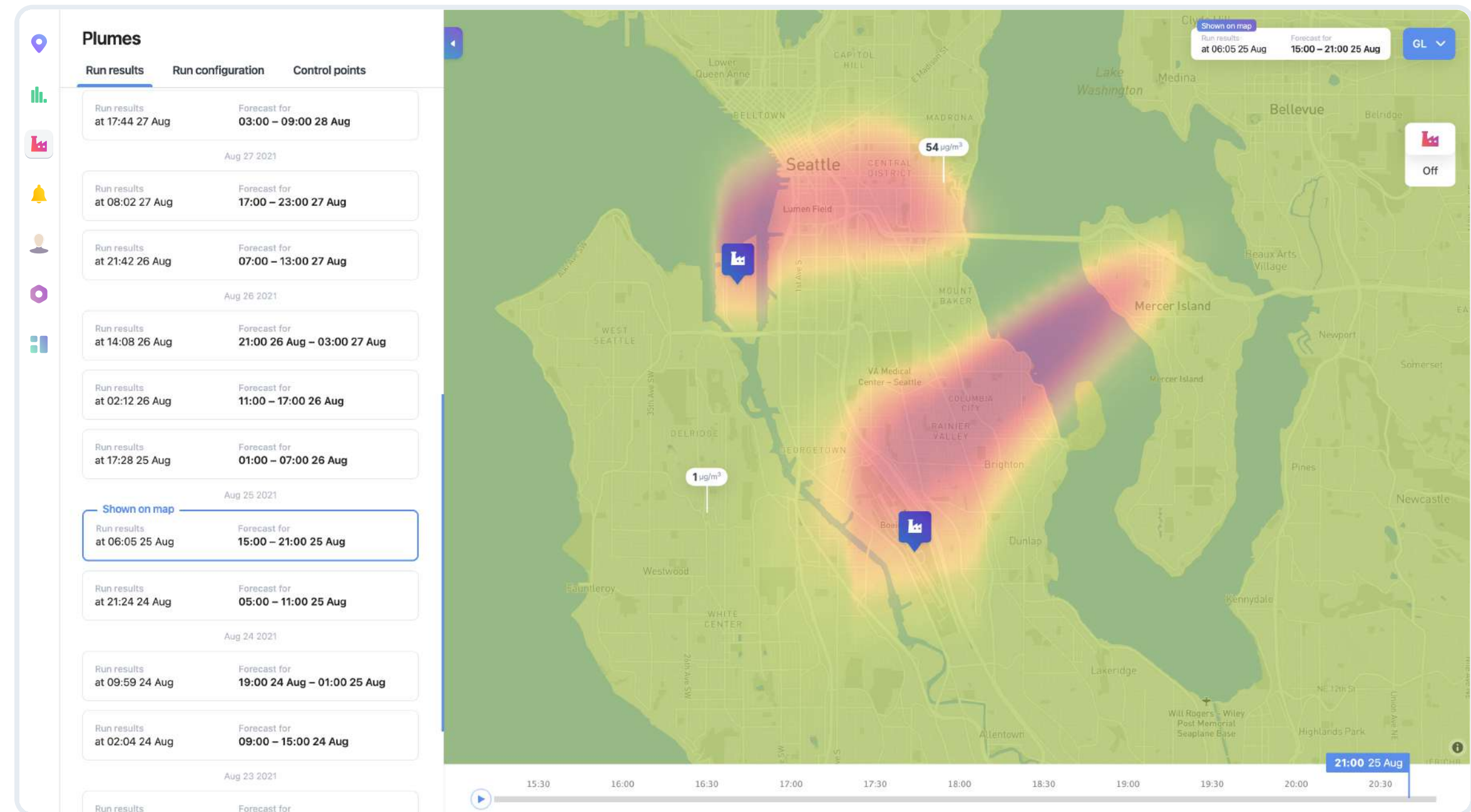
- Street scale super resolution service
- Control points mapping



