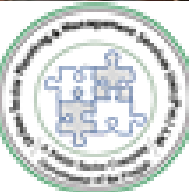


Water and Sanitation Situation in Pakistan



Mr. Abid Hussain Shah Hussainy, Senior Specialist - Strategic Management,
Urban Sector Planning & Management Service Unit (Pvt.) Ltd. (the Urban Unit) Government of the Punjab



PAKISTAN'S PROGRESS ON THE SUSTAINABLE DEVELOPMENT GOALS



To ensure early institutionalization of SDGs, Planning & Development Department, Government of **Punjab** established SDGs Support Unit under Project on "Mainstreaming, Acceleration & Policy Support for SDGs".

WORK
BEING
DONE

- **Guidelines for formulation of Annual Development Programme (2017-18) issued** for alignment with SDGs
- **Two-district piloted for developing district level SDGs Plans** - To address the geographical inequalities, pilot SDGs localization focusing on lagging district
- **Alignment of policies and budgets to SDGs**- support to the departments
- **Data gap analysis**- Data gap analysis for 230 SDGs indicators and mapping of survey instruments, including MICS, initiated to improve quality and frequency/ availability of data
- **Awareness and Advocacy campaign** on SDGs and engagement of Local Civil Society and private sector
- **Financial flows study**

ADOPTING 'MAP' APPROACH

Mainstreaming

Landing the SDG agenda at the national and local levels: integration into national and sub-national plans for development; and into budget allocations

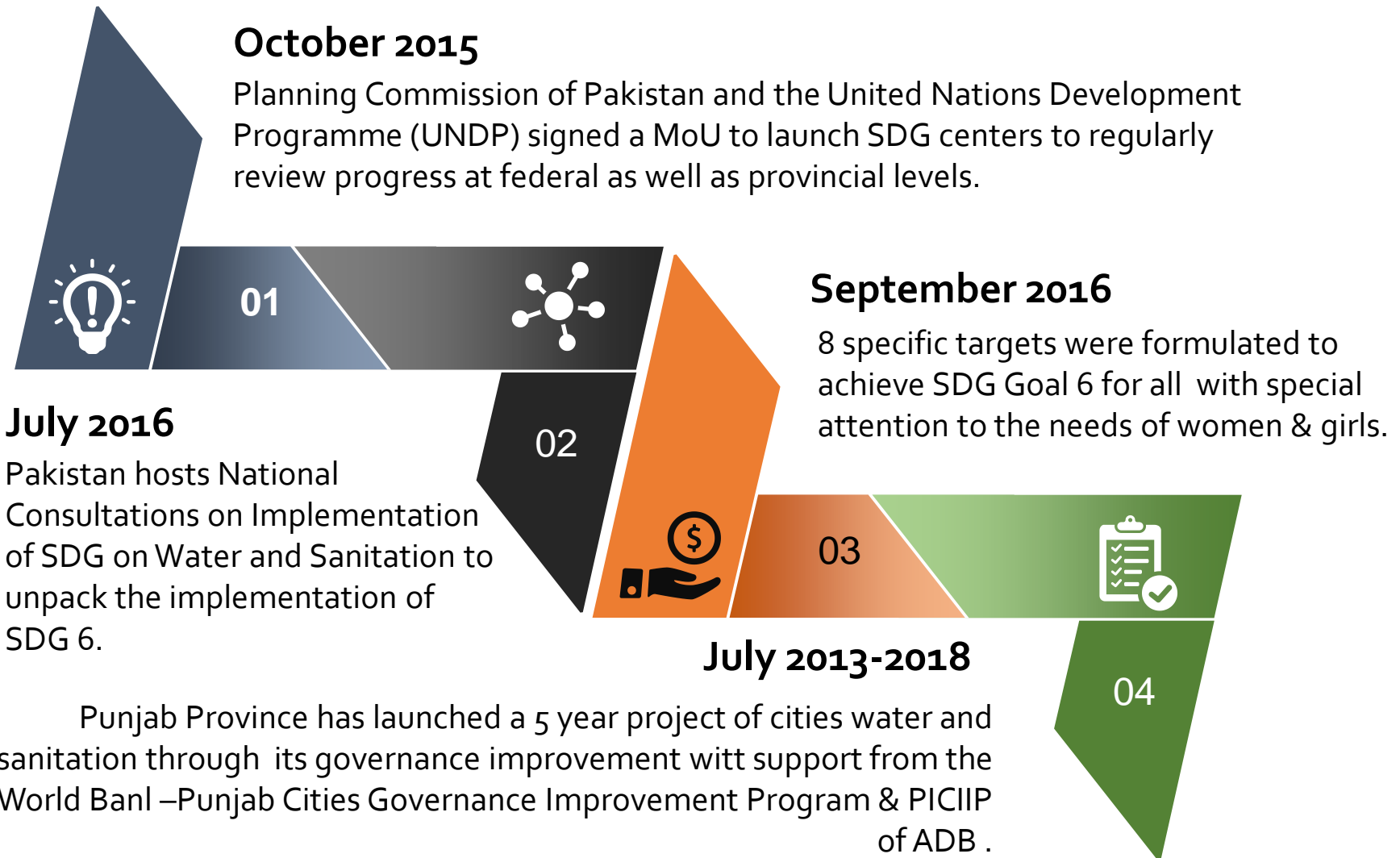
Acceleration

Support an integrated approach, including synergies and trade-offs across sectors along with Bottlenecks assessment, financing and partnerships, and measurement

Policy Support

Support – Cities for improving the Governance and system integrated with Capacity Building

Goal 6 and Goal 11



Prime Ministers Global SDG's achievement Program

Dash Board



MONITORING DASHBOARD

Logout

PRIME MINISTER'S GLOBAL SDG's ACHIEVEMENT PROGRAM

P&D DEPARTMENT, GOVERNMENT OF THE PUNJAB

Allocation	DICC Clearance Status		DDC Approval Status		Released Status		Procurement Status			
44,820 (M)	No. of Schemes	Est. Cost (M)	No. of Approved Schemes	Cost (M)	No. of Schemes	Release Amount (M)	Tenders Issued	Work Awarded		
	19,422	43,131.7	18,470	41,334	16,940	36,861.4	15,628	14,182		
Financial Progress					Physical Progress				Issues	
Power Schemes	Gas Schemes	Provincial Utilized Amount	Utilized Amount Total	Utilized Vs Approved (%)	Work Started	Provincial Progress (%)	Progress Power & Gas (%)	Schemes Completed	Quality	Others
6,635.08 (M)	1,065.79 (M)	11,631.4	19332.3	46.75	8,608	40.6	7.91	2,657	7	3

