



Republika e Kosovës
Republika Kosova - Republic of Kosovo
Qeveria - Vlada - Government
Ministria e Mjedisit dhe Planifikimit Hapësinor
Ministarstvo Sredine i Prostornog Planiranja
Ministry of Environment and Spatial Planning

AGJENCIONI PËR MBROJTJEN
E MJEDISIT TË KOSOVËS

KOSOVSKA AGENCIJA
ZA ZAŠTITU SREDINE

KOSOVO ENVIRONMENTAL
PROTECTION AGENCY

HYDROMETEOROLOGICAL INSTITUTE OF KOSOVO



AIR QUALITY MONITORING IN THE REPUBLIC OF KOSOVO

26-27/04/2023

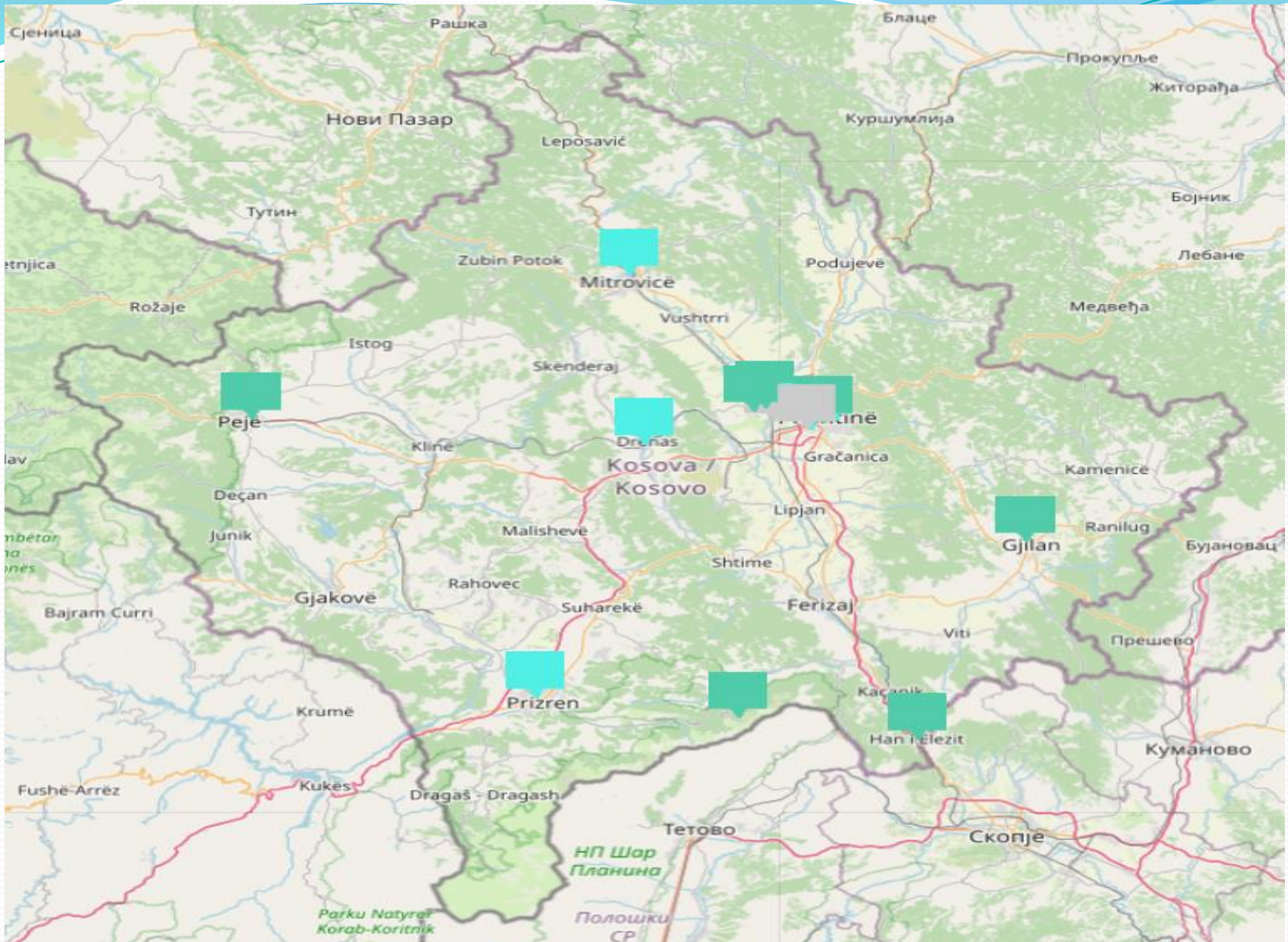
Montenegro

AIR QUALITY MONITORING

- Hydrometeorological Institute of Kosovo–KHMI, Kosovo Environmental Protection Agency-KEPA monitor air quality throughout the territory of the Republic of Kosovo, through the National Air Quality Monitoring Network.
- National Air Quality Monitoring Network is composed of 12 fixed automatic stations and one mobile automatic station.
- Distribution of stations and the selection of monitoring locations was made in accordance with the criteria of the Directive 2008/50/EU for clean air in Europe, and respecting these criteria the stations were distributed in 9 (nine) municipalities of Kosovo: Pristina, Obilikit, Drenas, Mitrovica , Pejë, Prizren, Brezovica, Hani i Elezit and Gjilan.
- Parameters : SO₂, O₃, NO₂, CO, PM₁₀ PM_{2.5},
- Temperature, °C;
- Pressure; mbar ose hPa;
- Relative air humidity, %;
- Wind speed, m/s;
- Rainfall;
- Wind direction;