CityScreen.Plume

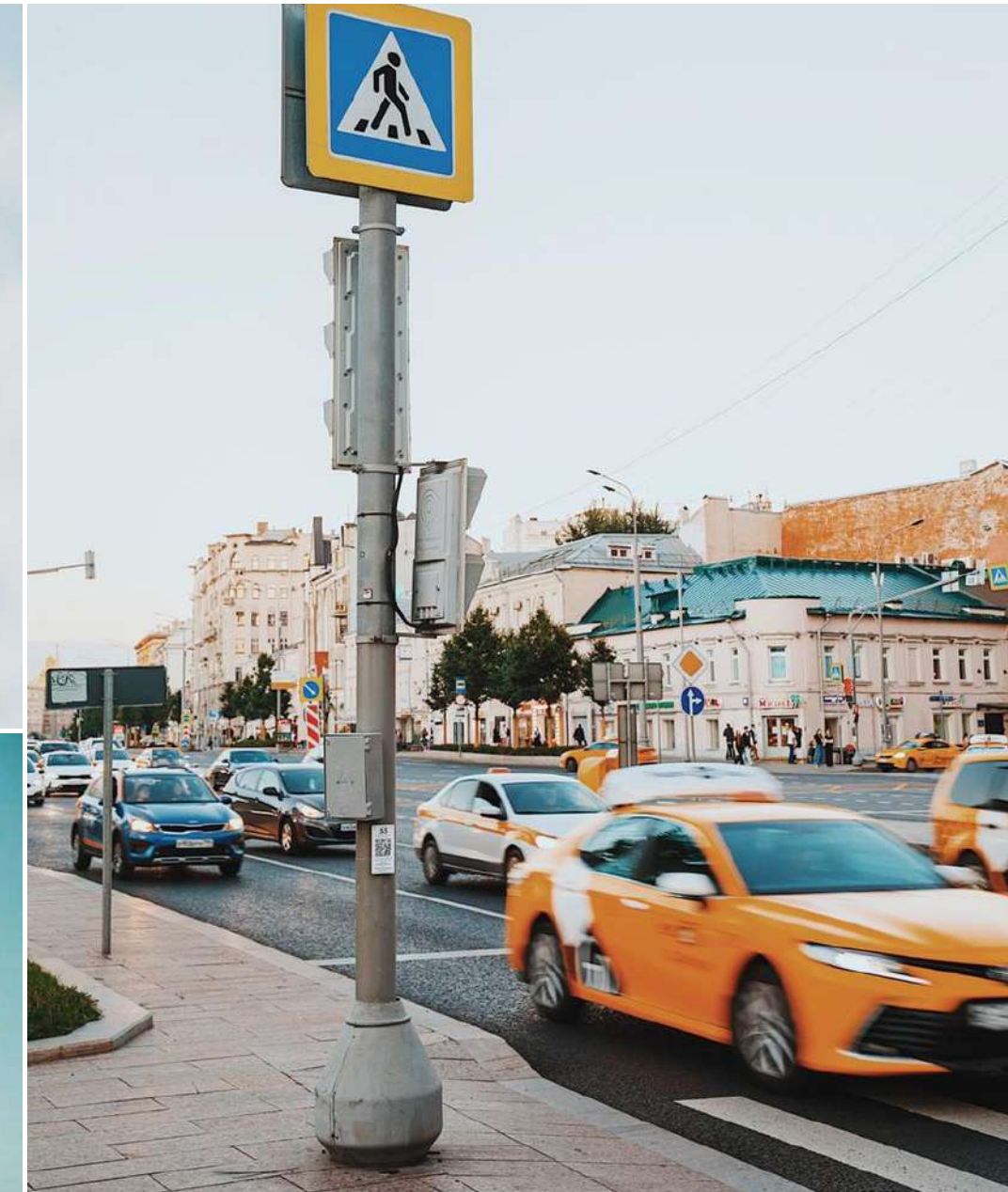
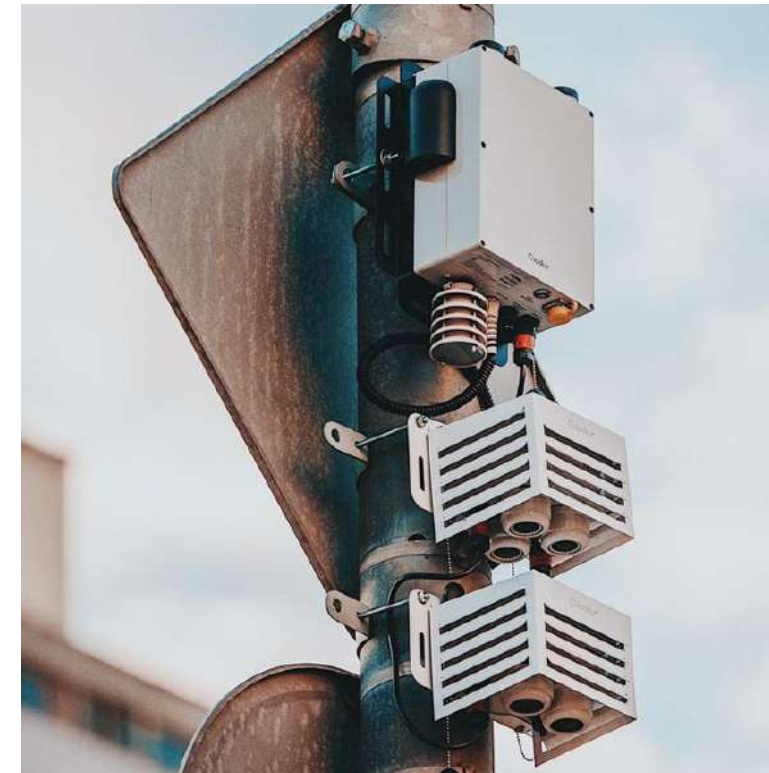
Professional tool for pollutants dispersion modelling and forecast

