

Working Group on Environmental Monitoring and Assessment

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PROGRESS IN ENVIRONMENTAL MONITORING AND ASSESSMENT – North Macedonia



Katerina Nikolovska

Deputy Head of Macedonian Environmental Information Center

Ministry of Environment and Physical Planning

Republic of North Macedonia

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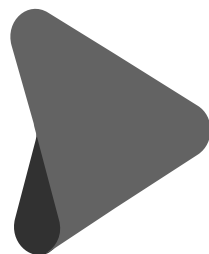
Environmental reporting



Current reporting formats



Annual Report – Quality of the Environment 2021



Environmental Indicators 2022



AIR QUALITY

- 1 new monitoring station

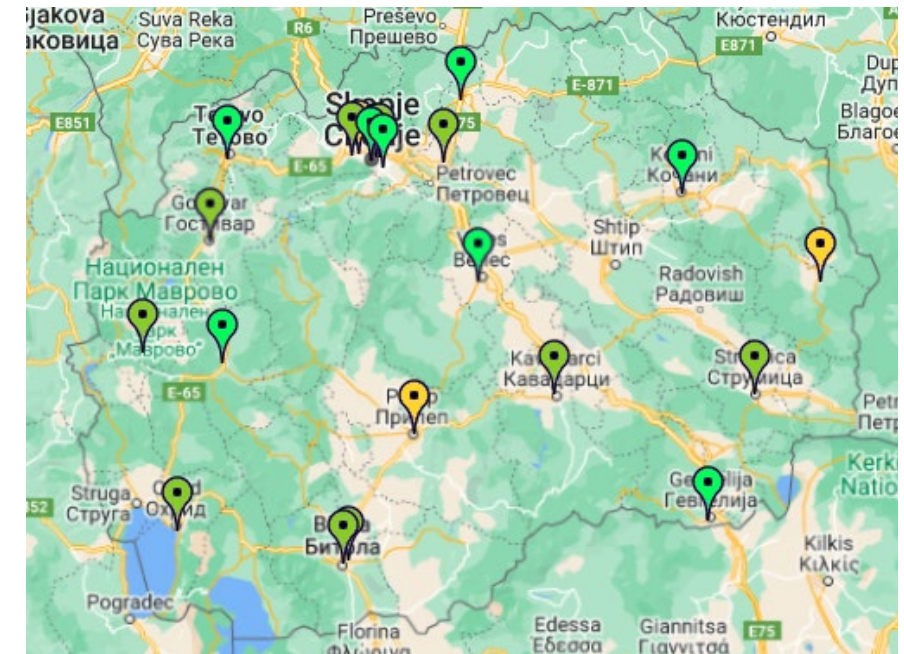
WASTE

- in the waste management sector, activities continued with the establishment of an integrated regional waste management system

WATER

- significant percentage of European legislation has been transposed into national legislation

