



AIR POLLUTION AND POLICY ACTIVITIES IN ULAANBAATAR

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ENVIRONMENT POLLUTION IN CAPITAL CITY
OF MONGOLIA**



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**USAGE OF IMPROVED
FUEL**

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ACTIONS**



ABOUT ULAANBAATAR

ULAANBAATAR IS THE CAPITAL OF MONGOLIA.

AROUND 1.5 MILLION PEOPLE LIVING IN THE CITY, WHICH HAS 9 DISTRICTS.

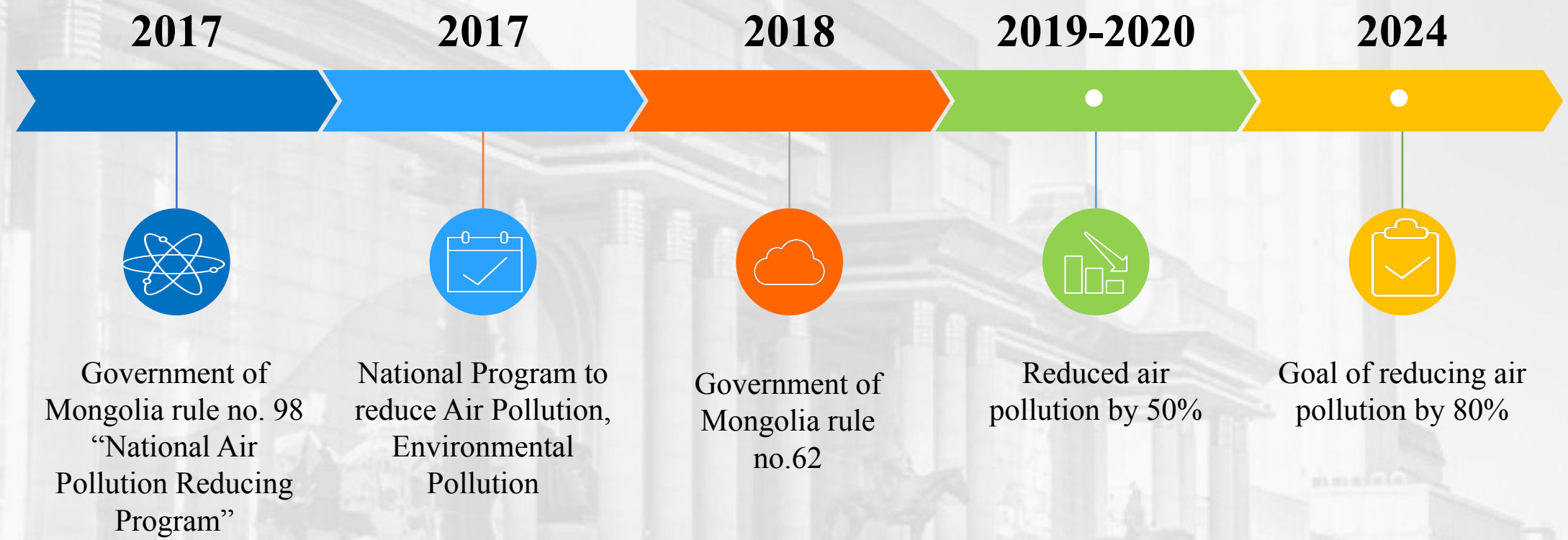
UB IS THE COLDEST CAPITAL CITY IN THE WORLD.

UB IS THE DEVELOPING AND MODERN CITY.