Pakistan >> Pun

Physical Progress

0-20%

20-40%

40-60%

60-80%

80-100%

Social

Infrastructure

Power

Gas

Municipal

Punjab

Sindh

Khyber Pakhtunkhwa

Balochistan

BWP

DGK

FSD

GUJ

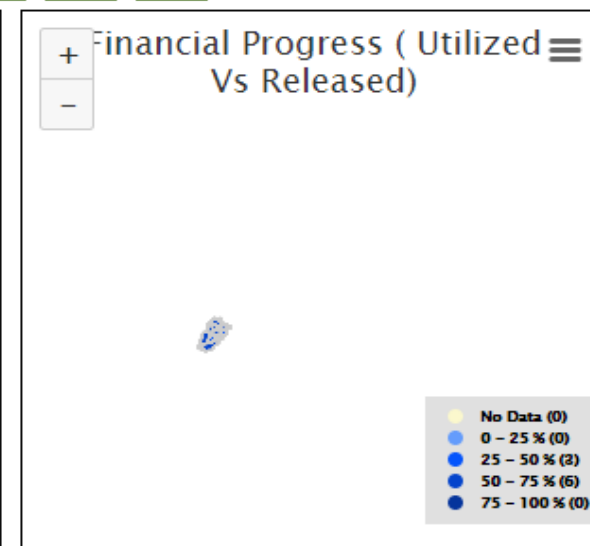
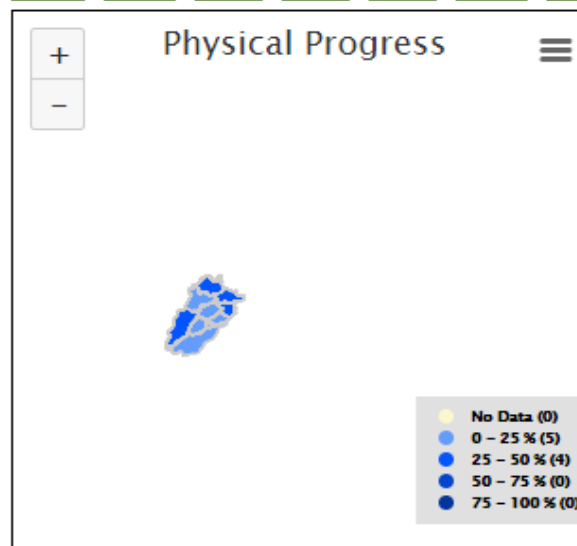
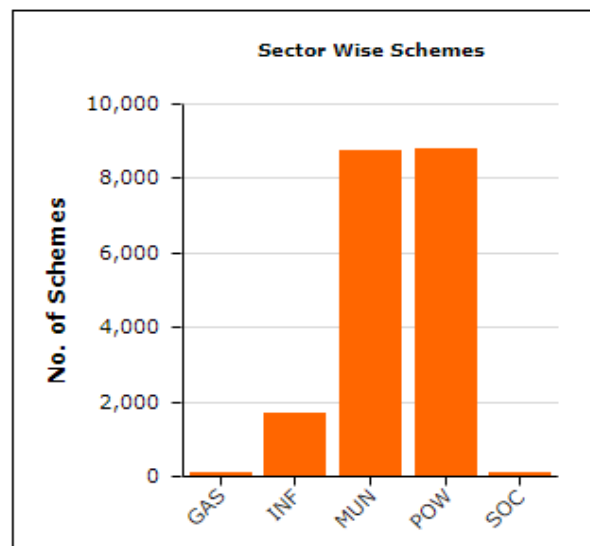
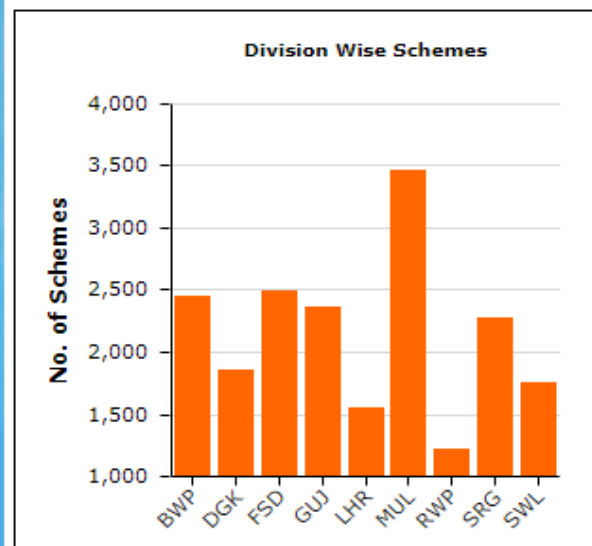
LHR

MUL

RWP

SWL

SRG



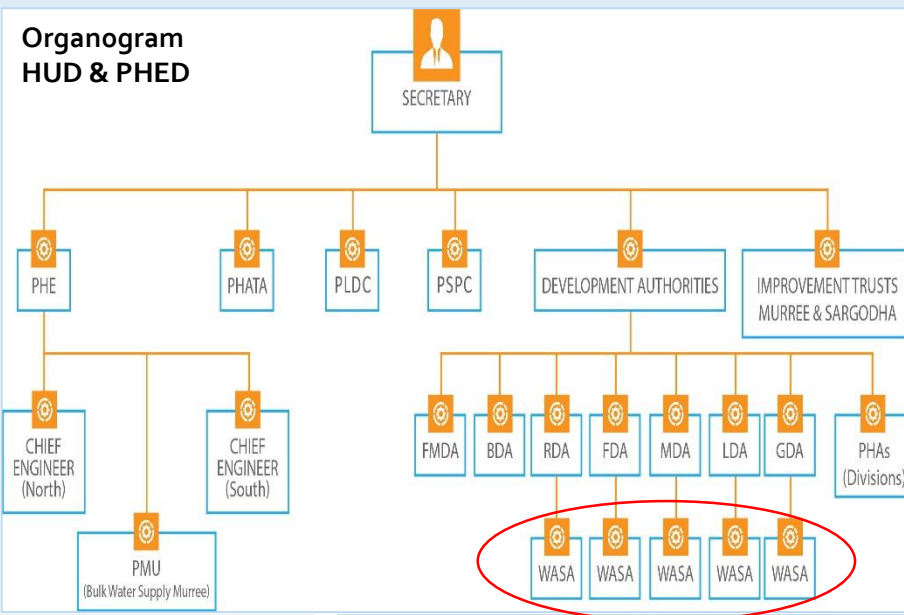
SUMMARY

Water and Sanitation Institutions in Punjab, Pakistan



The main actors in the sector are the **Local Government & Community Development Department (LG&CDD)** and the **Housing, Urban Development and Public Health Engineering Department (HUD&PHED)**.