National Air quality monitoring network

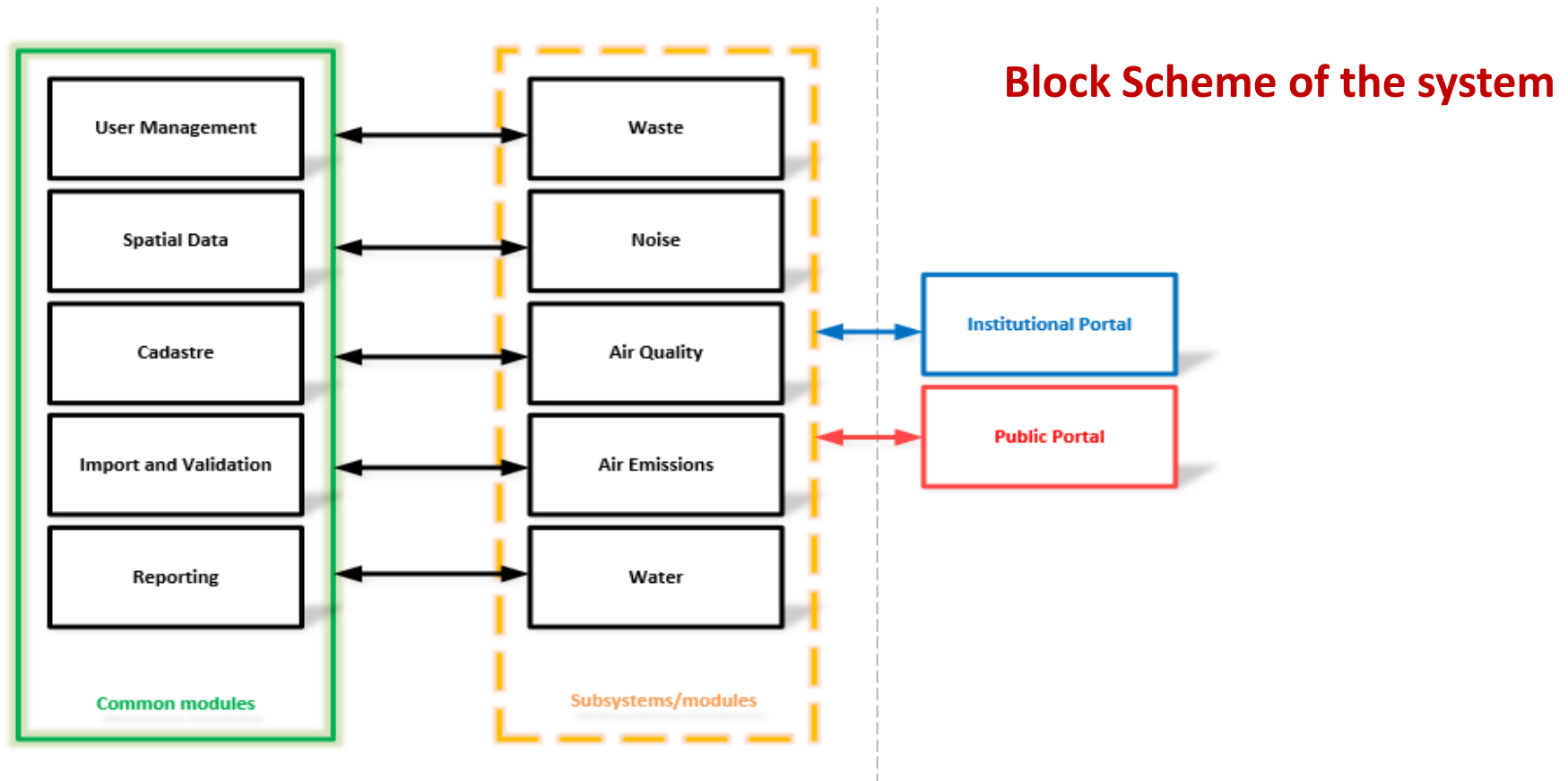


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Improvements in NEIS - DIGITALIZATION

Component I:

- Development of National Environmental Information System (NEIS)
Developed fully functional NEIS



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Improvements in NEIS - DIGITALIZATION



National Environmental Information System

Username

Password

Remember My Login

[Forgot your password](#)

The screenshot displays the NEIS - Internal GIS Portal interface. At the top, there is a green header with the portal name and user navigation icons. On the left, a vertical sidebar lists environmental categories: Cadastre, Air, Water, Noise, Waste, Reporting, Admin, and Super Admin. The main area is a map of North Macedonia, overlaid with various data layers. These layers include administrative boundaries (municipalities and regions), environmental zones (e.g., 'Источна зона', 'Западна зона'), and specific monitoring points or facilities marked with colored icons. A scale bar at the bottom left indicates a scale of 1:999,332, with markers for 25 km and 50 km. The map shows a dense network of roads and geographical features across the country.



