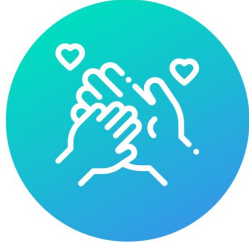




PUBLIC TOILET FINDER

Major Challenges in Pakistan



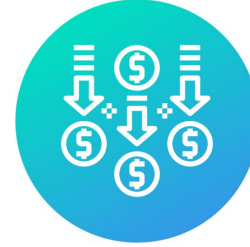
53,000

Children die
each year



22 million

People relieve
themselves in the open



\$2.5 billion

Loss per year



Background



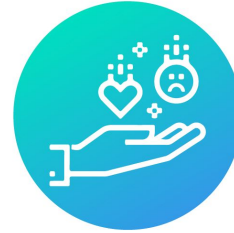
Limited Data for
Sanitation Planning



Limited Awareness
& Usage



Limited
Affordability




Poor Level of
Service



Difficult Logistics &
Costly Transport





79+
million

**Pakistanis still lack access
to a decent toilet**

Importance

SDG



17 Goals to Transform
Our World

SDG 6



Clean Water &
Sanitation

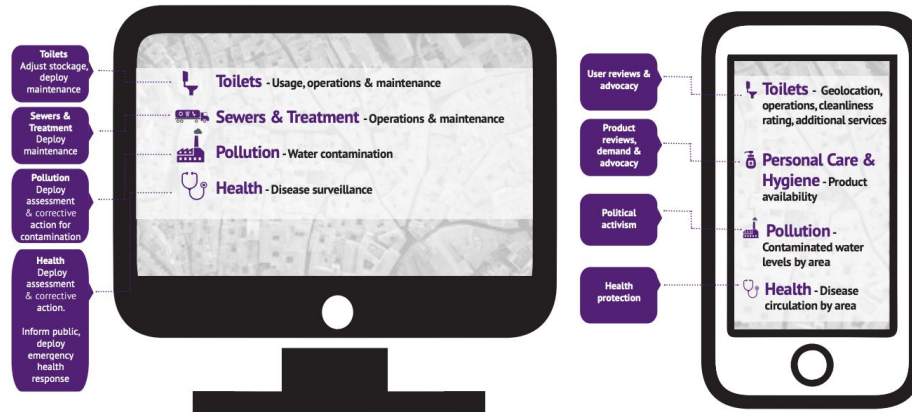
SDG 6.2



End open defecation &
provide access to sanitation
and hygiene



Digitization of Sanitation | Global Perspective



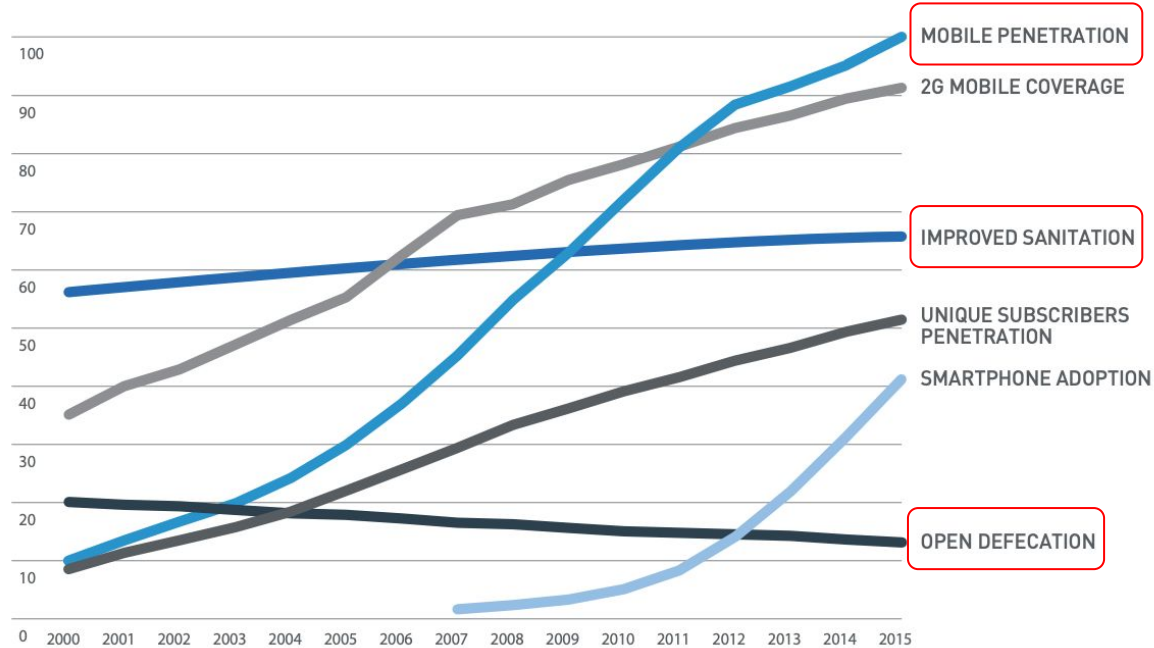
Smart Sanitation Dashboards For Decision Makers