The Government of Punjab has approved drinking water policy 2011, and a draft sanitation policy 2013 that is pending for approval with cabinet of Government of Punjab. Both policies provided the overarching vision and framework for Water, Sanitation and Hygiene (WASH) in the province.





In 5 big cities of Punjab, **Water And Sanitation Agencies (WASAs)** is responsible for planning, designing and construction of water supply, sewerage & drainage facilities for:

- ✓ Rehabilitation and augmentation of the existing system.
- ✓ Operation and maintenance of water supply, sewerage & drainage system.
- ✓ Billing and collection of all rates, fees and charges for the services provided to its consumer.
- ✓ Undertaking bulk production, filtration/treatment, transmission and retail distribution purifying of water.
- ✓ Collection, pumping, treatment & disposal of sewage & industrial waste.
- ✓ Short term and long term planning for tapping additional water sources & its implementation to meet water supply and sewerage demand projected.

Water and Sanitation Services in Punjab

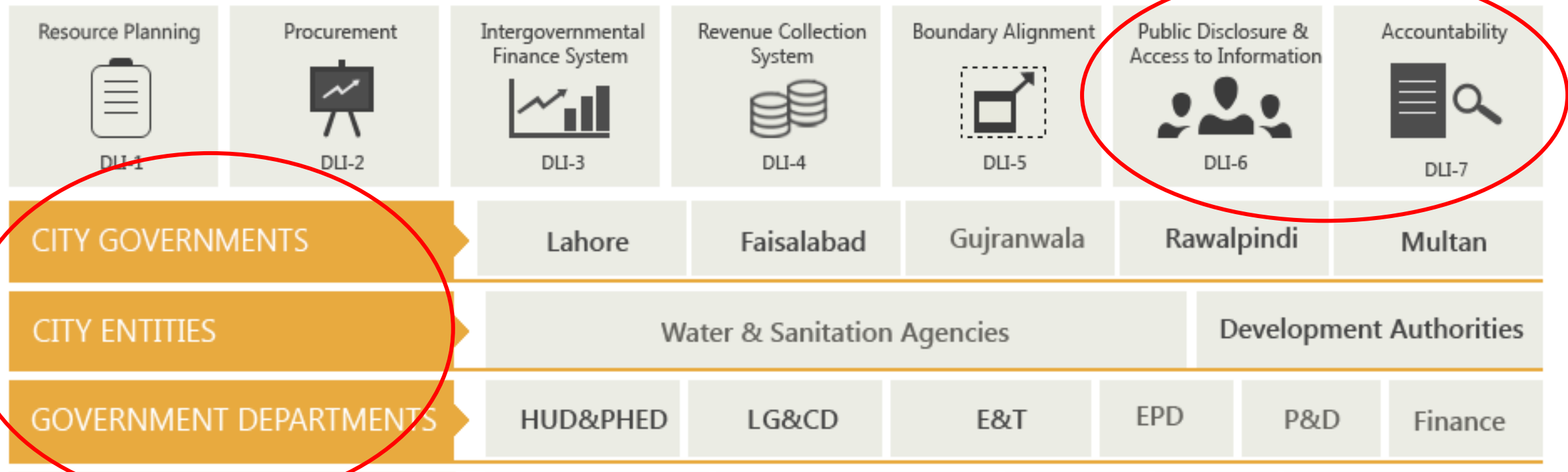
The government of Punjab developed a 10 years WASH Sector Development Plan for Water, Sanitation and Hygiene 2014-2024 that was formally launched in **February 2016**. This serves as the implementation framework for drinking water, sanitation and hygiene in the province with short, medium and long-term strategic actions.

Further, the capacity development for Pakistan Approach to Total Sanitation (PATs) is being institutionalized through Local Government Academy and formation of district WASH Coordination Committees.

			Goal		Pakistan Baseline	
6		Ensure availability and sustainable management of water and sanitation for all			35% doesn't have access to safe drinking water	52% doesn't has access to improved sanitation
11		Make cities and human settlements inclusive, safe, resilient and sustainable			47% Urban population lives in 9 cities only	5.0 Cities population growth rate

PROJECT: Punjab Cities Governance Improvement Project (PCGIP)