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Improvements in NEIS - DIGITALIZATION

- Cadastre
- Air
- Water
- Noise
- Waste
- Reporting
- Admin
- Super Admin

Air quality measurement stations

Create, edit, delete and view measurement station

Air quality measurement stations

[Add station](#)

Show 100 entries

Search:

Air Quality Measurement Network	Name	Eu Code	Altitude	Type	Area Type	Local Dispersion Type	Municipality	Start Date	End Date	Is Active	Agglomeration zone	Action
Hydrometeorological Administration Air Quality Network	Bitola1	EuCode	3	Background	Urban	Street canyon	Битола	1/1/2021 12:00:00 AM	4/10/2023 12:00:00 AM	<input checked="" type="checkbox"/>	Западна зона	Info Edit Delete
Hydrometeorological Administration Air Quality Network	Bitola2	EuCode	1	Background	Urban	Street canyon	Битола	1/1/2021 12:00:00 AM	4/10/2023 12:00:00 AM	<input checked="" type="checkbox"/>	Западна зона	Info Edit Delete
Hydrometeorological Administration Air Quality Network	Miladinovci	EuCode	1	Background	Rural	Detached buildings or one-sided compact buildings	Скопје	1/1/2021 12:00:00 AM	4/10/2023 12:00:00 AM	<input checked="" type="checkbox"/>	Агломерација Скопје	Info Edit Delete



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Improvements in NEIS - DIGITALIZATION

NEIS - Internal GIS Portal

Self registration
Table for company users self registration

Pending requests

Show 10 entries Search:

Company name	Company VAT	Company Id	Company email	Proof of ownership	UserName	User username	User email	User phone	Registration date	Is company registered?	Matching emails	Approve company user
Kompanija za prvo testiranje na Air Emission 2	333111222	333111222	dzikso@gmail.com	Download	Test ime	test.test	test@gmail.com	312032139	06.04.2023 10:46:47	✗	✗	ⓘ

Showing 1 to 1 of 1 entries

Approved

Show 10 entries Search:

Company name	Company VAT	Company Id	Company email	UserName	User username	User email	User phone	Registration date
Trgovsko društvo za proizvodstvo servis održavaње и промет на противпожарни апарати и опрема за заштита ХЕЛИУМ ДООЕЛ Скопје	99523434	111222333	i.dimitrovski@outlook.com	Igor Dimitrovski	igor.ins	i.dimitrovski@outlook.com	070321123	06.04.2023 05:23:44
Test kompanija za Noise	0987654321	0987654321	i.dimitrovski@outlook.com	Igor Dimitrovski	igor.noise	i.dimitrovski@outlook.com	+38970876004	12.04.2023 10:47:30

Company GIS Portal - Neis

EN Hello, Igor Dimitrovski Logout

Igor kompanija za test Water
ul. Orca Nikolov 123 1000 Ohrid
[Edit Company Info](#)

[Add Facility](#)

[Fuel Used](#)

[Company Users](#)

[Waste Annual Packaging Reports](#)

[Authorized Persons](#)

[Waste Batteries Annual Report](#)

Facilities

Water Test Facility Ohrid	Veles Fas
Info	Info
📅	📅

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Improvements in NEMN - DIGITALIZATION



Component II:

Development of National Environmental Monitoring Network (NEMN)

National Environmental Monitoring Strategy with Action Plan prepared

National Environmental Monitoring Programme prepared

Component III:

Strengthening administrative & technical capacities

Functional analysis of the tasks and obligations of relevant institutions

Institutional Plan for Strengthening the Capacity for Implementation of NEIS and NEMN



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The Challenges



Monitoring

- Fully developed monitoring network for all environmental media
- Securing sustainable national funding and budget allocations

Data Quality – accuracy

- Standardized methodologies for calculations & data validation

Human resources

- Securing human capacities and capacity building in relevant institutions

Funding – reporting & communication

- Sustainable national financial allocations for SOER



Thank you!