Design Thinking & Brainstorming



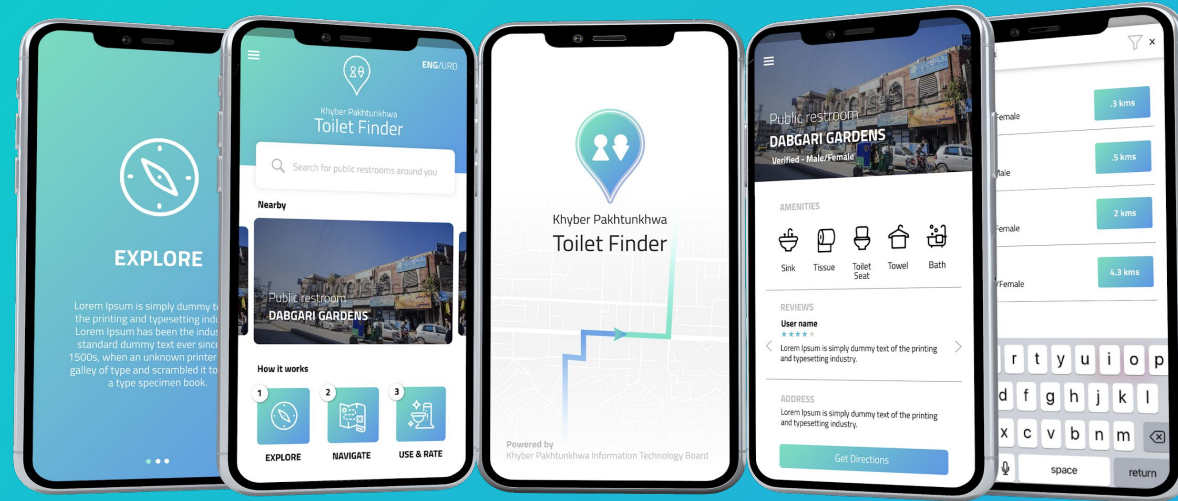
Smart Sanitation



The Role of Mobile in Improved Sanitation Access



PUBLIC TOILET FINDER



KHYBER PAKHTUNKHWA
**INFORMATION
TECHNOLOGY BOARD**
Government of Khyber Pakhtunkhwa



CODE FOR
PAKISTAN



THE WORLD BANK
IBRD • IDA | WORLD BANK GROUP

durshal
A Project of KPITB

Community
Innovation Lab
Government of
Khyber Pakhtunkhwa

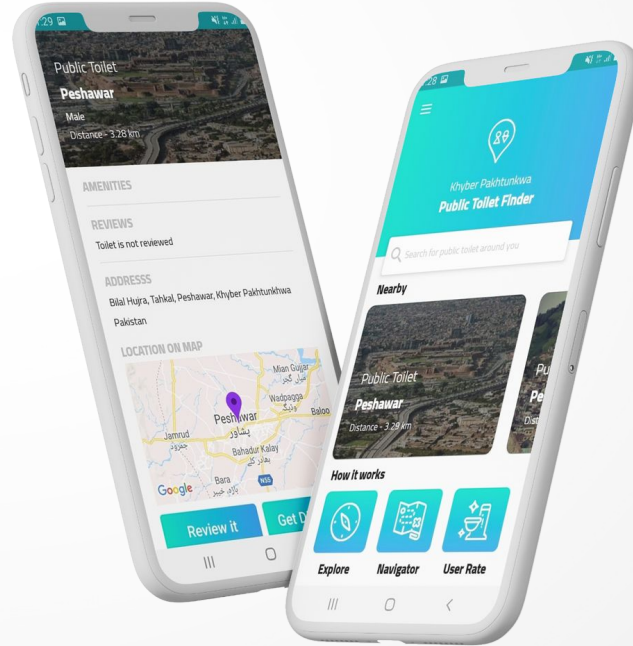
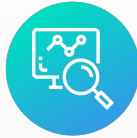
Find Toilets