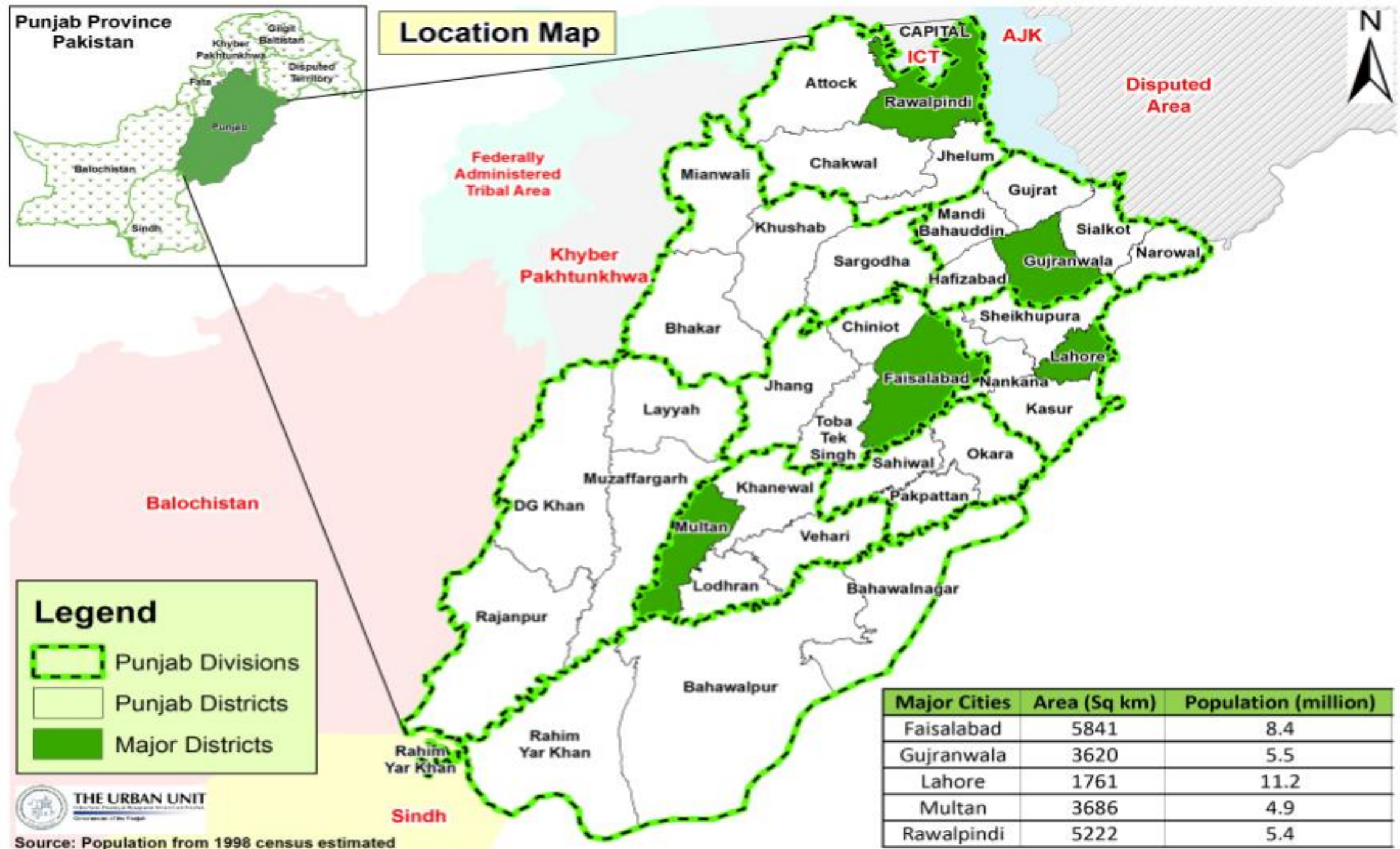
Government of the Punjab is implementing the 5-year PCGIP Project with financial assistance from the World Bank in five major Cities of Punjab in order to strengthen the governance system in MC and WASA for improved governance & WSS & Municipal service delivery.