- Based on a stochastic trajectory dispersion model of air pollutants in the atmosphere
- Accuracy and results are verified by field tests and experiments



Professional air quality monitoring equipment

Reliability of CityAir Equipment
is confirmed by internal lab tests
and external expert test
procedures

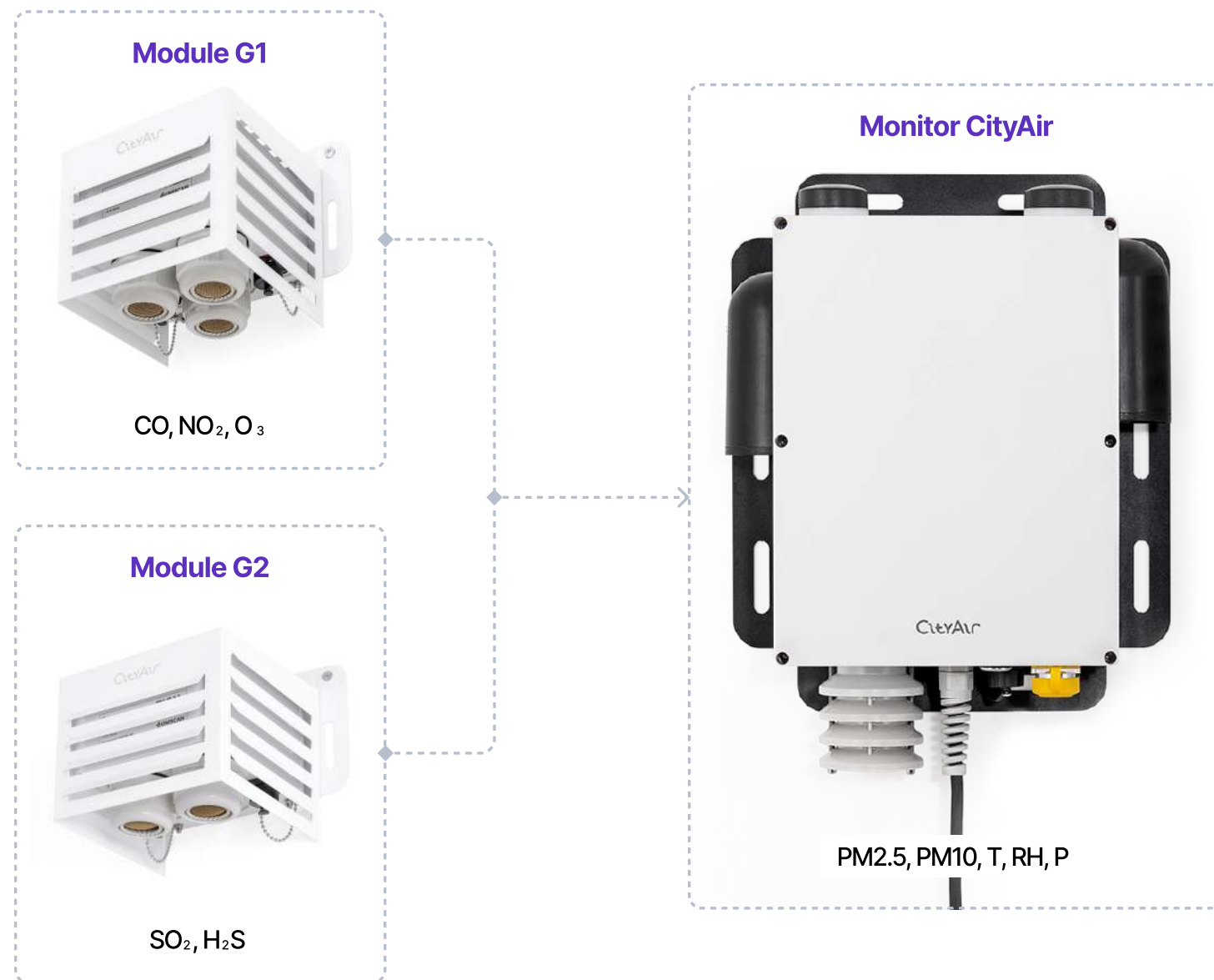


1

Real-time Air Quality Monitor CityAir

CityAir Monitor may be installed on a building wall, an electrical pole or a communications tower.

Every minute monitors transfer the measurement data to the server.