AIR QUALITY MONITORING NETWORK IN KOSOVO



12 national stations (urban, suburban, industrial, traffic) and one Mobile

FIXED AIR QUALITY MONITORING STATION

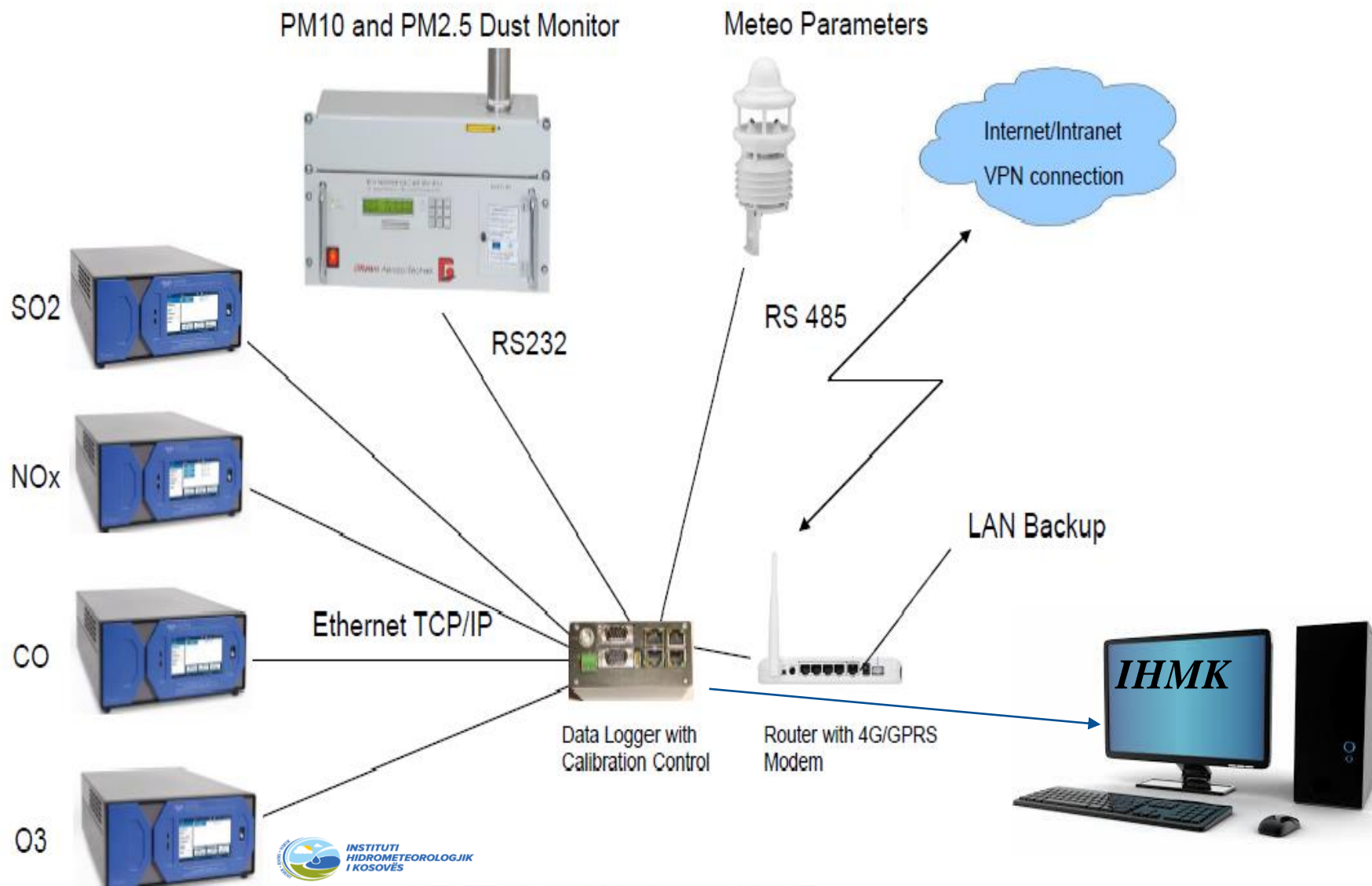


DESCRIPTION OF THE MONITORING NETWORK

<i>Codes</i>	<i>Name and Place</i>	<i>Type</i>	<i>Parameters</i>
KS0101	Prishtine-HMIK	Background/Suburban	SO ₂ , NO ₂ , CO, O ₃ , PM ₁₀ /PM _{2.5} And meteorological parameters
KS0102	Prishtine-Rilindja	Trafik /urban	SO ₂ , NO ₂ , CO, O ₃ , M ₁₀ /PM _{2.5} And meteorological parameters
KS0103	Drenas- QMF	Background/urban	SO ₂ , NO ₂ , CO, O ₃ , PM ₁₀ /PM _{2.5} And meteorological parameters
KS0204	Mitrovicë - Stacioni i meteorologjsë	Background/urban	SO ₂ , NO ₂ , CO, O ₃ , PM ₁₀ /PM _{2.5} And meteorological parameters
KS0305	Pejë- Stacioni i meteorologjsë	Background/urban	SO ₂ , NO ₂ , CO, O ₃ , PM ₁₀ /PM _{2.5} And meteorological parameters
KS0406	Prizren-Primary School	Background/urban	SO ₂ , NO ₂ , CO, O ₃ , PM ₁₀ /PM _{2.5} And meteorological parameters
KS0507	Brezovica - Skying area	Background/rural	SO ₂ , NO ₂ , CO, O ₃ , PM ₁₀ /PM _{2.5} And meteorological parameters
