

# World Bank support in Urban Mobility and Digital Solutions

February 28, 2022



# The what...



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# The why...

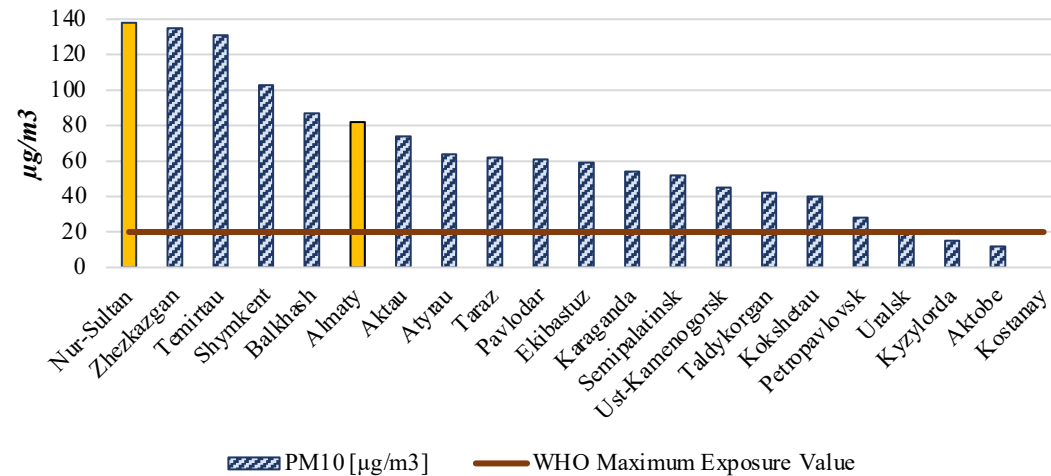
*Smog Inversion over Almaty*



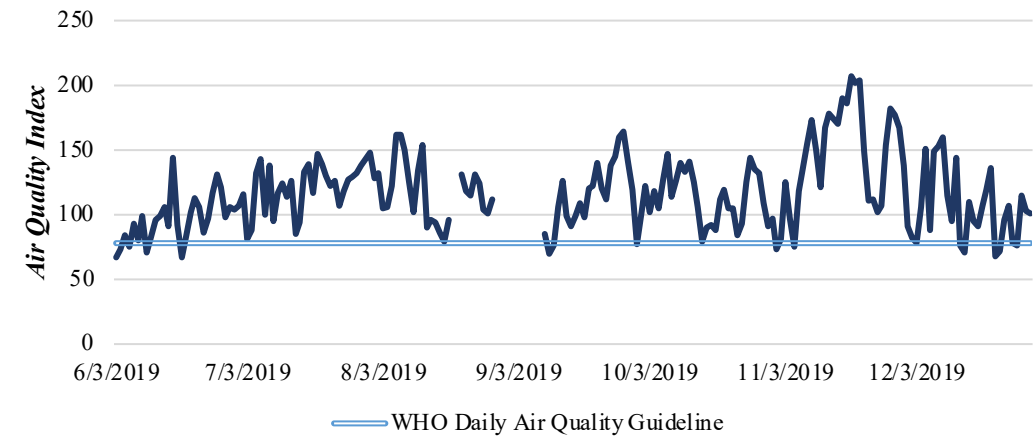
*Smog Inversion over Bishkek*



*Average Annual PM10 Concentration, 2015-2017*



*PM 2.5 Particulate Emissions in Tashkent, June-December 2019*



Source: Kerimrauy, A. Kenessov, B. and Karaca, F. 2019. Trends and health impacts of major urban air pollutants in Kazakhstan. *Journal of the Air & Waste Management Association*



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Source: World Air Quality Index Project; U.S. Embassy, Tashkent



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# *The how...*

## *Activities:*

***PUBLIC TRANSPORT RESILIENCE:*** Seeks to capture lessons learned from the COVID-19 experience and apply this to a set of forward-looking resilience strategies. These will detail global best practices around preparing for pandemic-like shocks, financial crises and extreme weather events.