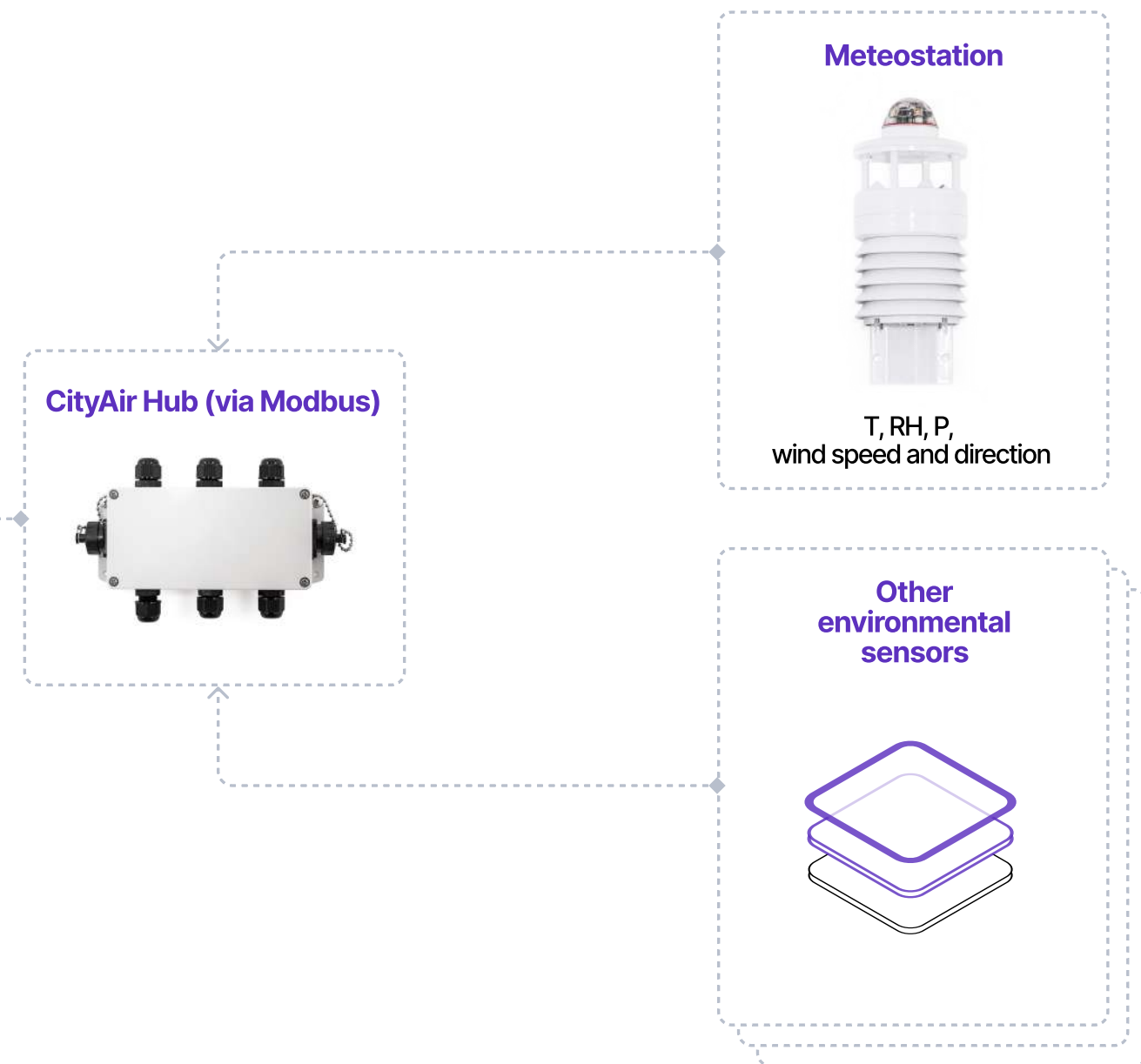


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