Punjab Cities Governance Improvement Project



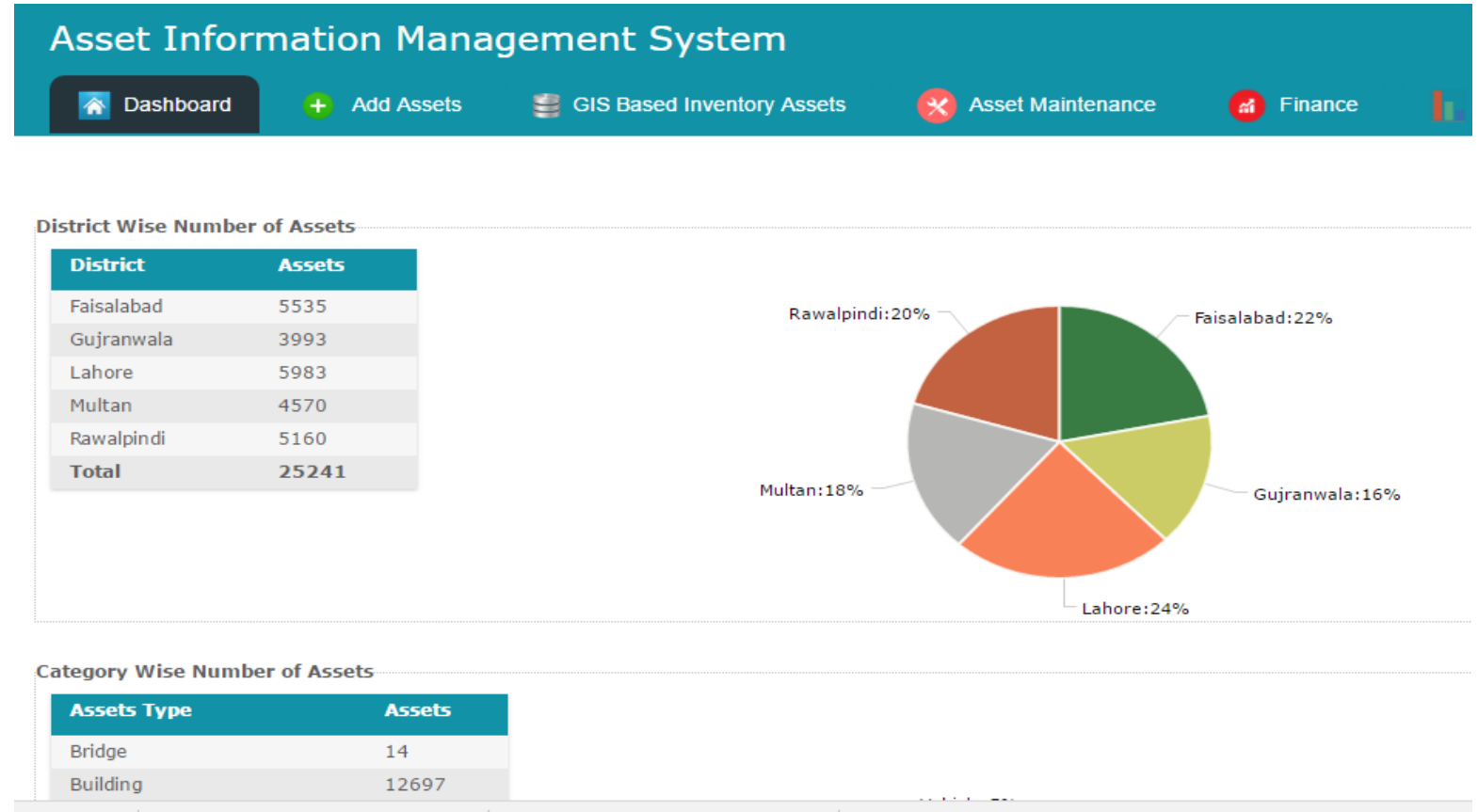
THE WORLD BANK
IBRD • IDA | WORLD BANK GROUP

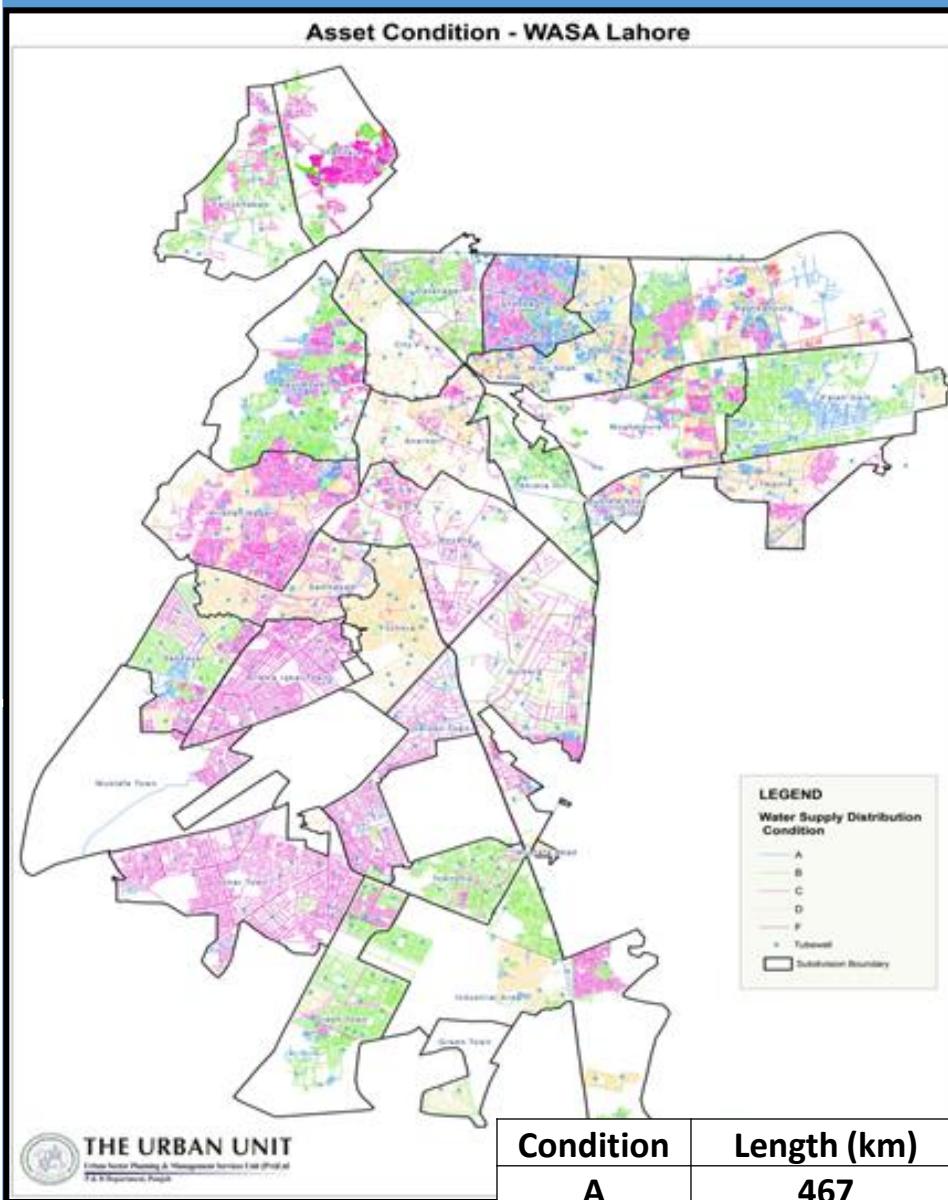


Asset Management Information System

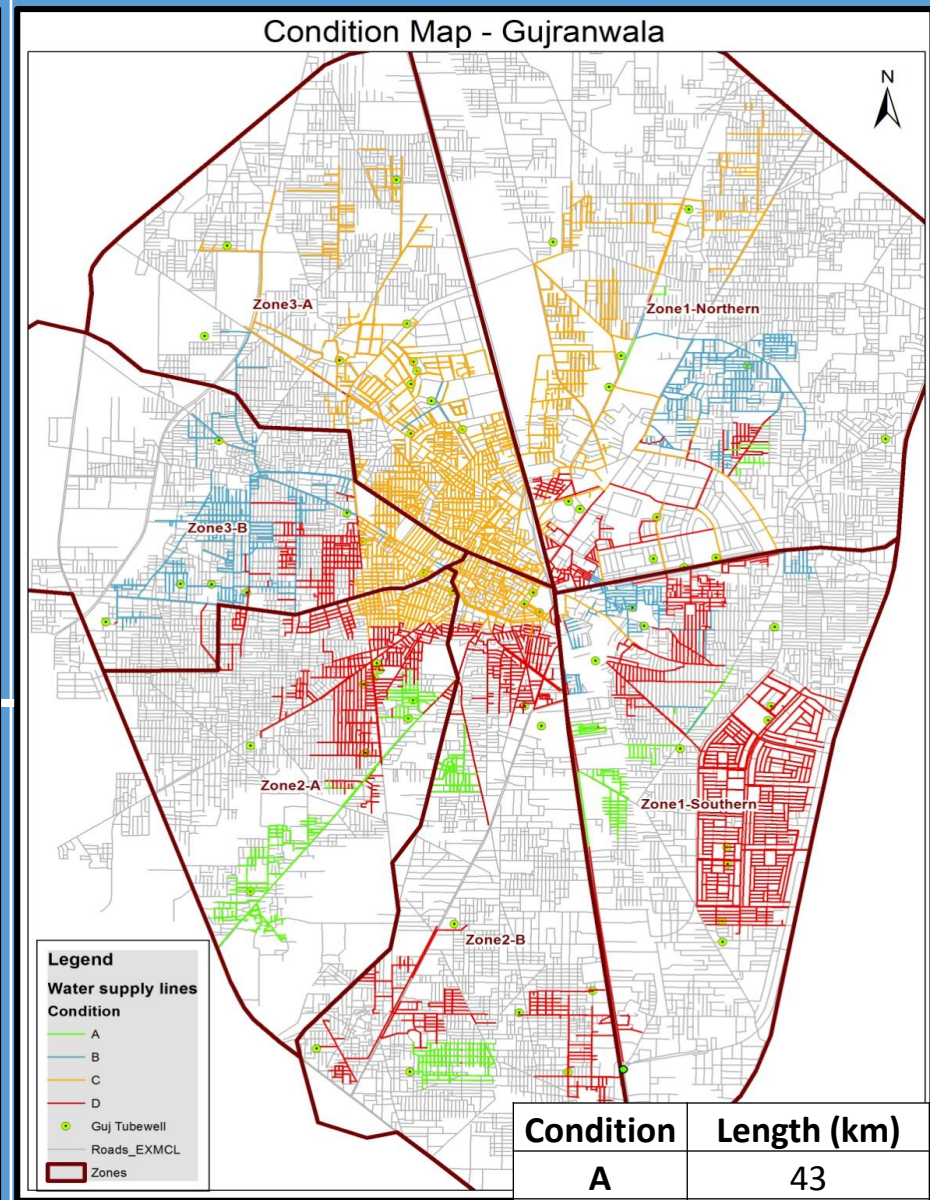
A base for Integrated Planning and centralized record of Assets

