



ENSURING SAFE WATER AND SANITATION FOR ALL



A Solution through
Science, Technology and Innovation

Mr. Angel Gonzalez Sanz,
Head, Technology, Innovation and Knowledge Development
Branch, Division on Technology and Logistics, UNCTAD



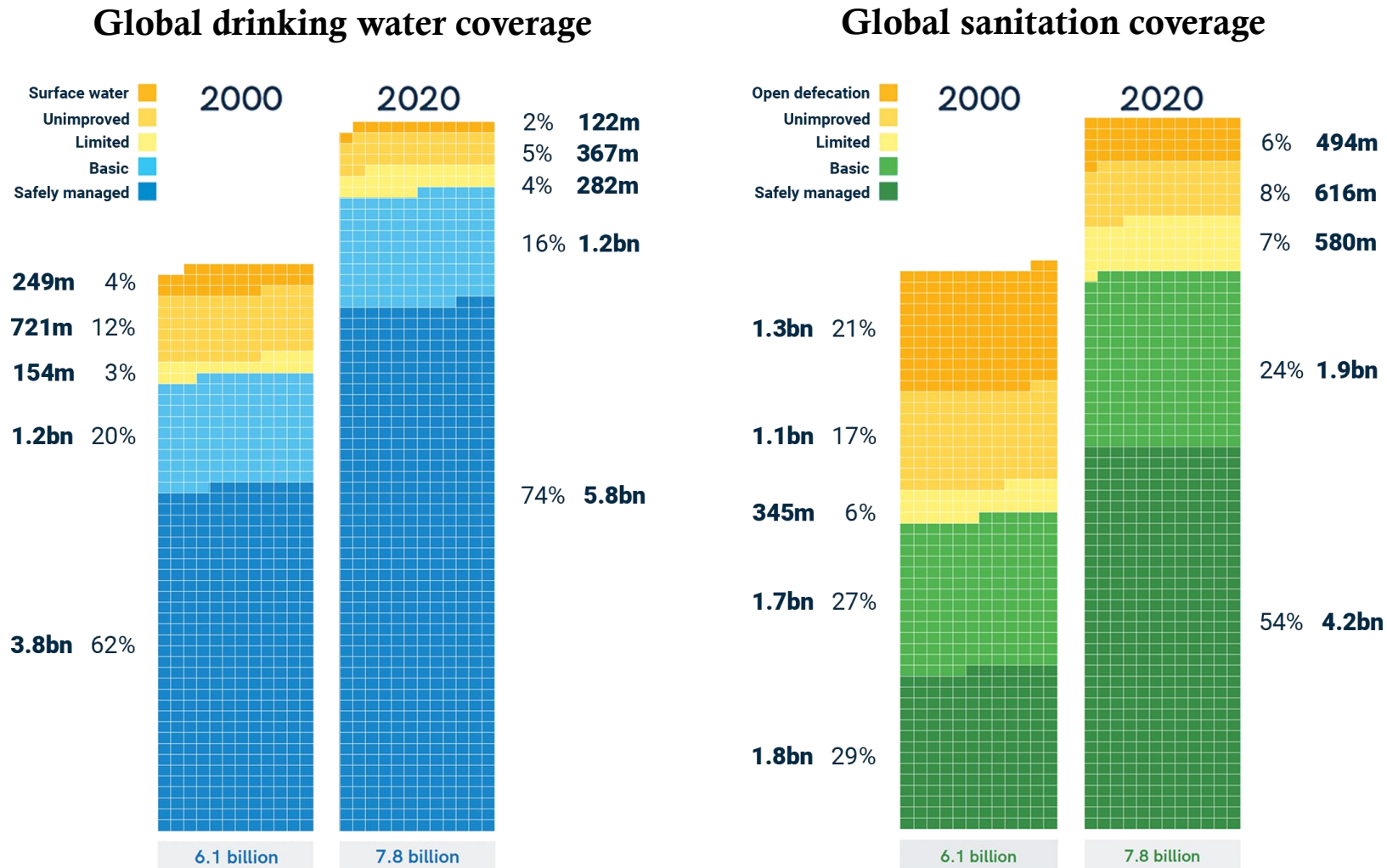
KEY ASPECTS FROM THE SECRETARY GENERAL'S REPORT

- I. **Enhancing access to safe water and sanitation.**
 - II. **Contributing to integrated water resource management.**
 - III. **Translating STI into on-the-ground impact.**
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ENHANCING ACCESS TO SAFE WATER AND SANITATION

- 2 billion people still lack access to safe drinking water
- 3.5 billion people lack access to safe sanitation services
- Climate change impacts and puts pressure on the water-food-energy nexus

Trends in access to water and sanitation services:
(Number of people and percentage)



ENHANCING ACCESS TO SAFE WATER AND SANITATION

- Prioritize the provision of safe water and sanitation to marginalized groups
- Implement technological and innovative solutions that are accessible, adaptable, inexpensive, and build upon existing technologies.