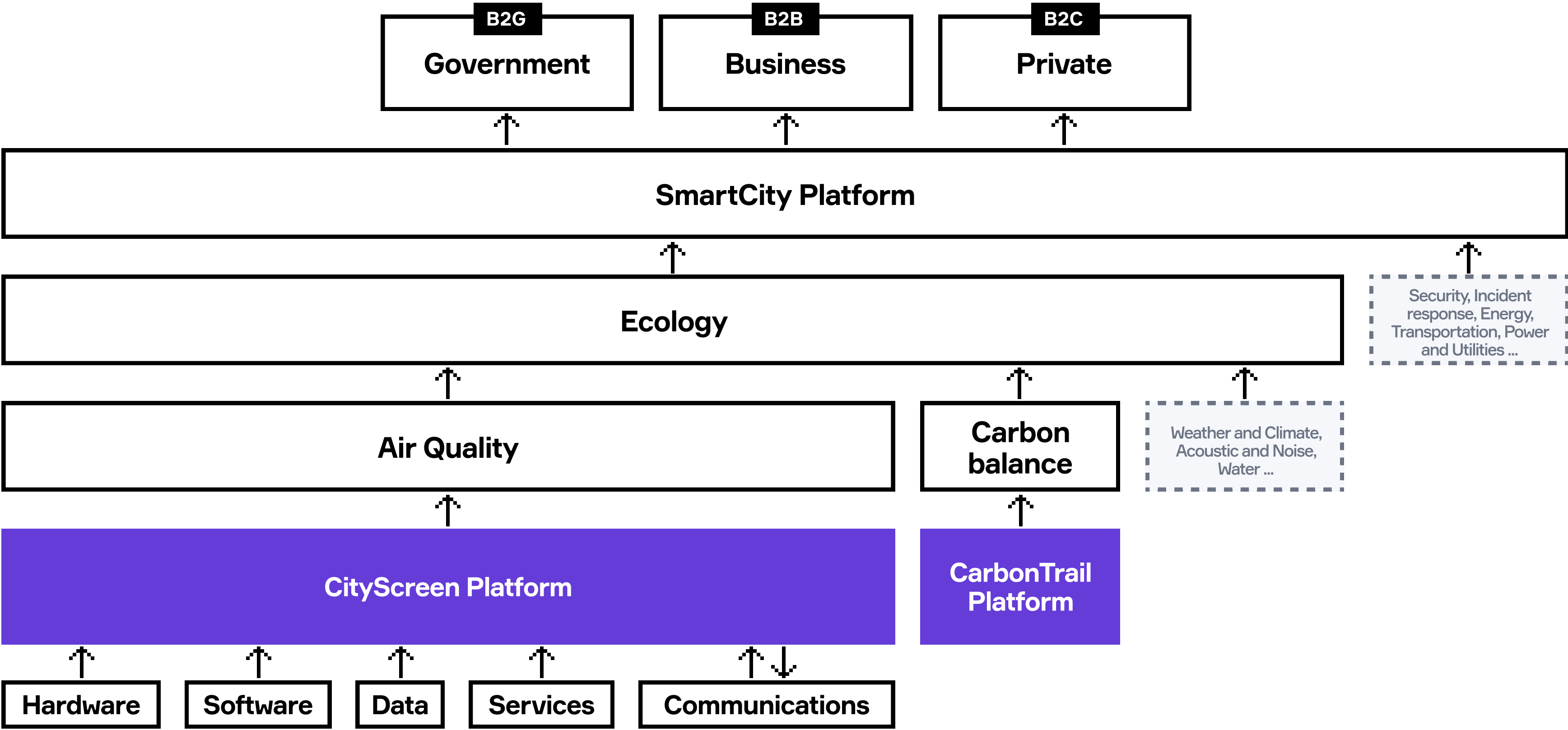
Sensors for pollutants concentration measurements in the atmosphere