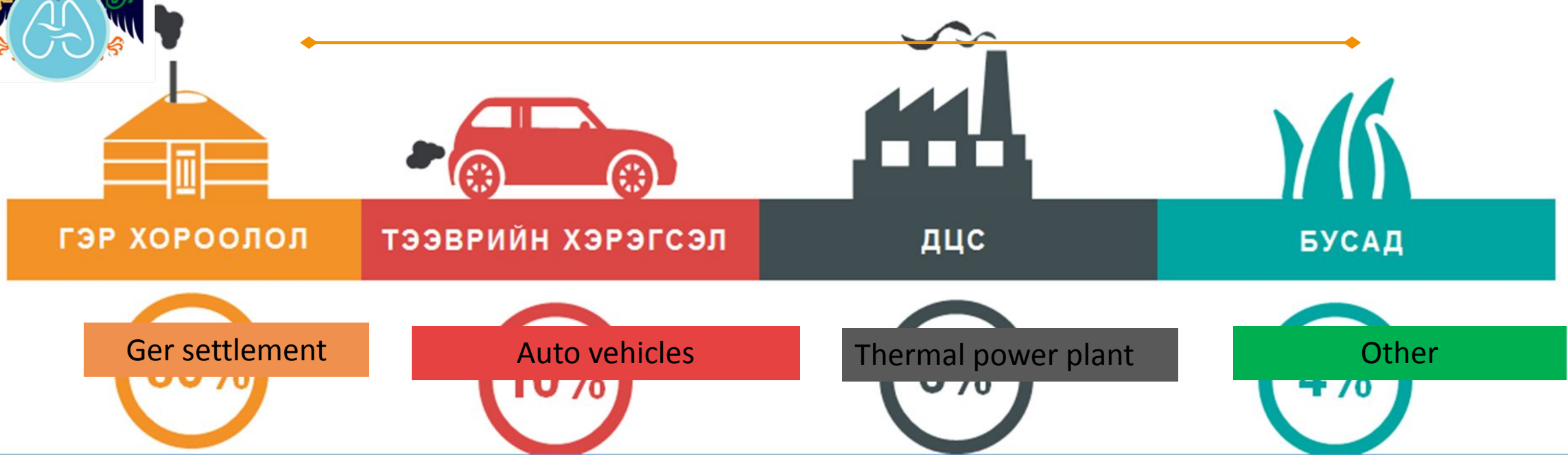


TARGET LEVEL OF AIR POLLUTION MEASURED TAKEN BY THE GOVERNMENT OF MONGOLIA





SOURCE OF AIR POLLUTION



Smoke from the Ger settlement and company stoves

The air pollution from auto vehicles

Smoke from Thermal power plant

Dust on the road and floor pollution



Air quality policies and acts

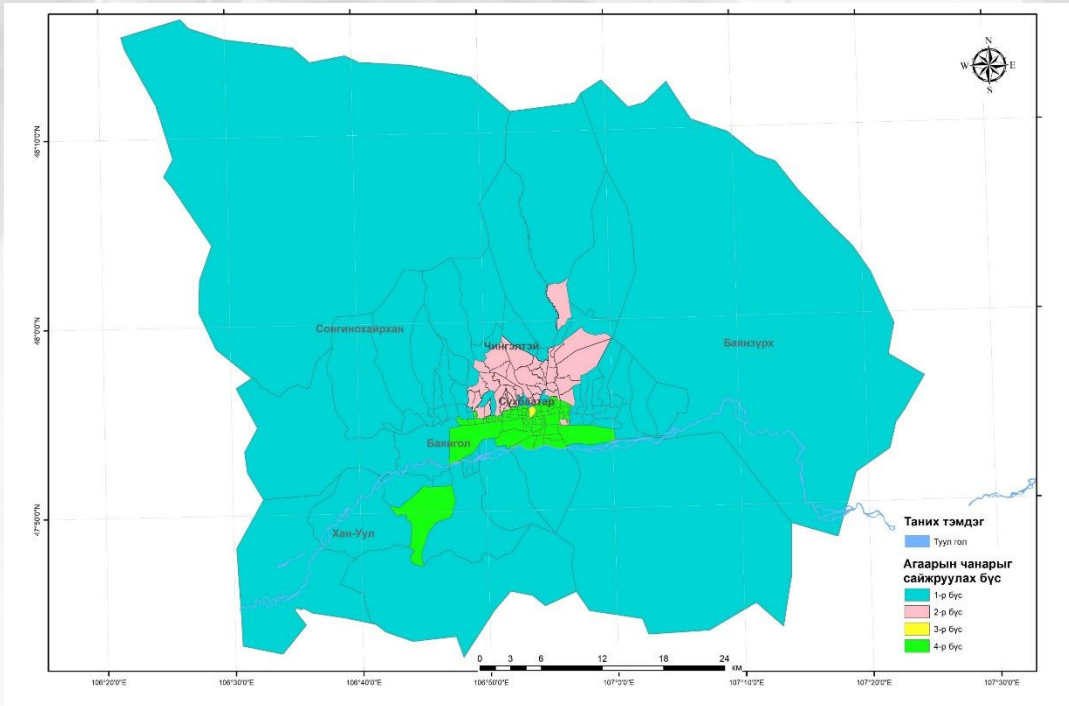
- ❖ All domestic stoves other than **MNS5216:2016 standard** are banned from sales in Ulaanbaatar from 1 April, 2017