***E-MOBILITY (ALMATY ONLY):*** Seeks to identify (i) the scope for eMobility to play a role in near- to medium- term local particulate emissions mitigation, and (ii) those policy options which could accelerate uptake

***SMART SOLUTIONS VIABILITY ANALYSIS:*** Exploring how smart city technologies can tackle issues around congestion, local particulate emissions and road safety in Central Asian cities. To reflect the need for beneficiaries to be able to self-sustain systems following completion of the project.

***SMART SOLUTIONS ROAD MAP:*** Roadmap detailing priority smart city projects and financing options.

***PILOT PROJECT:*** Development of a pilot project to support the creation of an enabling environment and operationalize smart-city interventions

# The how...

Tashkent



Almaty



Nur Sultan

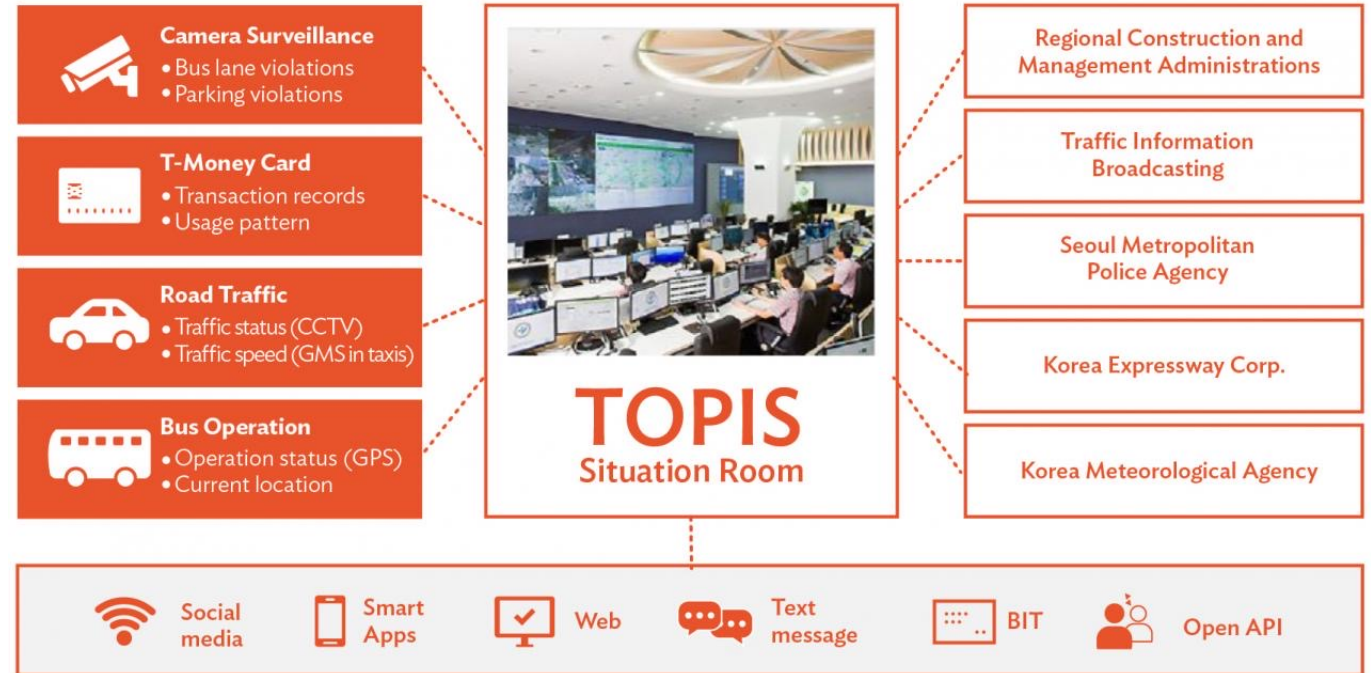


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# The who...



***Thank you!***

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