Modular platform allows to create a monitor with the required set of sensors in accordance with customers' needs.

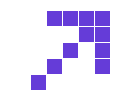
CityAir Hub allows to connect any number of CityAir extension modules or compatible sensors from external manufacturers.



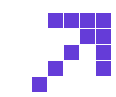
CityAir and Smart City Platforms



Read more in **customer** **cases:**



[Air Quality Monitoring Network
in the Pacific Islands](#)



[How scientific monitoring
network operates in one of the
most polluted cities in the world](#)



[Dust dispersion control
solution for coal transloading
terminal](#)

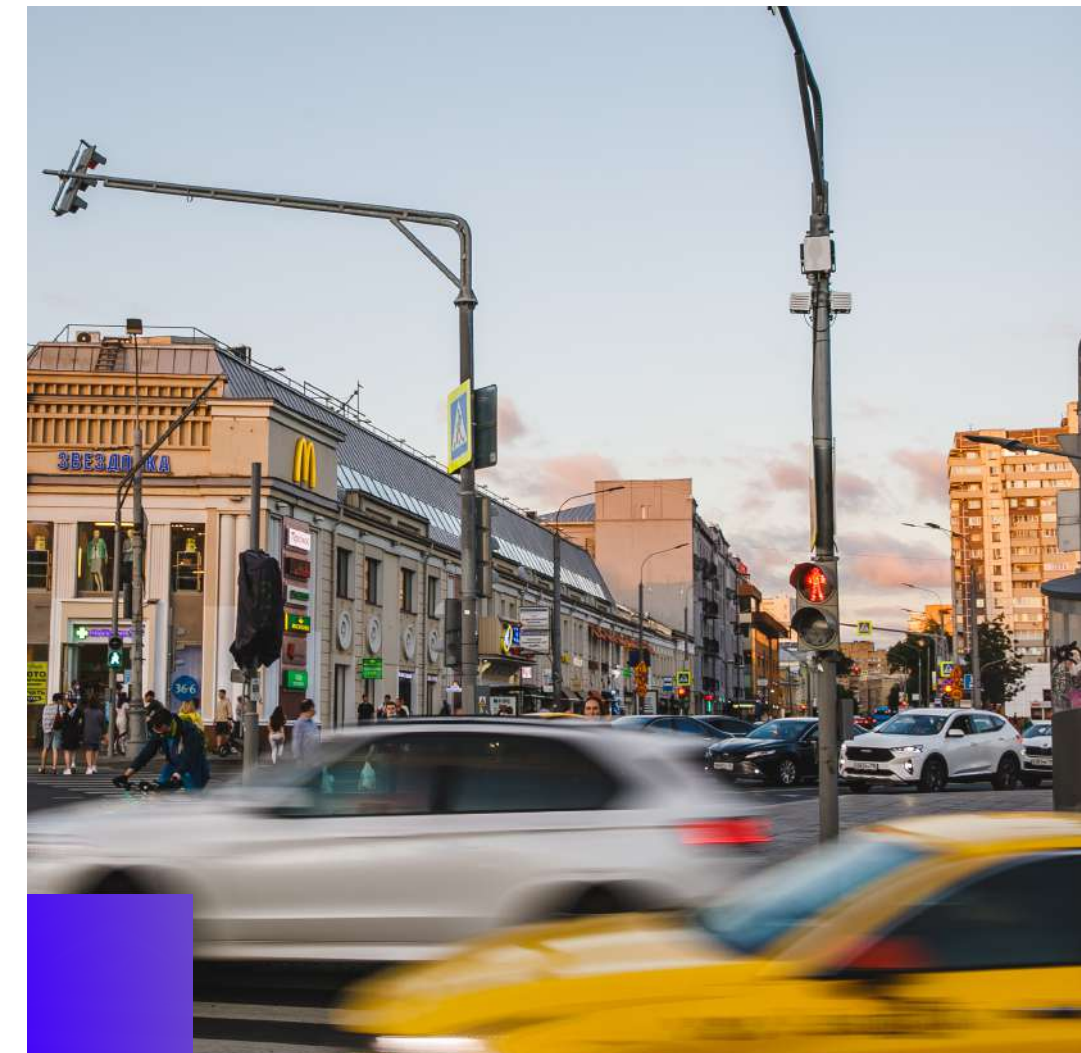
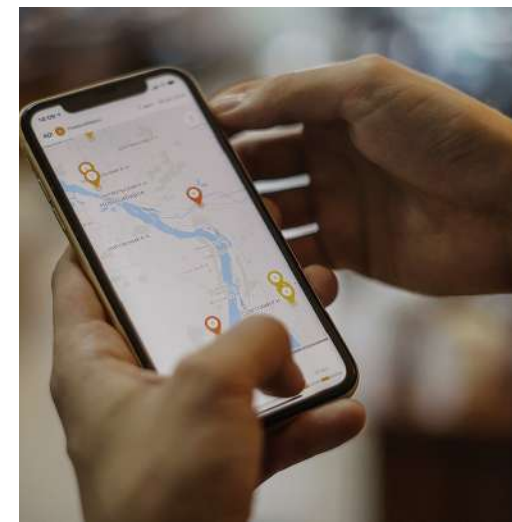
CityAir