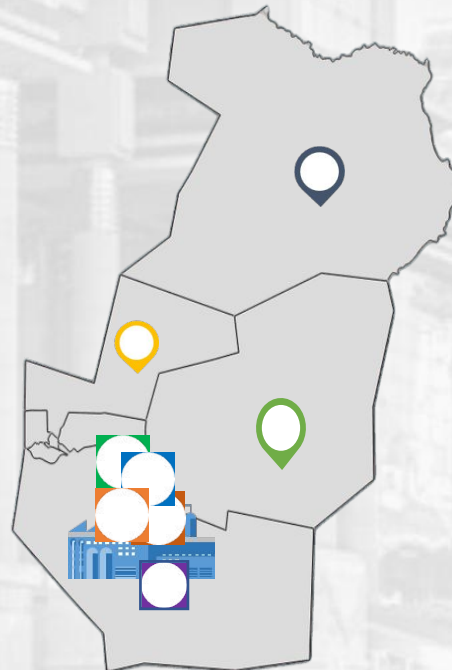
- ❖ Banning the use of raw coal beginning from 15 May, 2019



Air quality improvement zoning



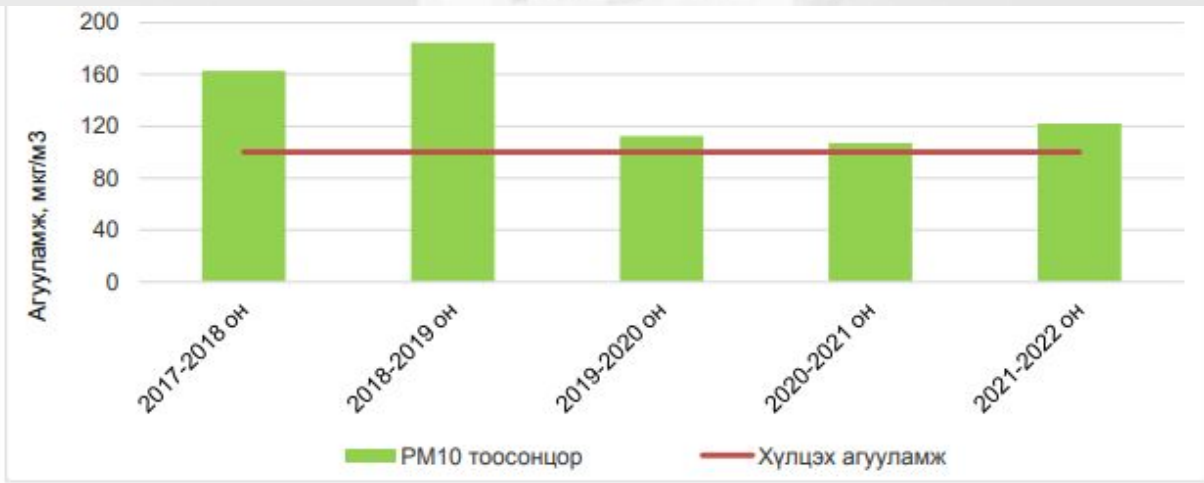
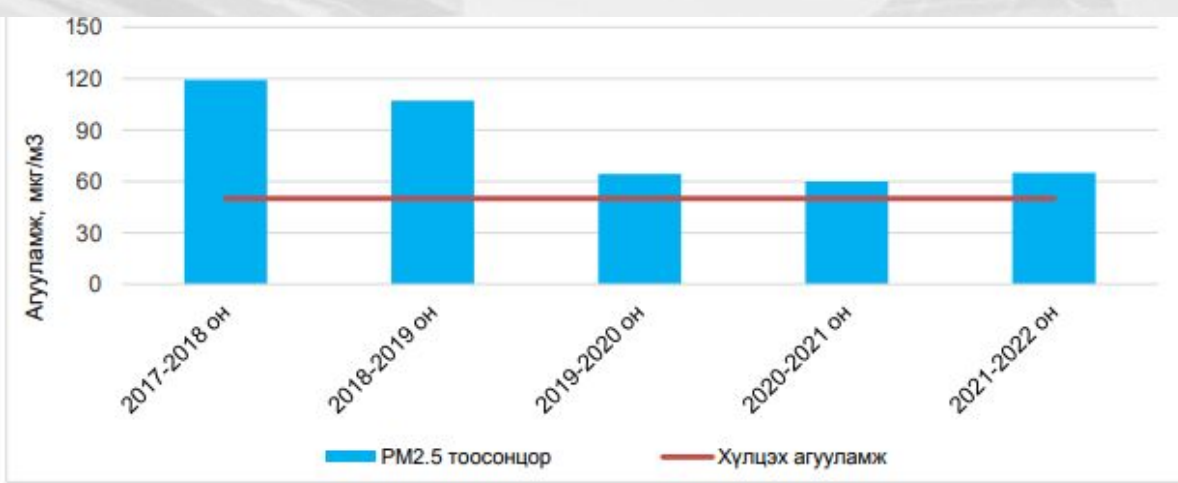
According to Government of Mongolia Resolution No. 223 of June 8, 2022, Nalaikh district has been included in the capital's air quality improvement zone.