KS0508	Hani i Elezit- Primary School " Ilaz Thaqi"	Background/urban & industrial	SO ₂ , NO ₂ , CO, O ₃ , PM ₁₀ /PM _{2.5} And meteorological parameters
KS0609	Gjilan-Yard - Primary School	Trafik /urban	SO ₂ , NO ₂ , CO, O ₃ , PM ₁₀ /PM _{2.5} And meteorological parameters
KS0110	Obiliq- QMF	Background/industrial	SO ₂ , NO ₂ , CO, O ₃ , M ₁₀ /PM _{2.5} And meteorological parameters
KS0111	Dardhishte- Primary School	Background/industrial	SO ₂ , NO ₂ , CO, O ₃ , M ₁₀ /PM _{2.5} And meteorological parameters
KS0112	Palaj-Kosova Mont	Background/industrial	SO ₂ , NO ₂ , CO, O ₃ , M ₁₀ /PM _{2.5} And meteorological parameters
KS0113	Mobile	- -	SO ₂ , NO ₂ , CO, O ₃ , M ₁₀ /PM _{2.5} And meteorological parameters

Overview in Station Data Acquisition System m

Overview Station Data Acquisition System



Quality Control Routines

MENU



Evaluation

Output Format [help](#)

- Graph
- Table interactive
- Table simple
- Excel
- XML
- CSV
- CSV Stationwise

- Daily Mean
- Long Values
- 30 min Mean
- 15 min Mean
- 10 min Mean
- 5 min Mean
- 3 min Mean
- Short values

Options: [help](#)

