

AIR QUALITY PLAN IN THE AGGLOMERATION OF NOVI SAD FOR THE PERIOD 2022- 2026.





- It is based on an **assessment of the state of air quality** and includes **all major pollutants and main sources of air pollution** that have led to air pollution in the territory for which the Plan is adopted.
- Determines the **specific measures** that need to be taken in order to **reduce air pollution**, as well as **measures to protect against further pollution**, with the primary goal of protecting the negative impact of air on the population.
- It is a basic document for **air quality management at the local level**, it is an instrument of air planning and protection policy.
- It provides decision makers with the basis and provides guidance through the proposed measures defined in the Action Plan. The document provides an opportunity to monitor the implementation of implemented measures and the results of set goals.



Done/Do

- Most of the planned measures from the Air Quality Plan in the agglomeration "Novi Sad" for the period 2017-2021 have been implemented.
- Air quality in Novi Sad in 2019 was classified in the **third category of air quality** due to exceeding the limit values of the concentration of suspended particles PM_{10} , but in 2020. it moved to the **first category of air quality**.
- In new plan it is proposed **increasing the number of measuring points** in the foreseeable future and improve the spatial coverage of measurements, but also to perform analysis of pollution trends and software modeling, in order to provide a comprehensive view of the situation when it comes to local spatial distribution of pollution.



The textual part of the document includes :

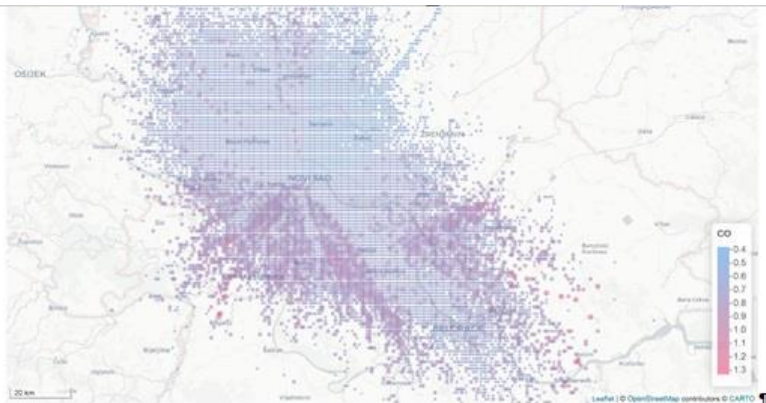
- 1) **data on the location (area)** of increased pollution;
- 2) **basic information** on the zone and **agglomeration**;
- 3) data on the **type and degree of pollution**;
- 4) data on the **source of pollution**;
- 5) **analysis of the situation** and **factors** that influenced the occurrence of overdrafts;
- 6) details of **improvement measures or projects** that **existed before** the entry into force of Law;
- 7) details of measures or projects implemented with the aim of reducing pollution **after the entry into force of Law**;
- 8) details of measures or projects planned in the **long term**;
- 9) **bodies responsible** for the development and implementation of the plan;
- 10) **list of documents, publications** which support the data stated in the plan.



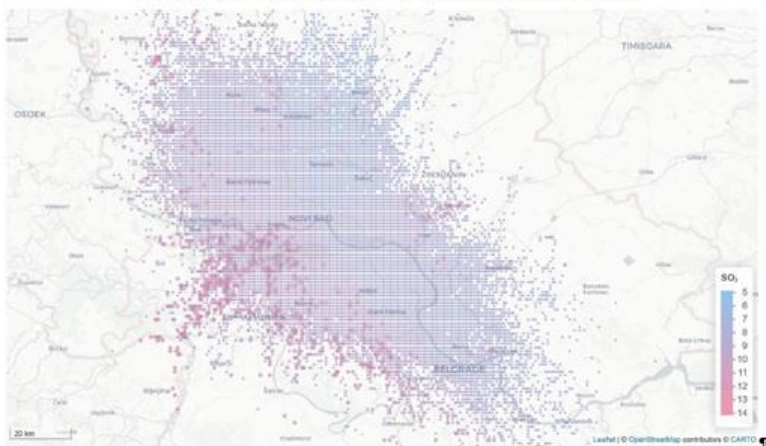
The methodology :

- detailed review of the **area for which the Plan is being prepared**;
- detailed review of all available **data on major polluters** in the city of Novi Sad;
- detailed review of all available data on the situation on the territory of the city of Novi Sad in terms of **air quality and various relevant parameters and factors**;
- detailed analysis of all available data and analysis of their **mutual relationship and possible impact on air quality** in Novi Sad;
- **performed modeling** on the basis of available data with the understanding of the problem of air pollution in the agglomeration of Novi Sad;
- detailed **analysis of the possibility of improving air quality** in the coming period and in accordance with the results of the analysis given a proposal of measures, activities and projects to be carried out in the long term, as well as deadlines for their implementation;
- **conceived action plan**, in accordance with the possibilities of local self-government and other relevant factors.