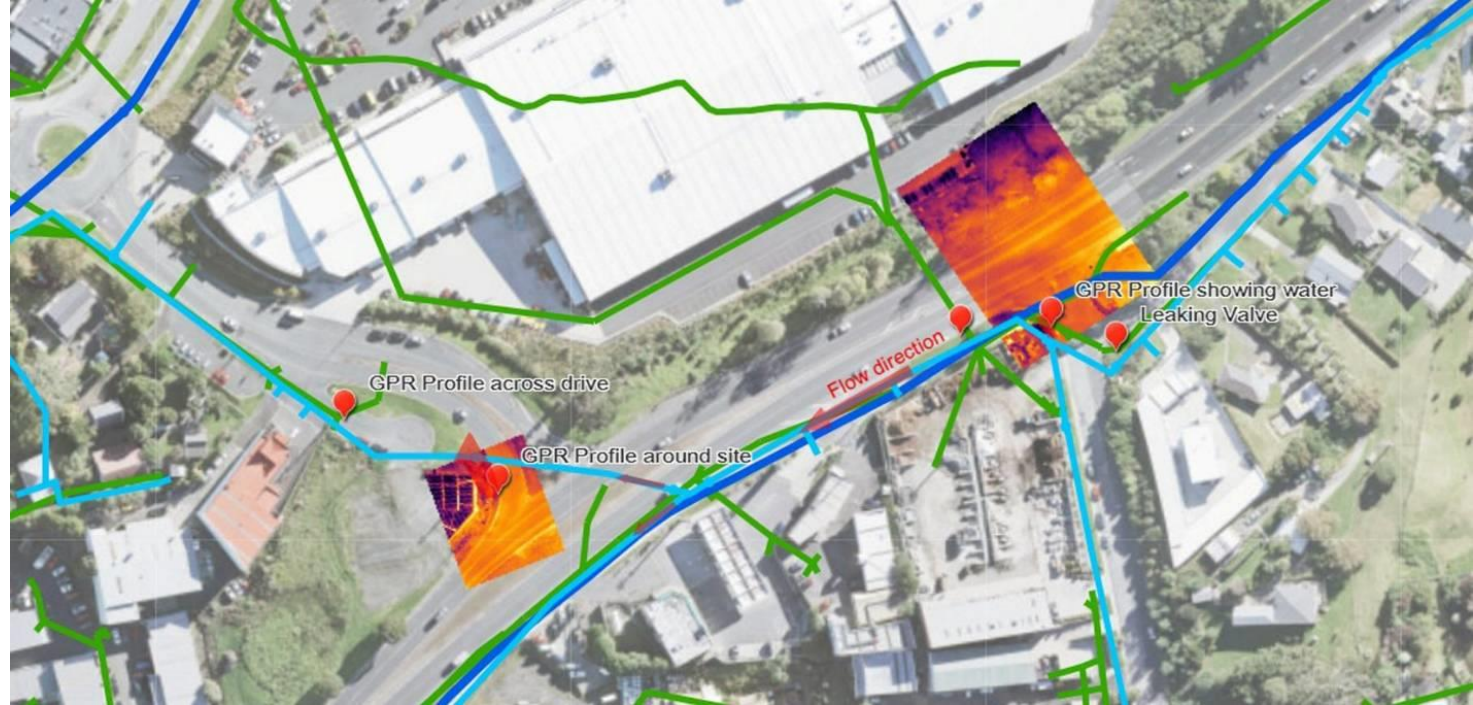
INTEGRATED WATER RESOURCE MANAGEMENT (IWRM)

- Demand for freshwater is estimated to exceed supply by 40% by 2030
- IWRM is critical to addressing increasing water scarcity