- Individual Graph
- Individual Graph 1/2 Height
- Combined Graph
- Combined Graph Interactive
- Combined Graph Interactive 2
- YX Graph
- Month zoom

- Preset scale
- Autoscale
- MAXscale
- Upright
- Valid Values
- Public Values
- In Browser
- as File
- RAW values
- Origin Count

Available Data Points: [help](#)

SEL. SAME SEL. IN TREE CLEAR

- Brezovica
- Dardhiste
- Drenas
- Gjilan
- Hani i Elezit
- Mitrovica
- Mobile
- Obiliq
- Palaj
- Peje
- Prishtine - IHMK
- Prishtine, Rilindje
- Prizren
 - O3 µg
 - SO2 µg
 - NO µg
 - NO2 µg
 - CO mg
 - PM10
 - PM2.5
 - Temp_TM
 - Temp.
 - Humidity
 - Pressure
 - W.Speed
 - W.Direct
 - Rain Vol
 - O3
 - SO2
 - NO
 - NO2
 - NOx
 - CO_d
 - CO_h
 - CO

Storable Presetting: [help](#)

LOAD	SO2	SAVE
LOAD		SAVE
LOAD		SAVE
LOAD		SAVE
LOAD		SAVE
LOAD		SAVE
LOAD		SAVE
LOAD		SAVE
LOAD		SAVE
LOAD		SAVE

Date / Time [help](#)

from Date: 12.04.2023 00:00

-1 -3 -6 -12 -24

until Date: 13.04.2023 00:00

+1 +3 +6 +12 +24

LAST YEAR

Final

RESET SEND

Enter Remote Address

Your Address
533 029 770

🔄 ☆ 🏠

- PRIZEREN
- PALAJ
- Gjilan
- Hani Elezit
- OBILIQ
- Rilindja

All IHMK Sta...

	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Rilindja Roter	ON	Rilindje pc	ON
	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Gjilan router	ON	Router Hani elezit	ON
	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
H.Elezit pc	ON	Brezovica router	ON
	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Brezovica pc	ON	Brezovice analizeret	ON

Home Scene + Message Profile

Remote devices

- Komuna Online
- MA-Menza Online
- MA-Sirius Online
- Obiliq Online
- Rilindja Online
- Sheshi-Grandi Online
- Sheshi-Komuna Online

Overview Mess. dev. & values

Date: [4 / 13 / 23 14:19:05]

Parameter	Bargraph	Value	Dim	Status	OS	ES	Outp.
SO2		1.224	ppb	run	00	00	M
O3		41.000	ppb	run	00	00	M
CO		0.487	ppm	run	00	00	M
NO		3.790	ppb	run	00	00	M
NO2		9.400	ppb	run	00	00	M
NOx		13.000	ppb	run	00	00	M
Temp.		20.101	°C	run	00	00	M
Humidity		39.896	%	run	00	00	M
Pressure		959.724	hPa	run	00	00	M
W/Speed		2.086	m/s	run	00	00	M
W/Direct		6.465	Degr	run	00	00	M
PM10		11.261	µg/m³	run	00	00	M
PM2.5		4.260	µg/m³	run	00	00	M
SO2 µg		3.447	µg/m³	run	00	00	M
O3 µg		61.795	µg/m³	run	00	00	M
CO mg		0.567	mg/m³	run	00	00	M
NO µg		4.614	µg/m³	run	00	00	M
NO2 µg		17.973	µg/m³	run	00	00	M