- Machinery
- Equipment
- Parking Stand
- Road
- Vehicle
- Land
- Disposal Station
- Tube well
- Building
- Bridge
- Overhead Water Tanks



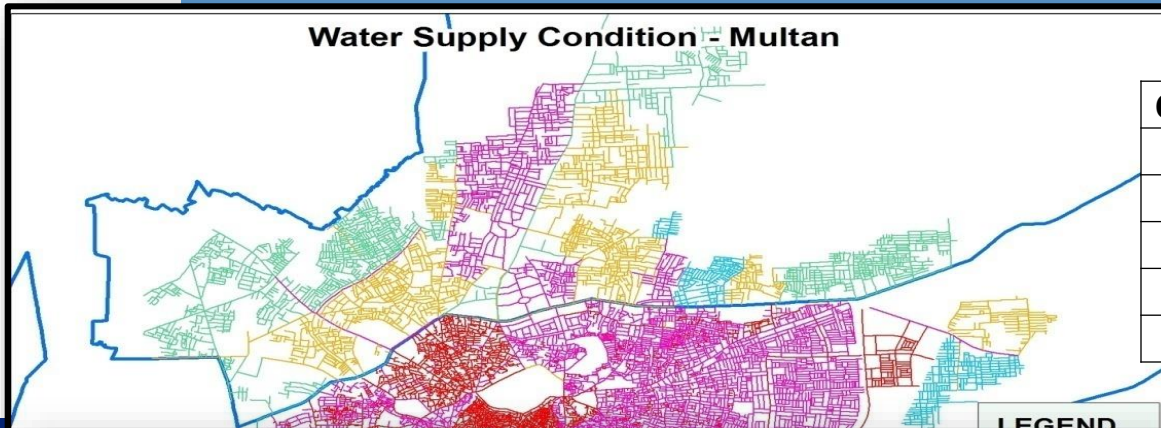


Condition	Length (km)
A	467
B	1276
C	1678
D	1025
F	26



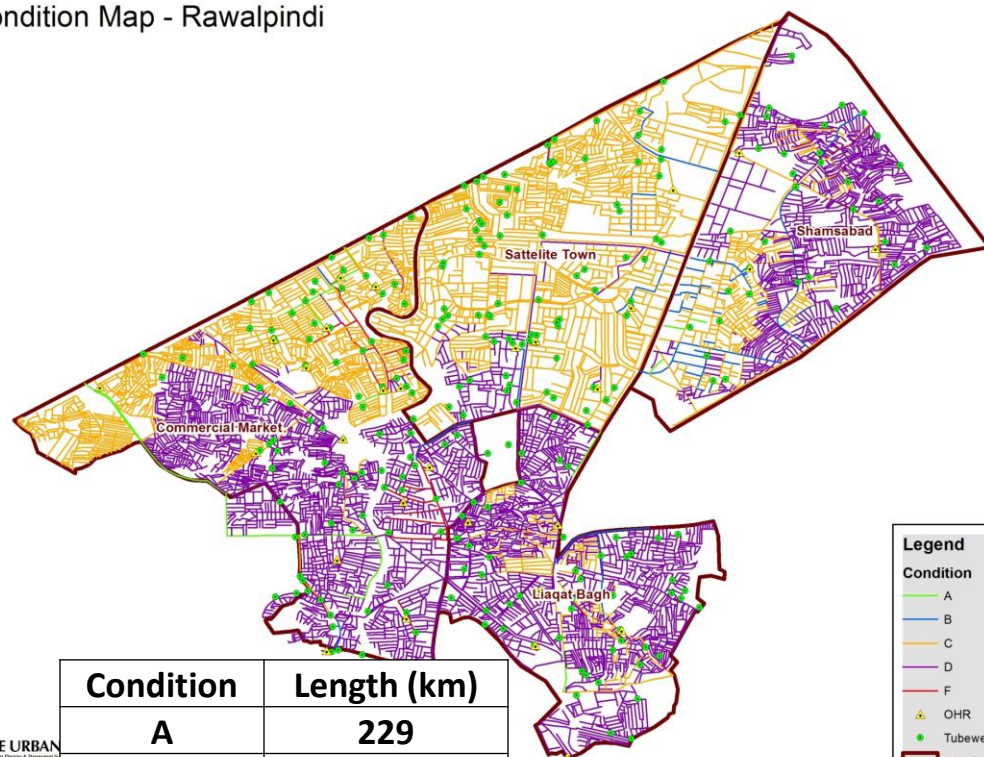
Condition	Length (km)
A	43
B	73
C	181
D	208
F	0