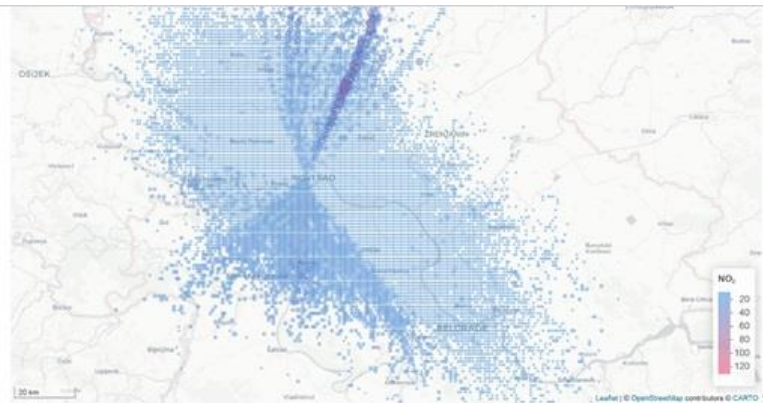
Spatial distribution of regional emission sources



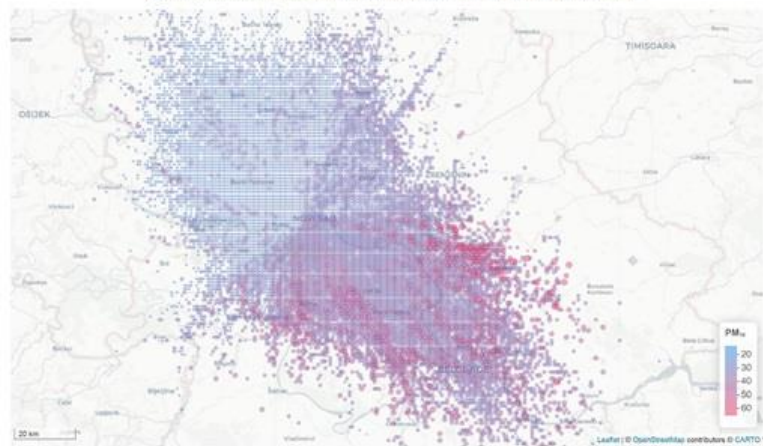
Слика-63.-Просторна-расподела-удаљених-извора-емисије- CO -са-утицајем-на-квалитет-ваздуха-на-територији-Новог-Сада-у-периоду-од-2018.-до-2020.-године



Слика-64.-Просторна-расподела-удаљених-извора-емисије- SO_2 -са-утицајем-на-квалитет-ваздуха-на-територији-Новог-Сада-у-периоду-од-2018.-до-2020.-године