Home 13:33:34

SO2 1.228 PPB

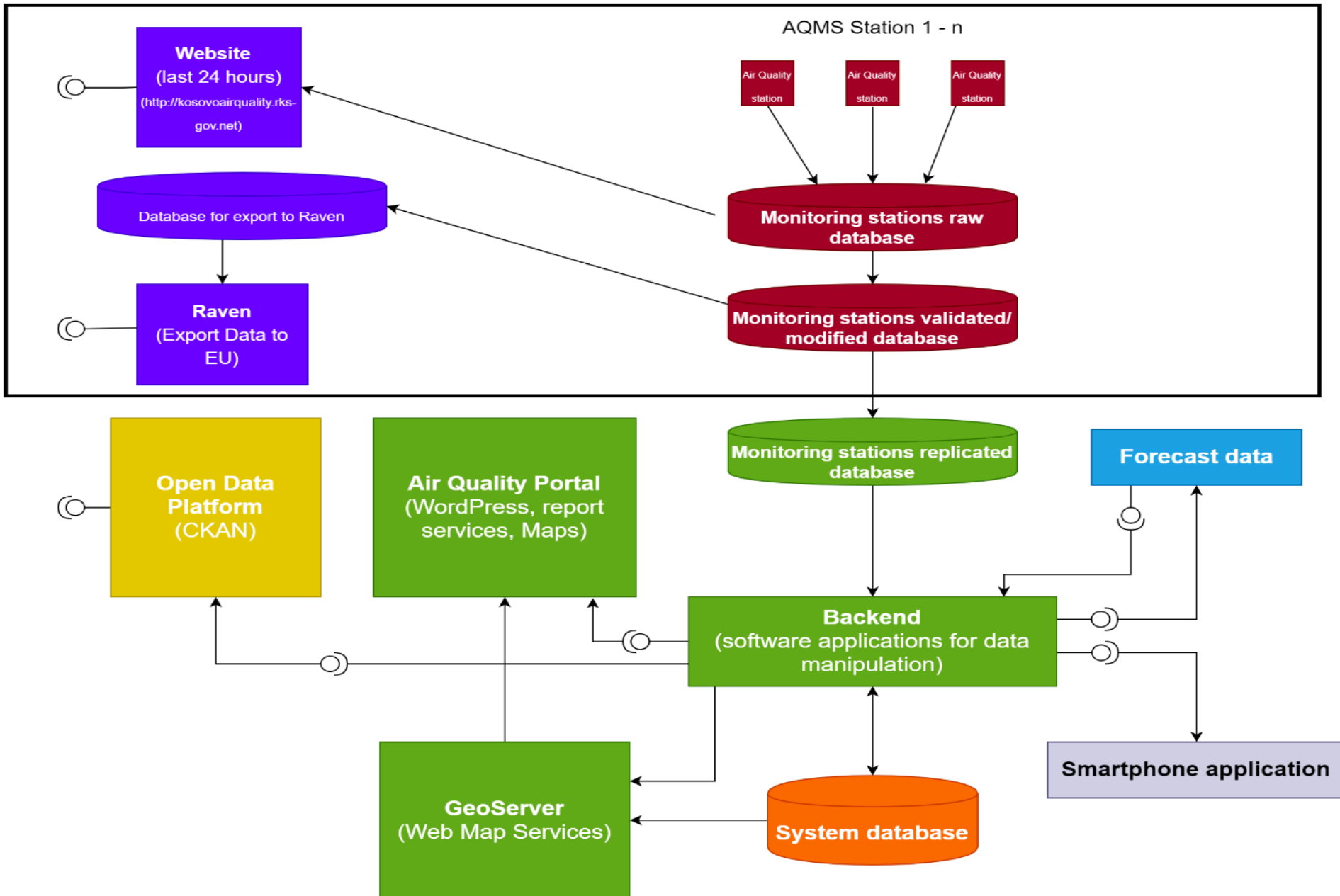
Maint Mode OFF

670.7 cc/min Sample Flow

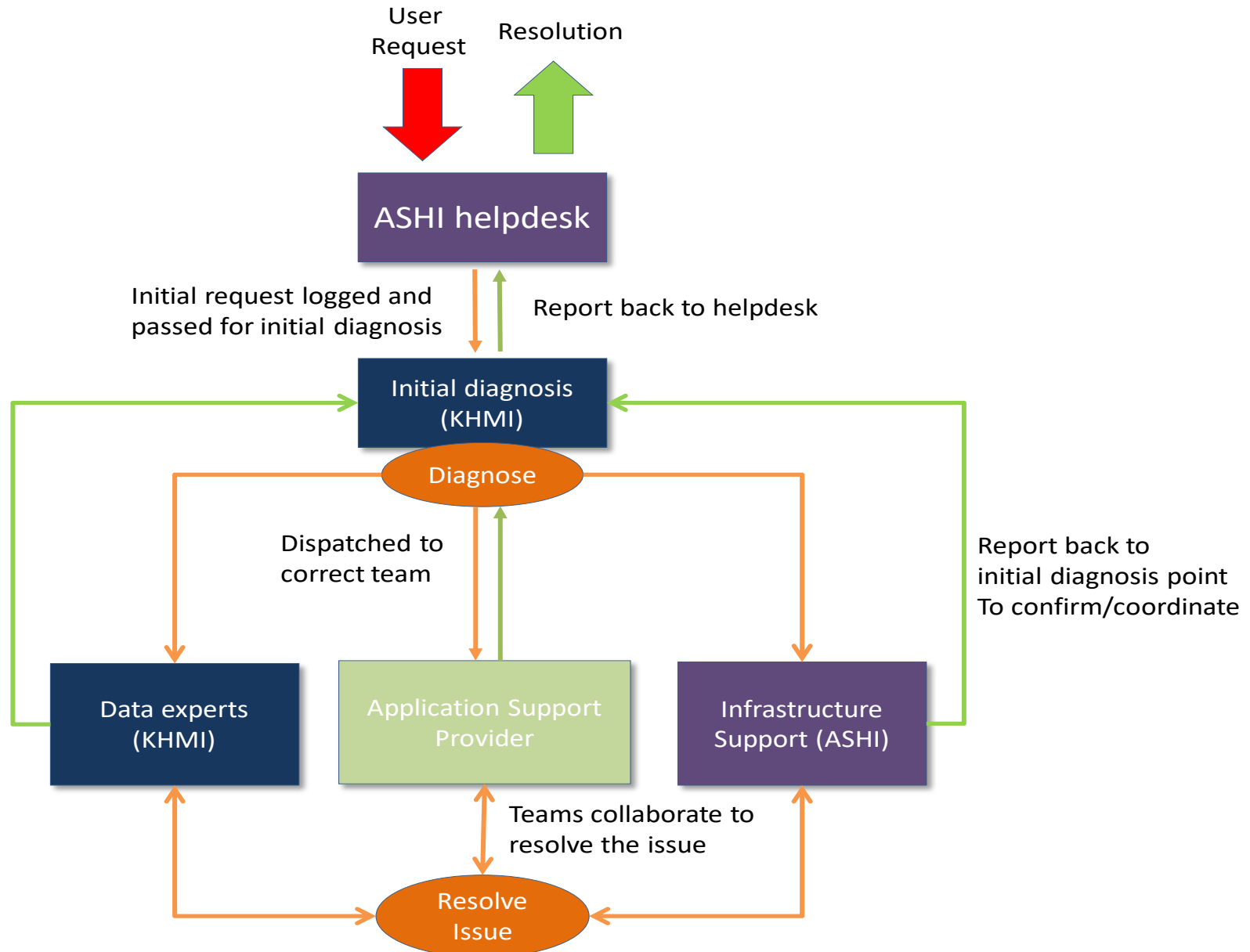
3,669.0 mV UV Lamp

Home Mode: SAMPLE

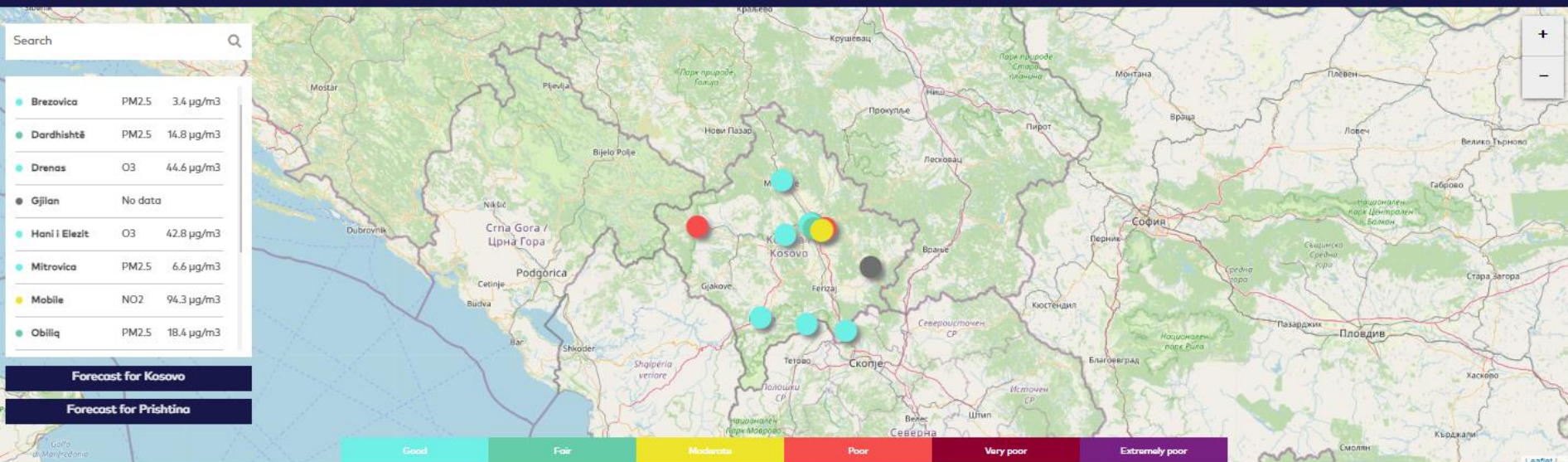
Overview of System



The support flow diagram is shown in the diagram below:



AirQuality IN Kosovo



Search

Brezovica	PM2.5	3.4 µg/m3
Dardhishtë	PM2.5	14.8 µg/m3
Drenas	O3	44.6 µg/m3