A total of 10,295 families live in 8 Khoroo of Nalaikh district.
70% of the above households or 7,691 households live in slums.
Preparations are being made to distribute gas detectors in Nalaikh district.

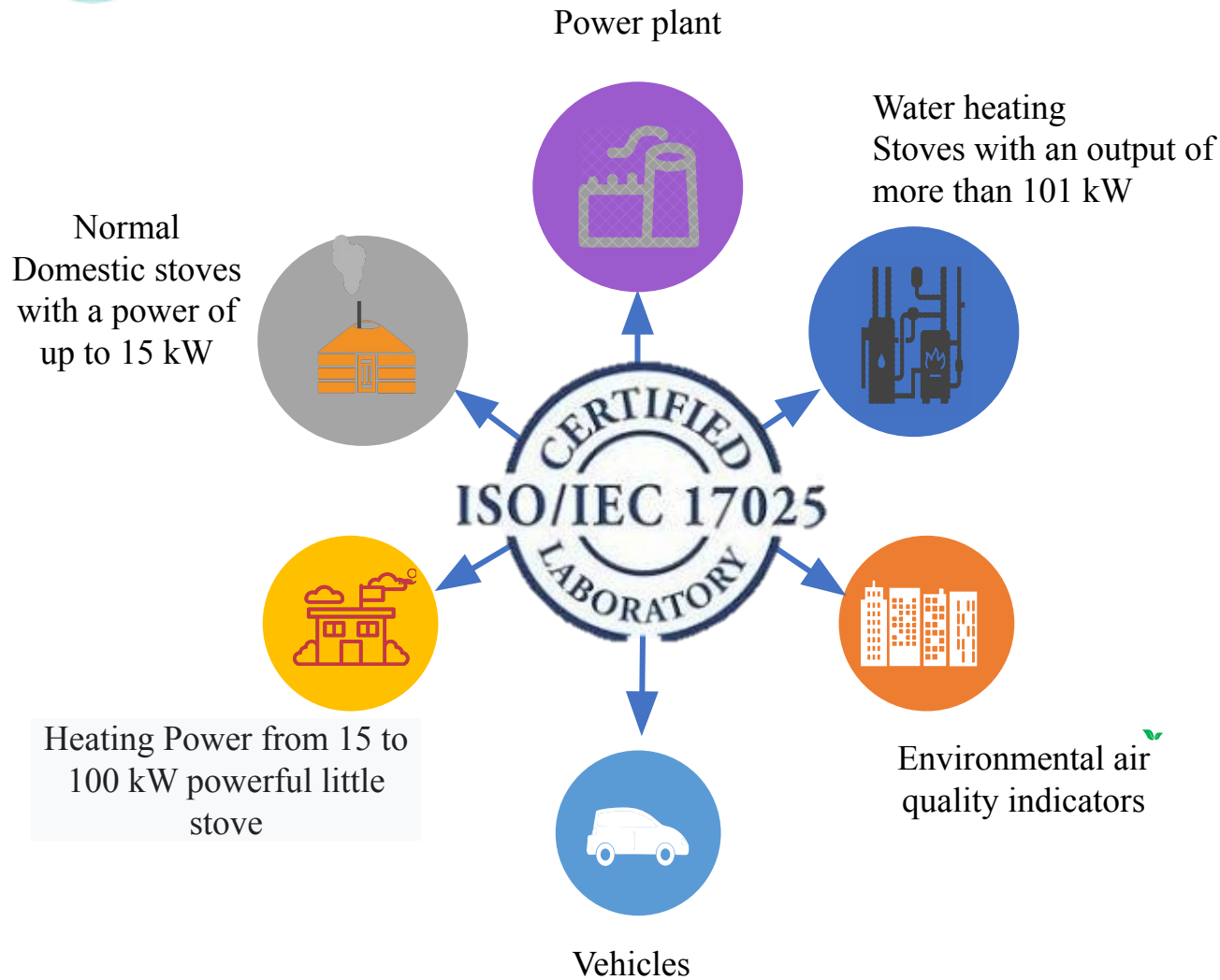


Air pollution review for cold seasons in Ulaanbaatar





AS PART OF STRENGTHENING AIR QUALITY MONITORING CAPACITIES

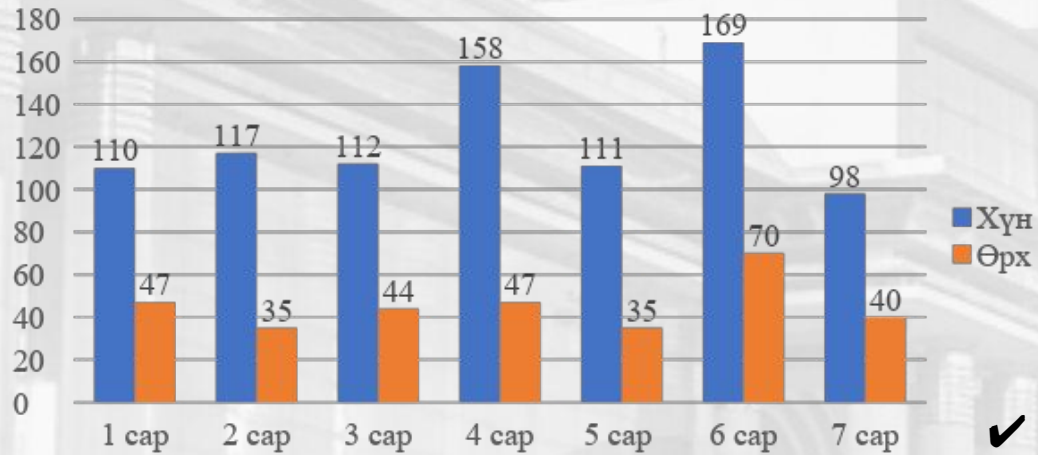


We have an accredited air quality control laboratory that meets the requirements of the MNS ISO/IEC 17025:2018 standard.



PREVENTIVE ACTIVITIES AGAINST CARBON MONOXIDE POISONING

Call from citizens poisoned by carbon monoxide
/year of 2021/



Carbon monitors have been installed in **199586** households in 6 districts of the capital city



- ✓ "Tavan Tolgoy Tulsh" LLC has prepared to install air sensor signals at high risk carbonyl poisoning groups of **36,260** household.
- ✓ We will install air sensor signals in **63000** household as a trial.

Following colors indicate the normal operation of the carbon monoxide of households at risk by the integrated control system.





FURTHER ACTIVITIES

- ❖ Prevent the risk of carbon monoxide poisoning in households and reduce the risk of carbon monoxide poisoning
- ❖ Improve air quality by covering 9 districts of the capital in the air quality improvement zone
- ❖ Cover the heating needs of households in the Ulaanbaatar area and heating stove consumers with sources other than coal
- ❖ Reduce air pollution from vehicles
- ❖ Analyzing air pollutants and determining the proportion of air pollutants

THANK YOU FOR YOUR ATTENTION