Thank you!

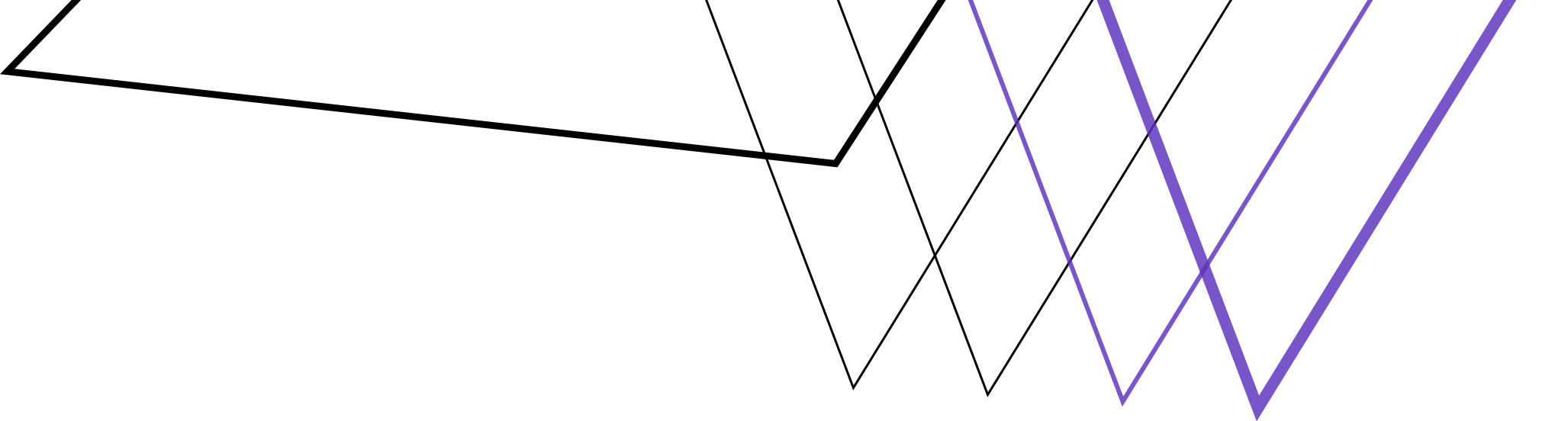
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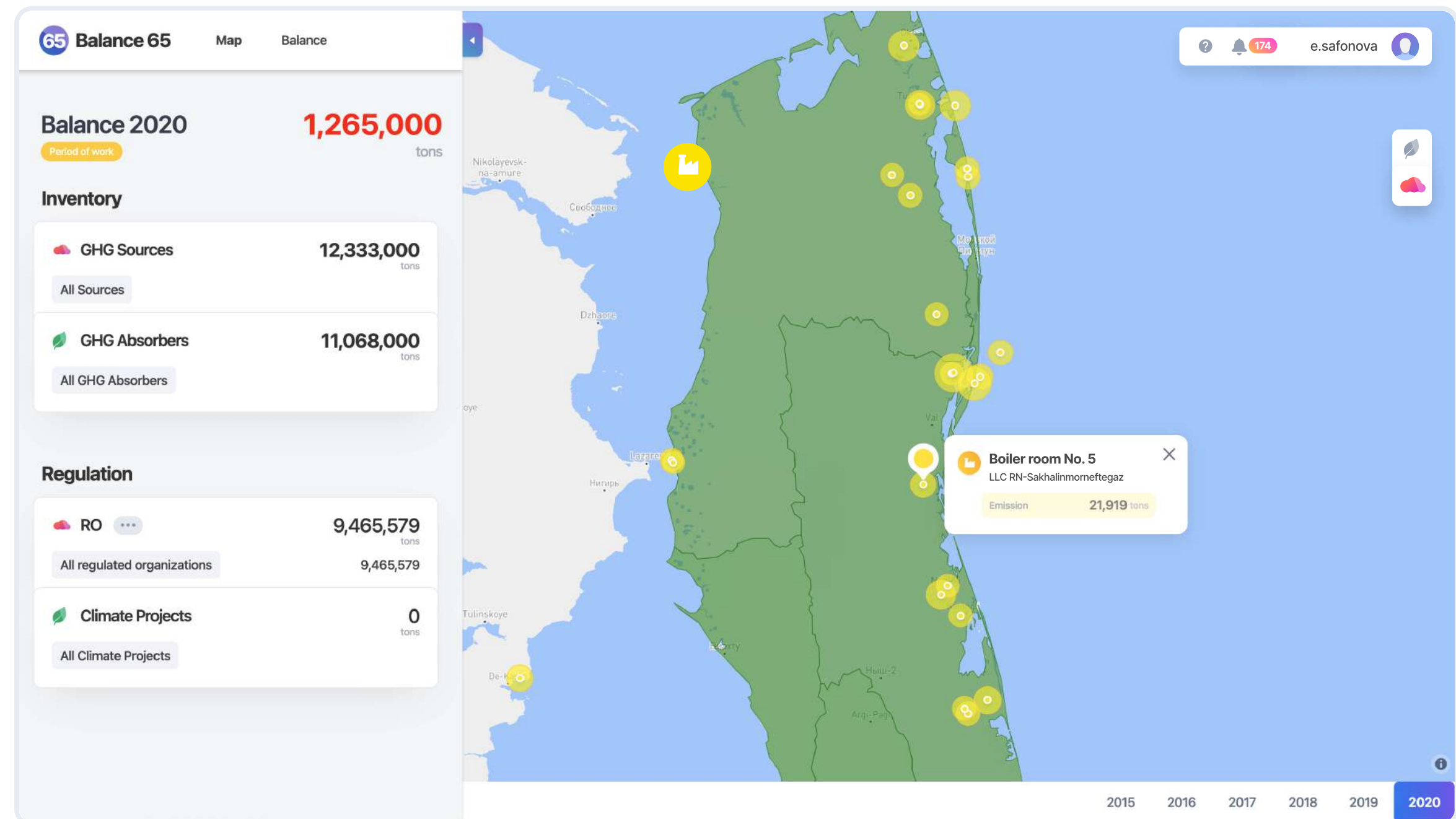
Coming soon ...

CarbonTrail

Professional platform* for carbon balance accounting and management

Communication tool between industries, climate projects and governments

- Area GHG Inventory and Carbon balance
- Carbon Balance Planning and Forecast
- Industrial Emissions Quoting
- Climate projects planning and support
- Reporting automatization for Industries and Climate projects



* CarbonTrail Platform is a field prototype. Please get in contact with our team to get an offer over the product in accordance to your needs.