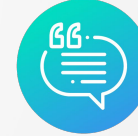
Add Toilets



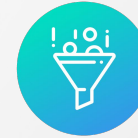
Search for a Toilet



Explore Available Amenities



Public Feedback



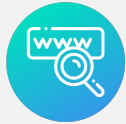
**Filter Toilets
(Gender, Distance)**



Web Application



Admin Dashboard



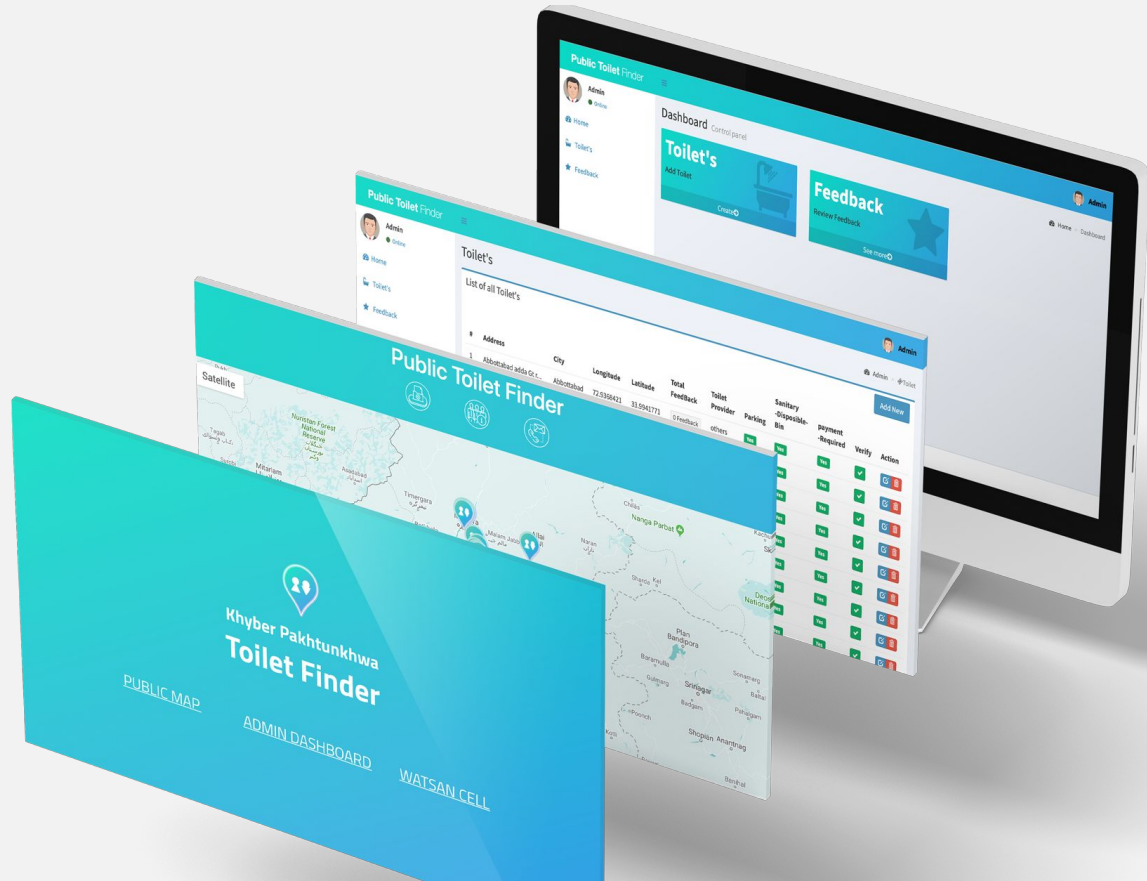
Public Website



Detailed Analytics



Live Navigation



