



ITU Workshop on "Telecommunication Service Quality"

Amman, Jordan, 17 October 2022

Agenda

01 Connectivity & QoS in Bahrain

02 Concerns/Challenges

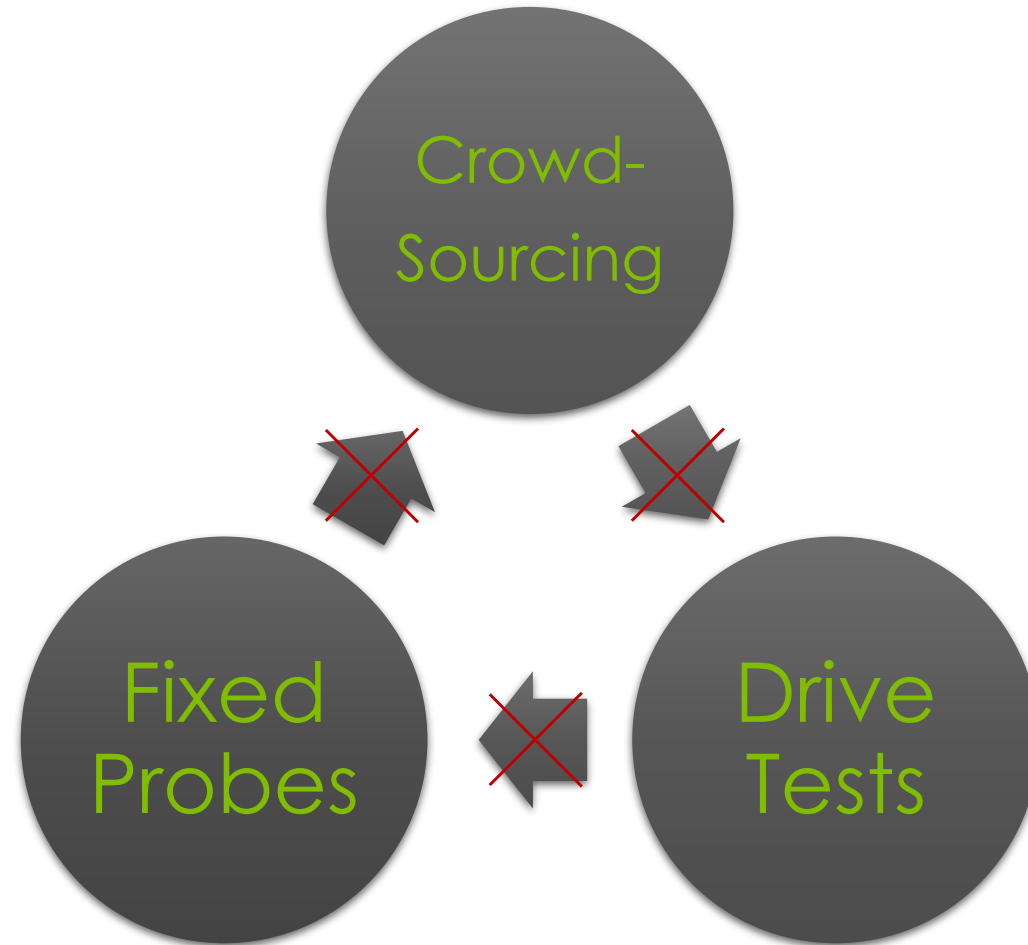
03 Possible Solutions

Connectivity in Bahrain

- Mobile Penetration 130%
- Broadband Penetration 144%
- 5G Coverage 100%
- Fiber Optics Rollout
 - 100% Commercial
 - 85% Residential



QoS in Bahrain



Concerns/Challenges

- Multiple Data Sources → Different Insights of the services provided
- Indoor Coverage (*high rise buildings & newly developed areas*)
- Understanding the perceived QoE by end users
- 5G devices uptake??



Possible Solutions

- Standardized Correlation Method
- Big Data → ML/AI
- Simple Info → Easy Decision → Foster Competition
- Commercialized/Regulated boosters* + IBS legislations
- Outsourcing the Solutions !! → Innovation Sandbox**



*<https://www.fcc.gov/wireless/bureau-divisions/mobility-division/signal-boosters/consumer-signal-boosters>

Thank You

Questions?