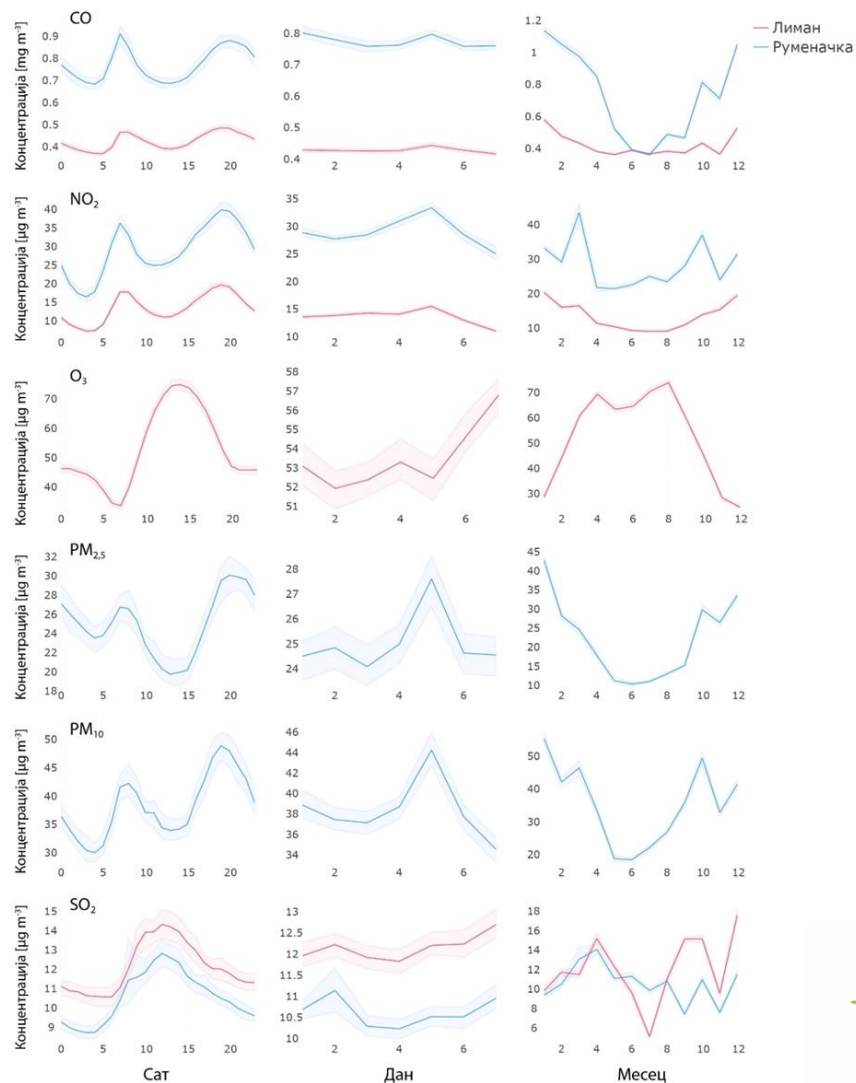


Слика-65.-Просторна-расподела-удаљених-извора-емисије- NO_2 -са-утицајем-на-квалитет-ваздуха-на-територији-Новог-Сада-у-периоду-од-2018.-до-2020.-године



Слика-66.-Просторна-расподела-удаљених-извора-емисије- PM_{10} -са-утицајем-на-квалитет-ваздуха-на-територији-Новог-Сада-у-периоду-од-2018.-до-2020.-године

Daily, weekly and monthly variations of pollutant concentrations in Novi Sad for the period from 2018 to 2020





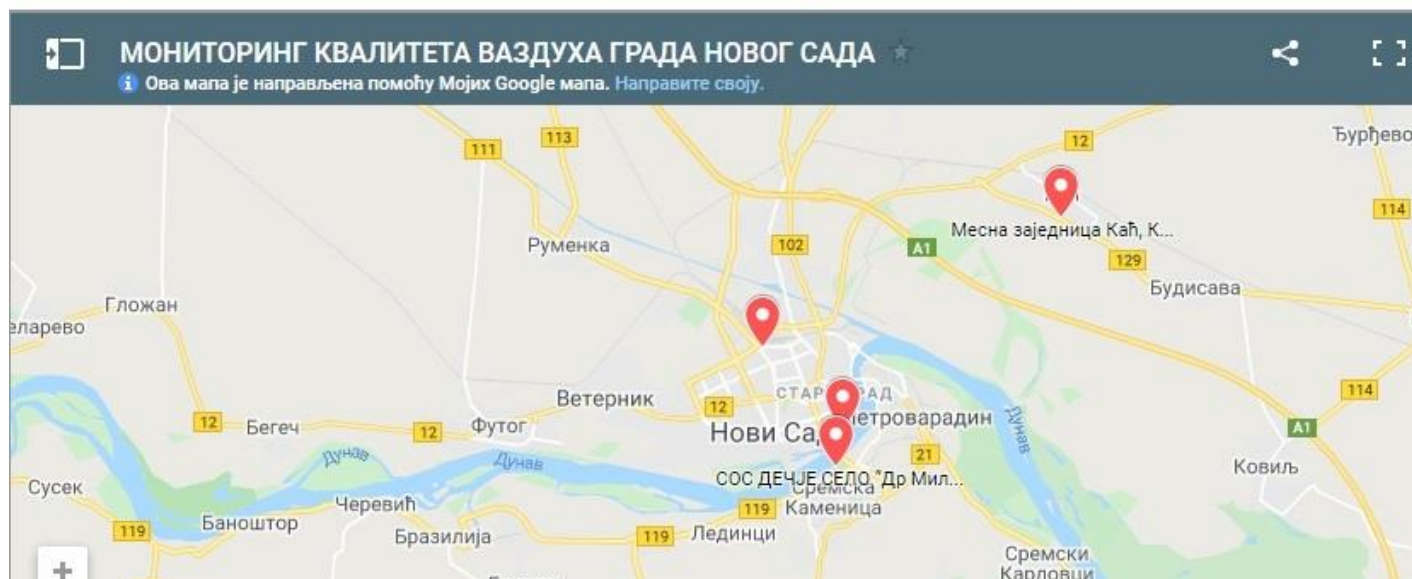
Air quality monitoring

- The **Republic of Serbia, the Autonomous Province and local self-government** units are responsible for ensuring air quality monitoring, within the competencies determined by law.
- A unified system of air quality monitoring has established a state and local network of measuring stations and/or measuring points for fixed measurements of air pollutant levels.
- **The city of Novi Sad has been continuously monitoring air quality since 1971. years.**
- The **state network consists of two stations** for automatic air quality measurement, and the **provincial network consists of one station** for automatic air quality measurement.



Local air quality monitoring network

Мерно место (ММ)	Скраћени назив
Угао Руменачке улице и Булеvara Јаше Томића, Нови Сад	mm1
Месна заједница Каћ, Краља Петра I број 2, Каћ	mm2
ЈКП "Водовод и канализација", ППДВ Сунчани кеј 41, Нови Сад	mm3
СОС ДЕЧЈЕ СЕЛО "Др Милорад Павловић", Каменички парк 1-14, Сремска Каменица	mm4
НЕОПЛАНТА, Индустијска зона Север, Приморска 90, Нови Сад	mm5



When the document is completed, it will be put on public insight and a public presentation and public argument will be organized.

Thank you for your attention!

www.enviornovisad.org.rs

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Environmental Protection

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