Gjilan	No data	
Hani i Elezit	O3	42.8 µg/m3
Mitrovica	PM2.5	6.6 µg/m3
Mobile	NO2	94.3 µg/m3
Obiliq	PM2.5	18.4 µg/m3

Forecast for Kosovo
Forecast for Prishtina



+ Legend explained

- Monitoring stations
- Brezovica
 - Dardhishtë
 - Drenas
 - Gjilan
 - Hani i Elezit
 - Mitrovica
 - Mobile
 - Obiliq
 - Palaj
 - Peja
 - Prishtina, KHMI
 - Prishtina, Rilindja
 - Prizren

Data section

Air quality from the last 24 hours for monitoring stations

	General	Prishtina Agglomeration	Kosovo Zone	Select stations
24h				
30d				
365d				



National Network for Air quality Monitoring

Responsible body: Instituti Hidrometeorologjik i Kosovës

Network type: country

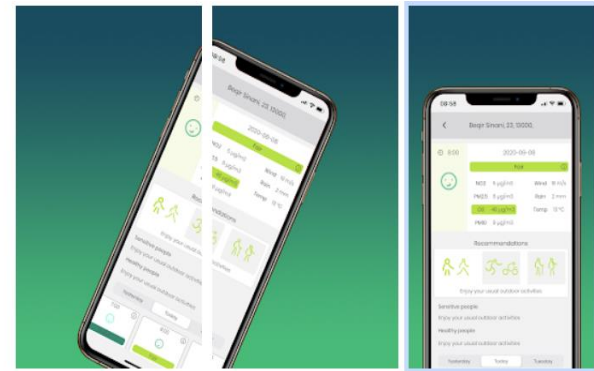
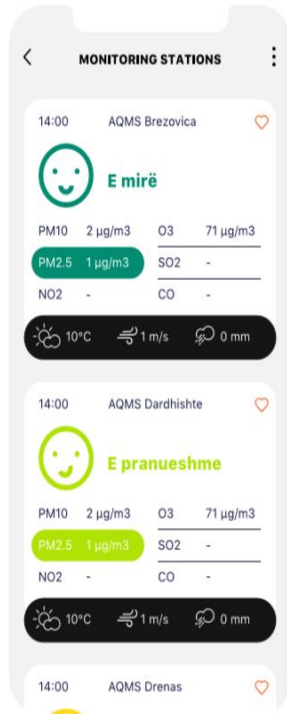
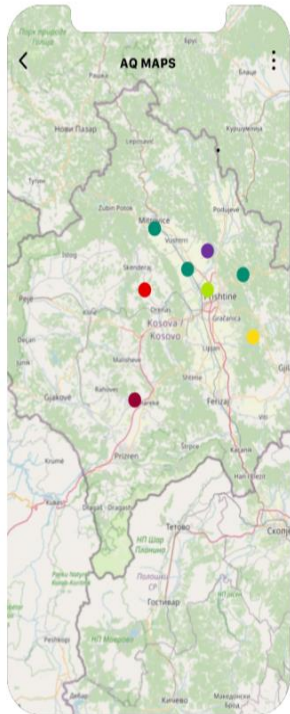
Address: Str. "Lidhja e Pejës", no number, Prishtinë, Kosovo