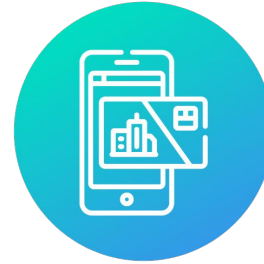
Expected Impact



Cleanliness



Awareness



Accessibility



Action on Review



THE WORLD BANK
IBRD • IDA



Scalability



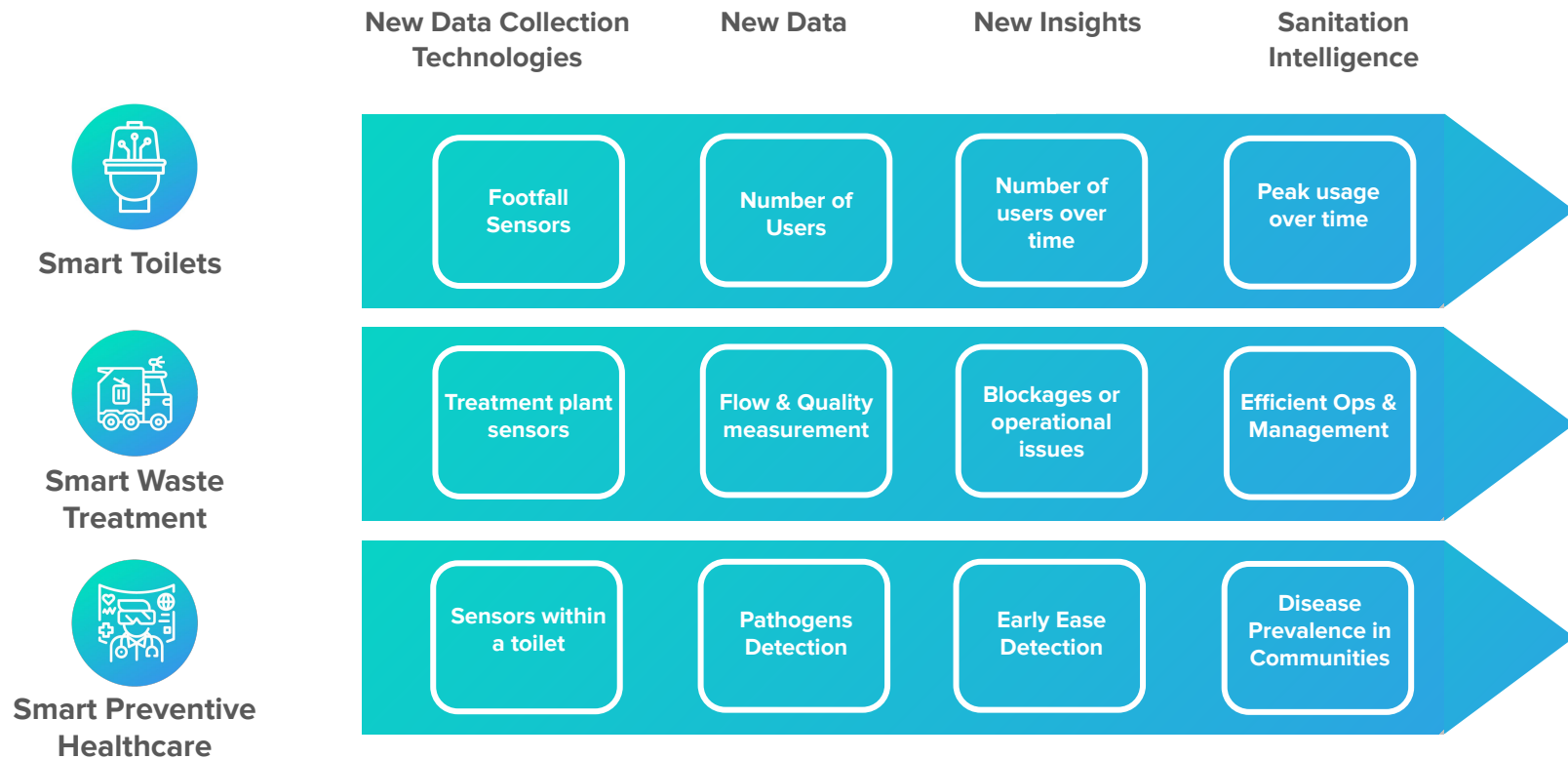
Scale to other
provinces



Map other
facilities



Way Forward: Smart Sanitation



Questions & Feedback



**SCAN TO DOWNLOAD
PUBLIC TOILET FINDER APP**



**SCAN TO BROWSE THE TOILET
FINDER DASHBOARD**

