

ADB Asia Clean Blue Skies Program Phase 1  
**Launch Event | Suwon City, South Korea**

# Opportunities for Air Quality Support under Phase 1

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# Agenda

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Screening process

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Transport sector

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Energy sector

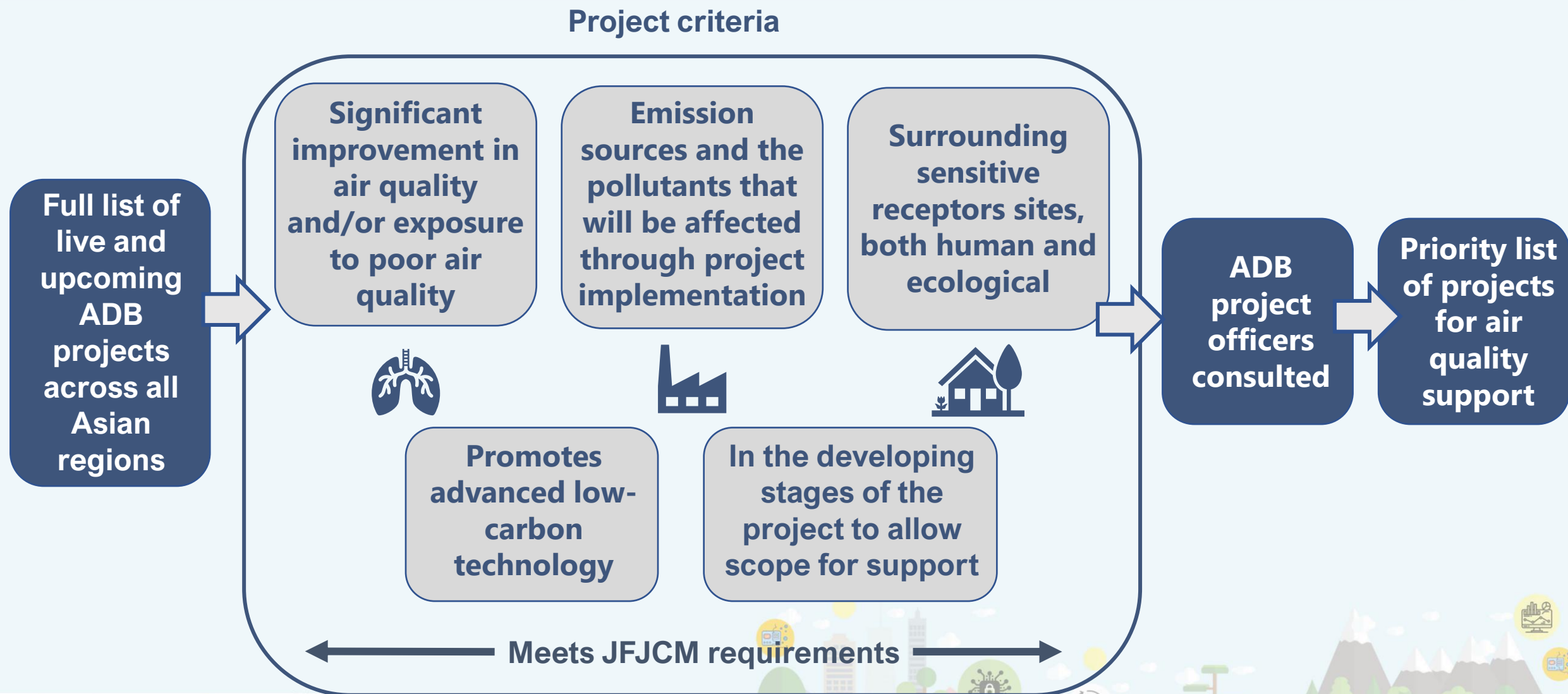
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Urban sector

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# Which projects could be appropriate for ACBSP Phase 1?



# Potential Phase 1 Projects



# Vientiane Sustainable Urban Transport Project, Laos

## What is the ADB project?

- Establishing a sustainable high-quality public bus transport system in **Vientiane, Laos**
- Extra funding is required to change the **bus rapid transit (BRT)** routes, and to introduce **battery electric buses (BEBs)** instead of diesel buses

## Project interest for ACBSP Phase 1

- Rapid population growth
- Large increase in private vehicle usage
- Increased congestion in close proximity to sensitive receptors
- Increased emissions of air pollutants and GHGs

## Potential support to be provided

- **Assess AQ impacts** of introducing BEBs and changing BRT routes
- Health impacts due to air pollution reduction can be **monetised**
- **Dispersion modelling** to understand exposure due to different BRT road network scenarios
- Quantification of **GHG emission reduction**
- Seeking JFJCM funds to co-finance the investment project



# Green Fuel Demonstration Project, India

## What is the ADB project?

- Supporting an existing **petroleum company** in India to **decarbonise** their plant portfolio
- Shift to **green fuels** such as biofuels, green hydrogen, waste-to-energy

## Project interest for ACBSP Phase 1

- Shift to renewable fuels promotes **low-carbon technologies**
- Project will **reduce emissions** of air pollutants and GHGs
- **Reduces exposure** of the local population to poor air quality

## Potential support to be provided

- Training and **capacity building** workshops
- Asses emissions reductions by **modelling pollutant concentrations** for each green fuel
- Assess **economic and health benefits of technological improvements**
- Quantification of **GHG emission reduction**
- Seeking JFJCM funds to co-finance the investment project

# Supporting Renewable Energy Project, Mongolia

## What is the ADB project?

- Introducing **electric or hybrid heaters** for **government buildings** (e.g. offices, schools, hospitals etc.) in the **Ger area of Erdenet, Mongolia**

## Project interest for ACBSP Phase 1

- Heavy reliance on **coal-fired boilers** in urban areas, or **coal-burning stoves** in suburban and rural areas
- Shift to **clean indoor heating**
- **Reduces exposure** of the local population to poor indoor air quality

## Potential support to be provided

- Training and **capacity building** workshops
- **Emissions assessment** of AQ benefits of the shift to clean indoor heating
- Quantification of the **economic and health benefits**
- Quantification of **GHG emission reduction**
- Seeking JFJCM funds to co-finance the investment project

# Thank you – any questions?



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