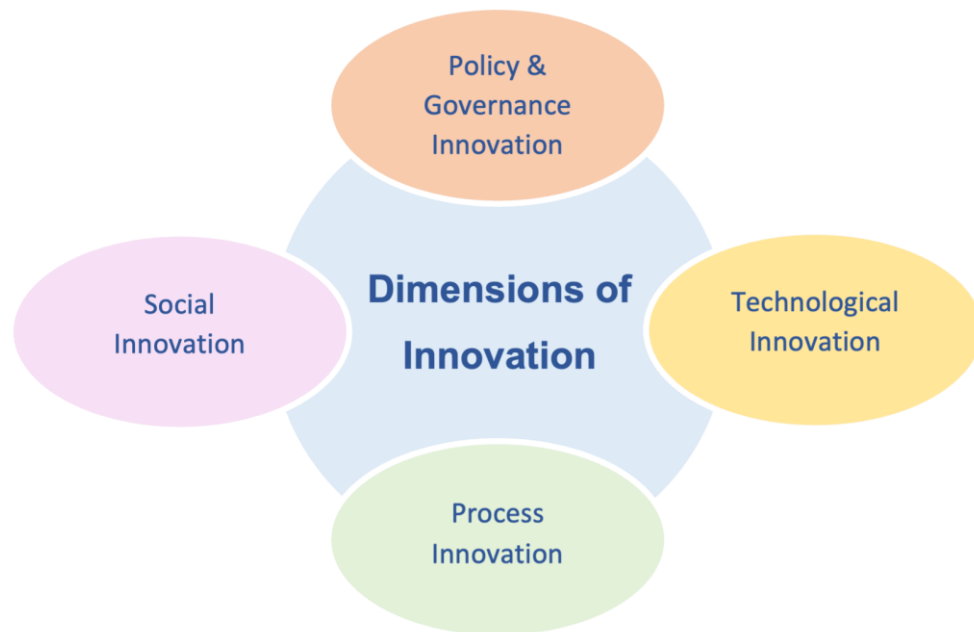
INTEGRATED WATER RESOURCE MANAGEMENT (IWRM)

- Frontier technologies improve the effectiveness of integrated water resource management
- Implementing technology-based early warning systems and predictive models for IWRM

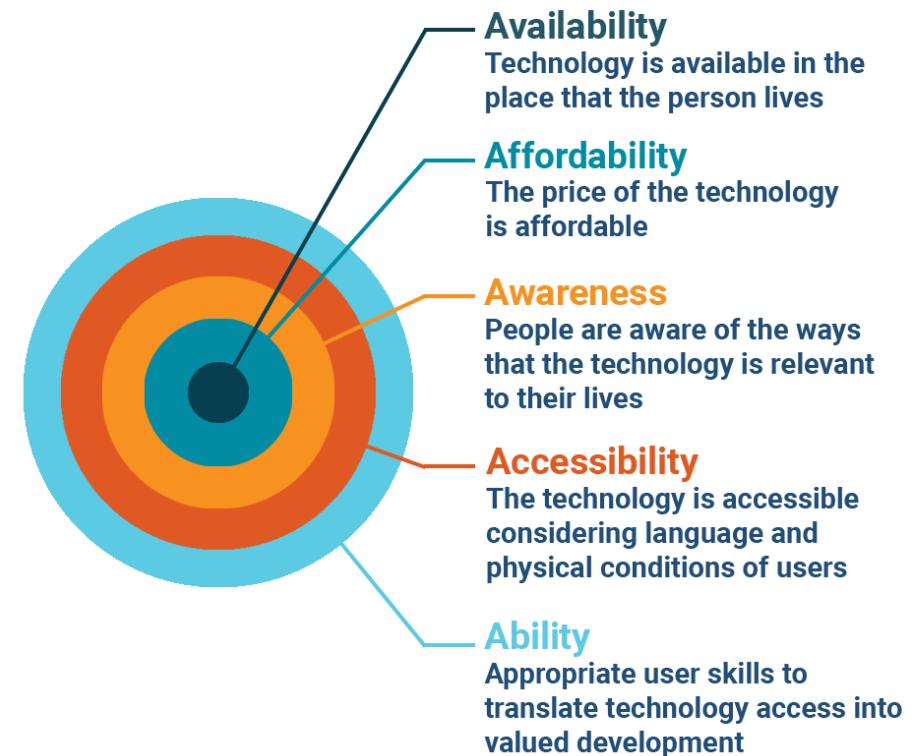


TRANSLATING STI INTO ON-THE-GROUND IMPACT

Innovation is more than just technological



STI solutions must be responsive to people's genuine needs



KEY ACTIONS AND RECOMMENDATIONS

- The implementation of technology and innovative solutions need to foster local partnership
- Focus on serving marginalized groups
- Do not overlook low-tech solutions



2023: A KEY YEAR FOR SDG 6



COHERENCE IN THE WATER DISCUSSION

THANK YOU