Water Supply Condition - Multan



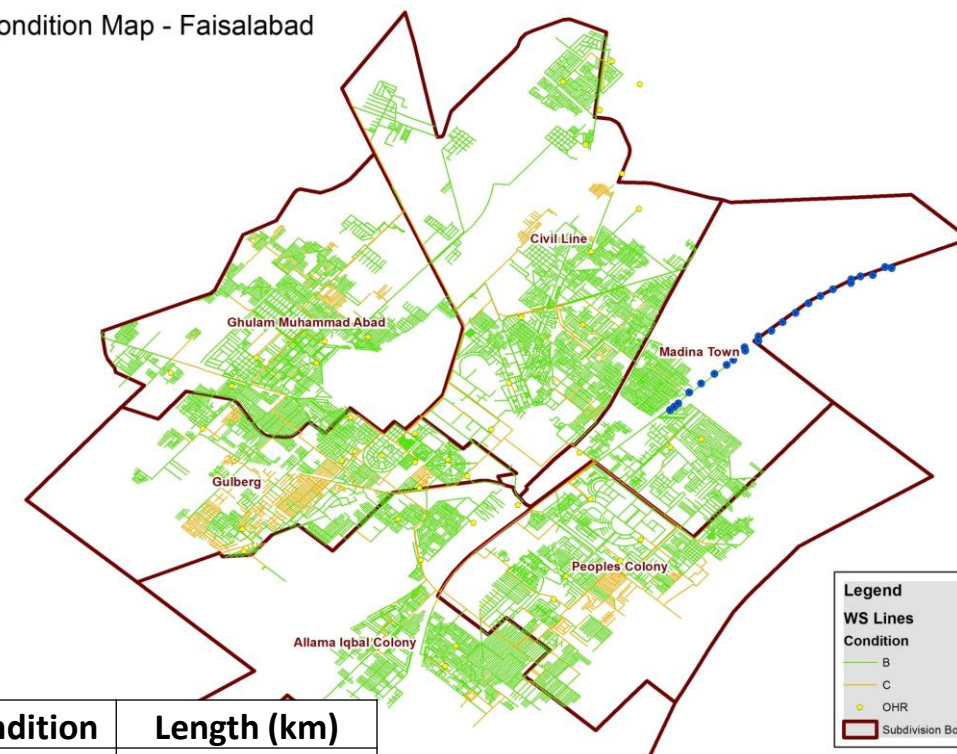
Condition	Length (km)
A	742
B	30
C	87
D	614
F	62

Condition Map - Rawalpindi



Condition	Length (km)
A	229
B	113
C	277
D	189
F	0

Condition Map - Faisalabad

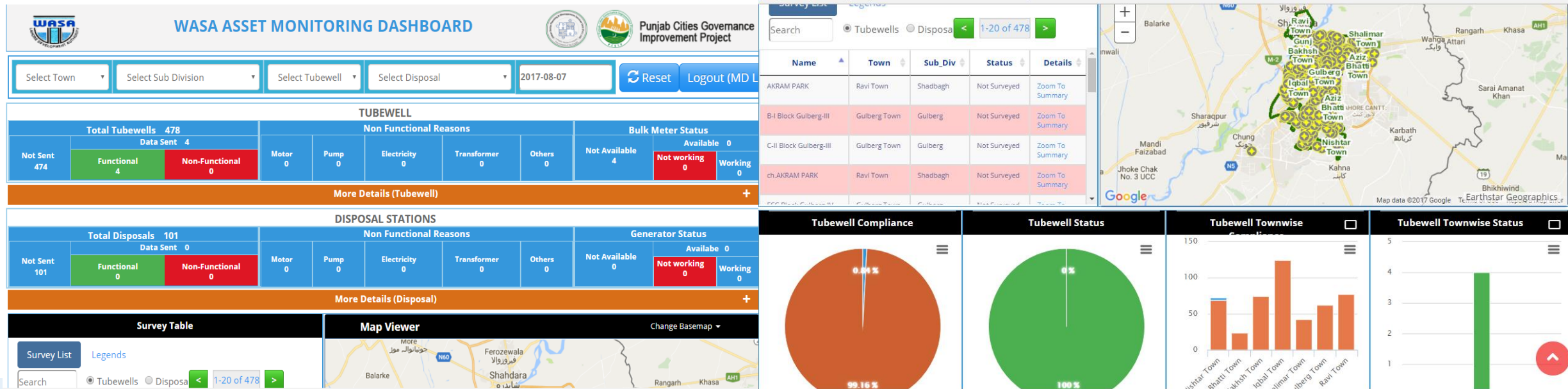


Condition	Length (km)
A	0
B	943
C	815
D	0
F	0

Asset Monitoring System

Online System for WASAs which is very useful in daily operations, reporting and quick decision making consisting of:

- Field Application for real time data gathering to be operated by a designated official (supervisor or checker or any other officer assigned) in each subdivision/zone.
- Web Based Dashboard for real time reporting and analysis- URL: 202.166.167.126/wasa_tubewells.



Integrated Development & Asset Management Plan (IDAMP)- Evidence Based WSS & City Planning

To support local government in achieving programs that promote sustainable quality of life to all citizens and as part of a broader and ongoing support framework for urban development and sustainable cities, an Integrated Development and Asset Management Plan (IDAMP) developed in consideration of the provisions of ISO-55000 and leading asset management practices in the world

- **Step 1:** Development of GIS based Assets Inventory
- **Step 2:** Notification of Level of Service (LOS)
- **Step 3:** Development of Project Proposal
- **Step 4:** Preparation of Operations and Maintenance (O&M) Costs
- **Step 5:** Compilation of Project Package
- **Step 6:** Financial Capacity Analysis
- **Step 7:** Projects Selection and Approval
- **Step 8:** Capital Investment Plan
- **Step 9:** Finalization of Integrated Development and Asset Management Plan

