



# SUSTAINABLE WATER MANAGEMENT OF LAHORE

To conserve and replenish  
Lahore's water resources

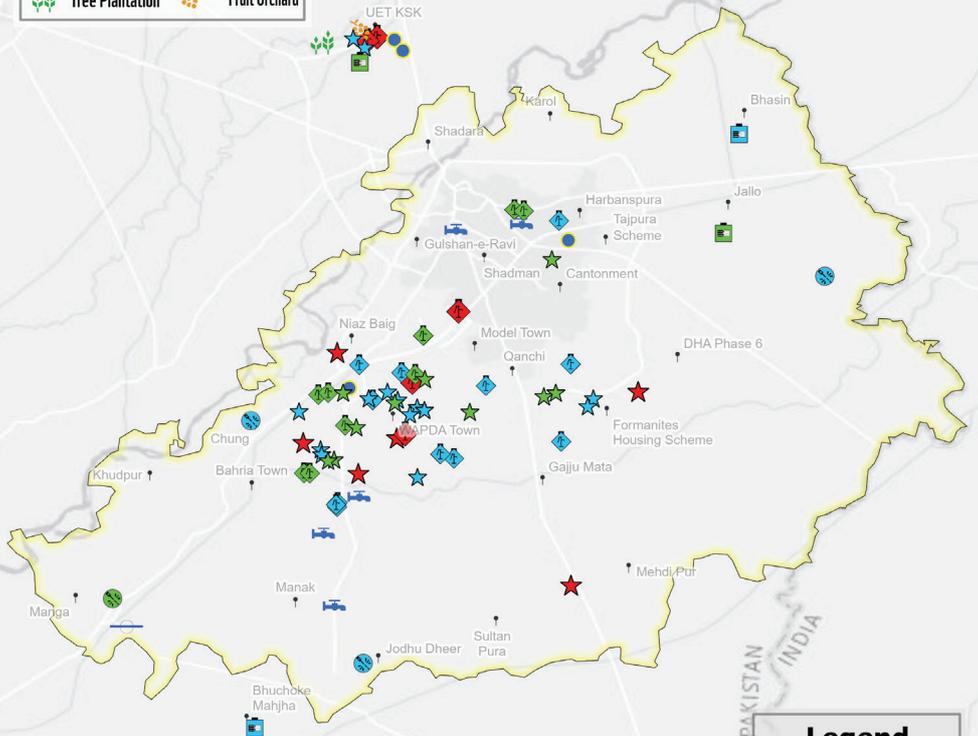
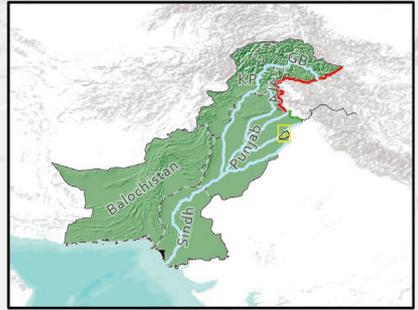


# SUSTAINABLE WATER MANAGEMENT OF LAHORE



## Replenishing Water Interventions

-  30 Ablution/Greywater Reuse System
-  8 Floating Treatment Wetland
-  98 Acre Laser land leveling
-  28 Recharge Well
-  50 Rainwater Harvesting Storage Tank
-  450m Water course lining
-  28 Water Fixture
-  Tree Plantation
-  Fruit Orchard



## Legend

-  River
-  Working Boundary
-  Line of Control
-  International Boundary
-  Province Boundary

Note:  
 Intervention shown by Green color are installed under Coke Phase-I,  
 Blue color in Phase-II and  
 Red color in Phase-III Project



# PHASE-I

Project Area: Lahore

Project Donor: Global Water Challenges

Duration: Nov 2022 – July 2023



Annual Replenishment Target **183,890m<sup>3</sup>**

## - KEY COMPONENTS -

**10** Recharge Wells

**03** Floating Treatment Wetlands

**10** Ablution Water Reuse System

**35** Acres Laser Land Leveling

**10** Fix the Leak  
*(on campus water conservation initiatives)*



Beneficiaries  
Female  
**11,300**



Beneficiaries  
Male  
**26,000**

# PHASE-II

Project Area: **Lahore**

Project Donor: **The Coca-Cola Foundation**

Duration: Jan 2023 - Dec 2023



Annual Replenishment Target **276,826m<sup>3</sup>**

## - KEY COMPONENTS -

**12** Recharge Wells

**04** Floating Treatment Wetlands

**14** Ablution Water Reuse System

**450m** Water Course Lining

**33** Acres Laser Land Leveling

**15** Rooftop Water Harvesting System

**10** Fix the Leak  
*(on campus water conservation initiatives)*



Beneficiaries  
Female  
**77,549**



Beneficiaries  
Male  
**163,251**

# PHASE-III

Project Area: Lahore

Project Donor: Coca-Cola Beverages Pakistan Limited (CCBPL)

Duration: Dec 2023 - Nov 2024



Annual Replenishment Target **100,000m<sup>3</sup>**

## - KEY COMPONENTS -

**06** Recharge Wells

**01** Floating Treatment Wetland

**06** Ablution Water Reuse System

**15** Acres on Farm Water Management  
*(Laser land leveling)*

**10** Fix the Leak Campaign  
*(on campus water conservation initiatives)*

**01** Fruit Orchard



Beneficiaries  
Female  
**8,000**



Beneficiaries  
Male  
**15,000**



- **To conserve and replenish Lahore's water resources**
  - **To create awareness in communities and with stakeholder**

## CAPACITY BUILT PER YEAR



**209,000m<sup>3</sup>**  
Groundwater  
Recharge



**279,005m<sup>3</sup>**  
Water  
Reclaimed  
for Reuse



**55,075m<sup>3</sup>**  
Reduced  
Water  
Losses



**6,000m<sup>3</sup>**  
Rainwater  
Conserved  
for Reuse

## Stakeholders

- PHA
- LDA
- Rescue 1122
- El Shaddai Trust
- SOS Children's Village
- WASA
- JWEC
- PCRWR
- CEWRE
- PCSIR

## SDG'S

**6** CLEAN WATER  
AND SANITATION



**12** RESPONSIBLE  
CONSUMPTION  
AND PRODUCTION



**13** CLIMATE  
ACTION



**17** PARTNERSHIPS  
FOR THE GOALS



# COMMUNITY MOBILISATION EFFORTS

**4**

Medical  
Camps

**430+ patients**

received free medical check-ups and medicines, highlighting the significance of clean water and hygiene to raise awareness about waterborne diseases

**485 students**

participated including **380 girls** and **105 boys** from government schools

**10+**

Wash  
Session

**8**

Water  
Education  
Session

Capacity building for over **850 students** on water conservation at an individual level

Over **120 students** were given the opportunity for an exposure visit

Exposure  
Visit

Served across the city with on-ground installations



**11**

Villages



**25**

Communities



**15**

Universities



**01**

Madrassa



**05**

Govt Departments



**02**

NGOs/Trust

# SNAPSHOTS OF OUR PROJECT JOURNEY