EOL code: -



Air Quality Mobile Application

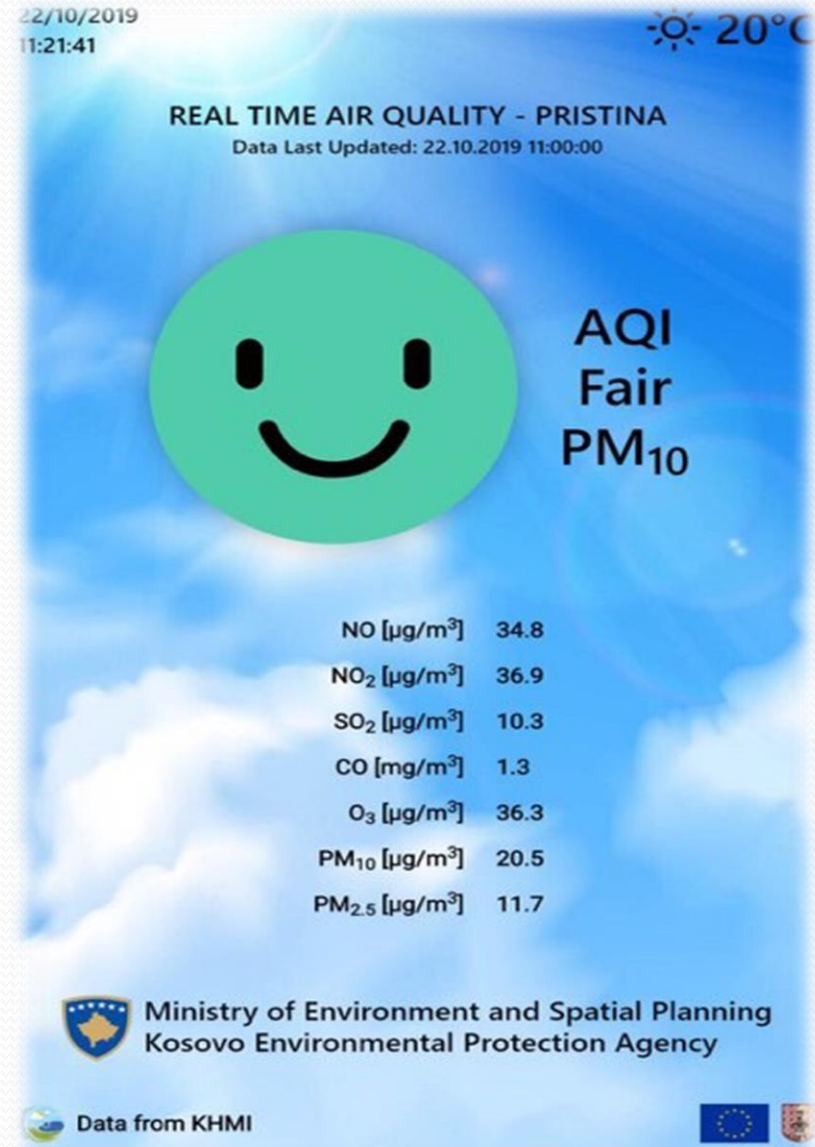
- ◇ 13 AQ stations x 5 AQ parameters;
- ◇ AQ quality maps;
- ◇ Forecasting for AQ for 3 days;
- ◇ Advisory for general population and sensitive groups.



<https://play.google.com/store/apps/details?id=com.atmoterm.kosovo>

PUBLIC INFORMATION ON AIR QUALITY

- *Air Quality Reports;*
- *The web pages of MESP, KEPA, KHMI;*
- *Mobile application;*
- *Media releases;*
- *Press conference;*
- *Direct meetings;*
- *Publications;*
- *Via email and phone. Etc...*



Web:

- <http://kosovoairquality.rks-gov.net/secure/index2.html>
- <http://ihmk-rks.net/?page=1,5>
- airqualitykosova.rks-gov.net
- <https://airindex.eea.europa.eu/Map/AQI/Viewer/>
- <https://www.ammk-rks.net/?page=1,172>
- <https://airindex.eea.europa.eu/Map/AQI/Viewer/>



*Ju faleminderit...
Thanks for attention...*



www.ihmk-rks.net