Android Based Consumer Survey

Step 2: Field Survey and Quality Assurance

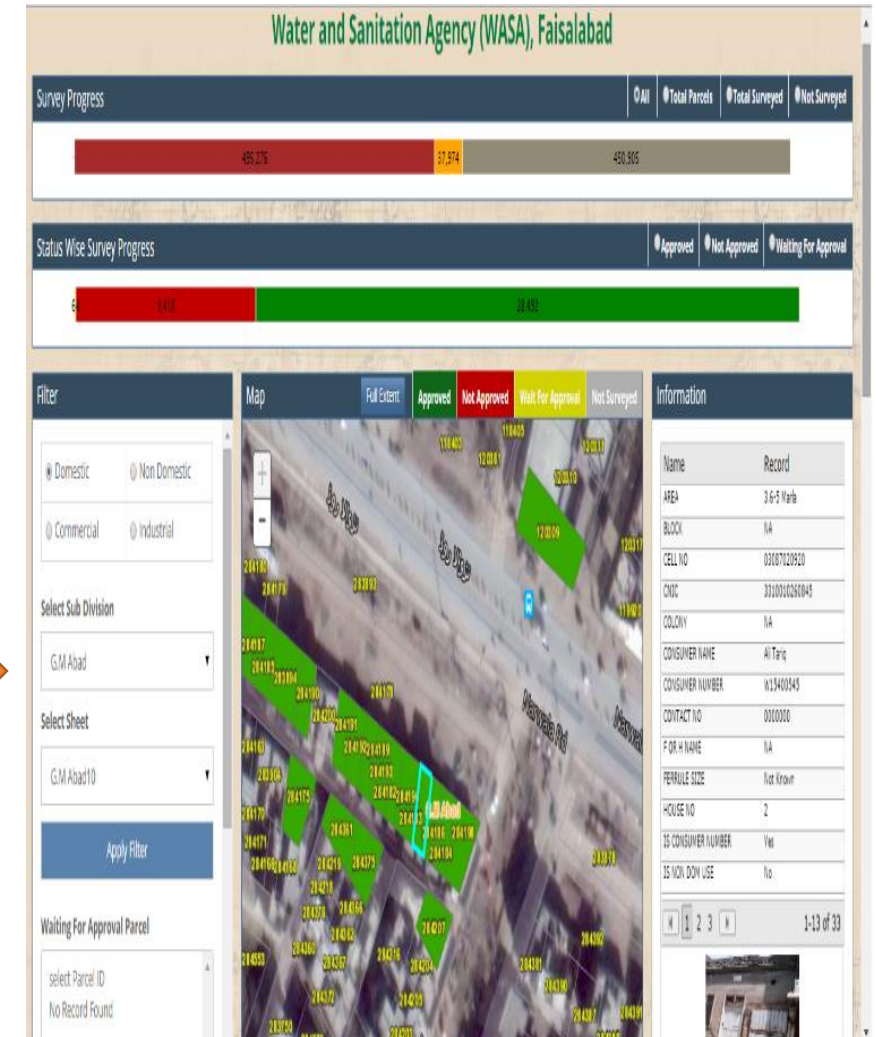
Training of Field Staff



Field Survey



Online Monitoring



http://202.166.167.115/wasa_internal/

Energy Conservation Initiative thru Energy Audit

Energy audit is i) inspection, survey & analysis of current energy needs and flow, ii) analysis of problems and iii) identification of effective possibilities of energy saving without reducing the output. Energy audit helps to reduce energy consumption and carbon footprint, improve energy efficiency, service delivery, safety for the staff and asset life.

Phase -1

- ✓ Training
- ✓ Condition Survey of Assets - Part 1
- ✓ Electric Bills Analysis – Part 2
- ✓ Energy Management Opportunities

Phase- 2

- ✓ Efficiency Improvement through detailed Energy Audit
- ✓ Energy Management Opportunities
- ✓ Investment Plan

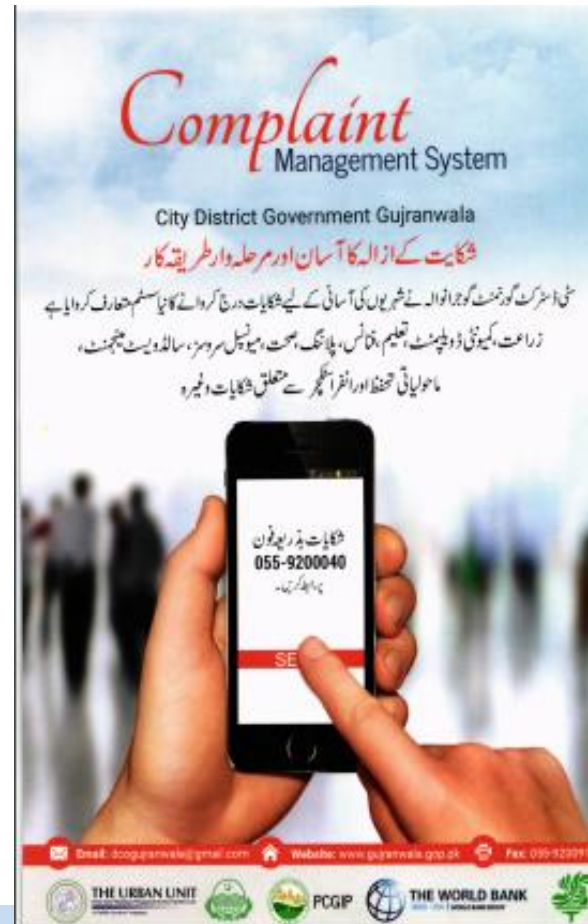


Complaint Management System

Help lines and Dashboards developed and implemented at cities

http://202.166.168.182:8950/DashBoard/Home_Dashboard.aspx

Trainings on CMS



Environment and Social Safeguards and Community Involvement



WASA Health and Safety Policy

Wasa Lahore is committed for ensuring that the health and safety of our people, contractors or anyone who enters our work areas is not compromised by our activities. We will continue to work zero injuries.

To do this WASA Lahore will:

- Always give health and safety first priority.
- Make sure people have, understood and are held to, health and safety accountabilities.
- Consult with people about health and safety issues.
- Provide appropriate information, education and training in health and safety.
- Proactively manage health and safety risks by identifying, accessing controlling and hazards.
- Ensure we have effective health and safety management system.
- Measure health and safety performance, and acting to continually improve our performance.
- Comply, as a minimum with all health and safety legislative requirement.

The responsibility of everyone in WASA Lahore is to:

- Take care relating to the health and safety of self and those around.
- Adhere to be agreed health and safety procedures both at home and work, and encourage others to do so.
- Be actively involved in identifying and implement initiatives that improve health and safety.
- Immediately report, and if appropriate, rectify hazardous condition observed.
- Life insurance policy of WASA Staff/Employees be ensured.

This HSE policy is already approved under DLI-5 of PCGIP. There is need for its effective implementation in true letter and spirit. It is therefore requested to allow this policy to be notified please.

WASA
Water and Sanitation Agency



THANKYOU

