



INTER-AMERICAN DEVELOPMENT BANK

Water and Sanitation Division

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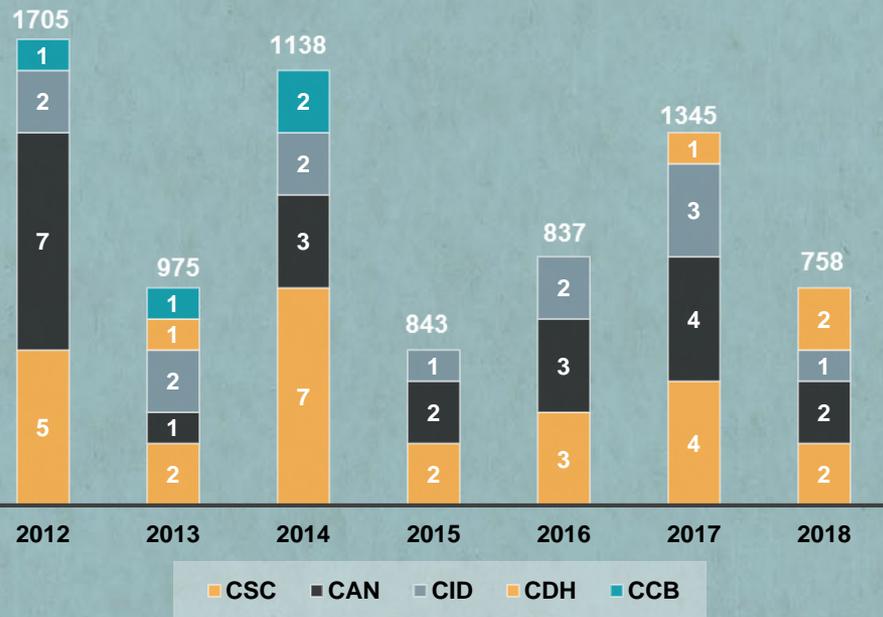




PORTFOLIO

LOAN APPROVALS

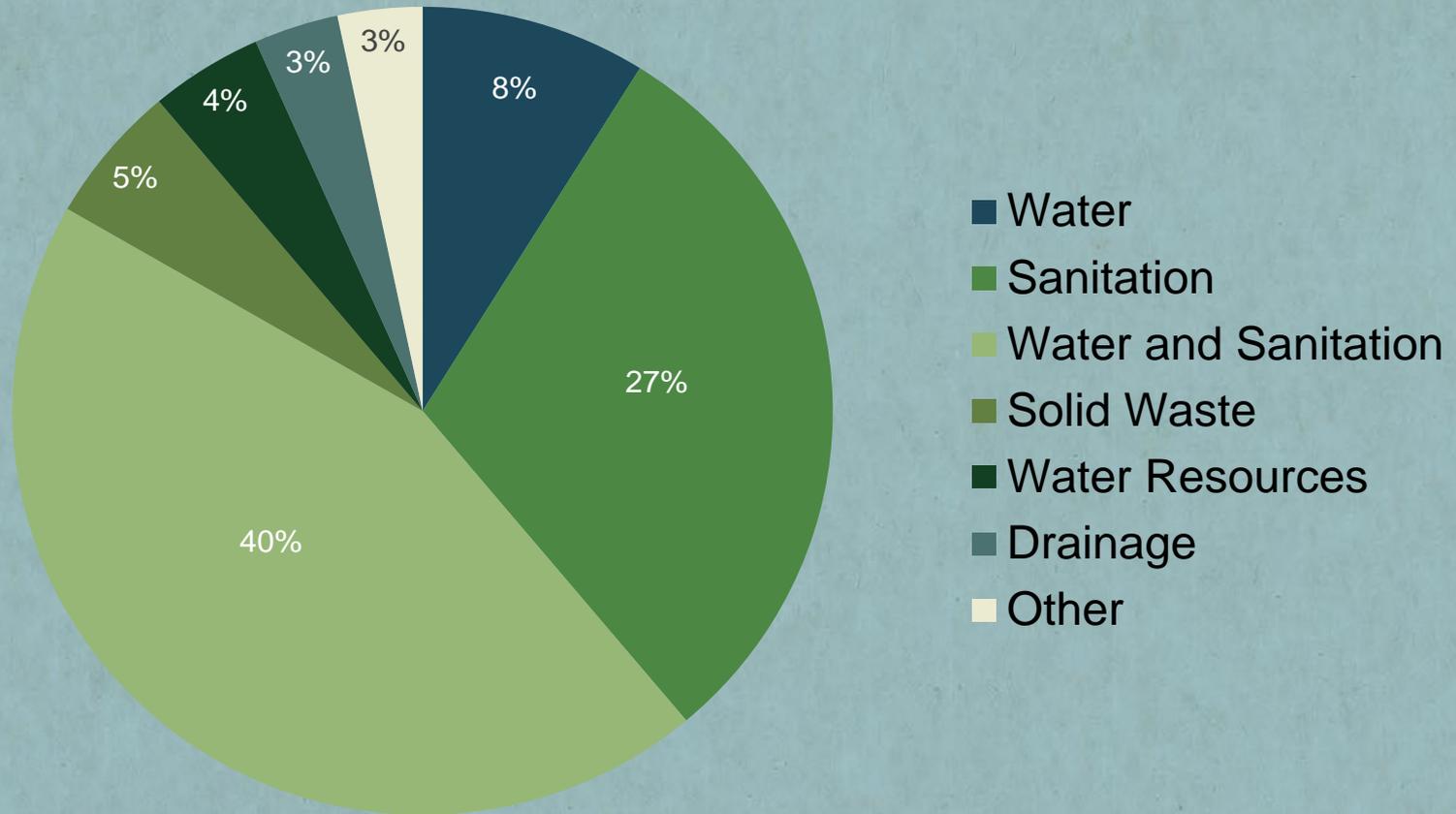
Loan approvals (US\$ millions)



Disbursements (US\$ millions)



LOAN PORTFOLIO



AquaFund Portfolio

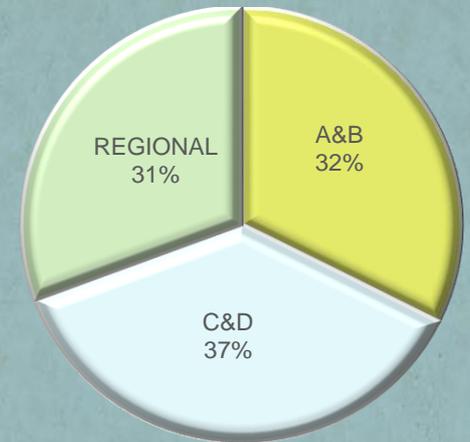
Since 2008: 182 operations, \$94 million

Active portfolio: 68 operations, \$37.75 million

Supported a US\$5.8 billion loan portfolio ($\approx 50\%$ of IDB's portfolio in WSA)

Average Annual Approvals: \$10.92 million

Average Annual Disbursements: \$10.12 million

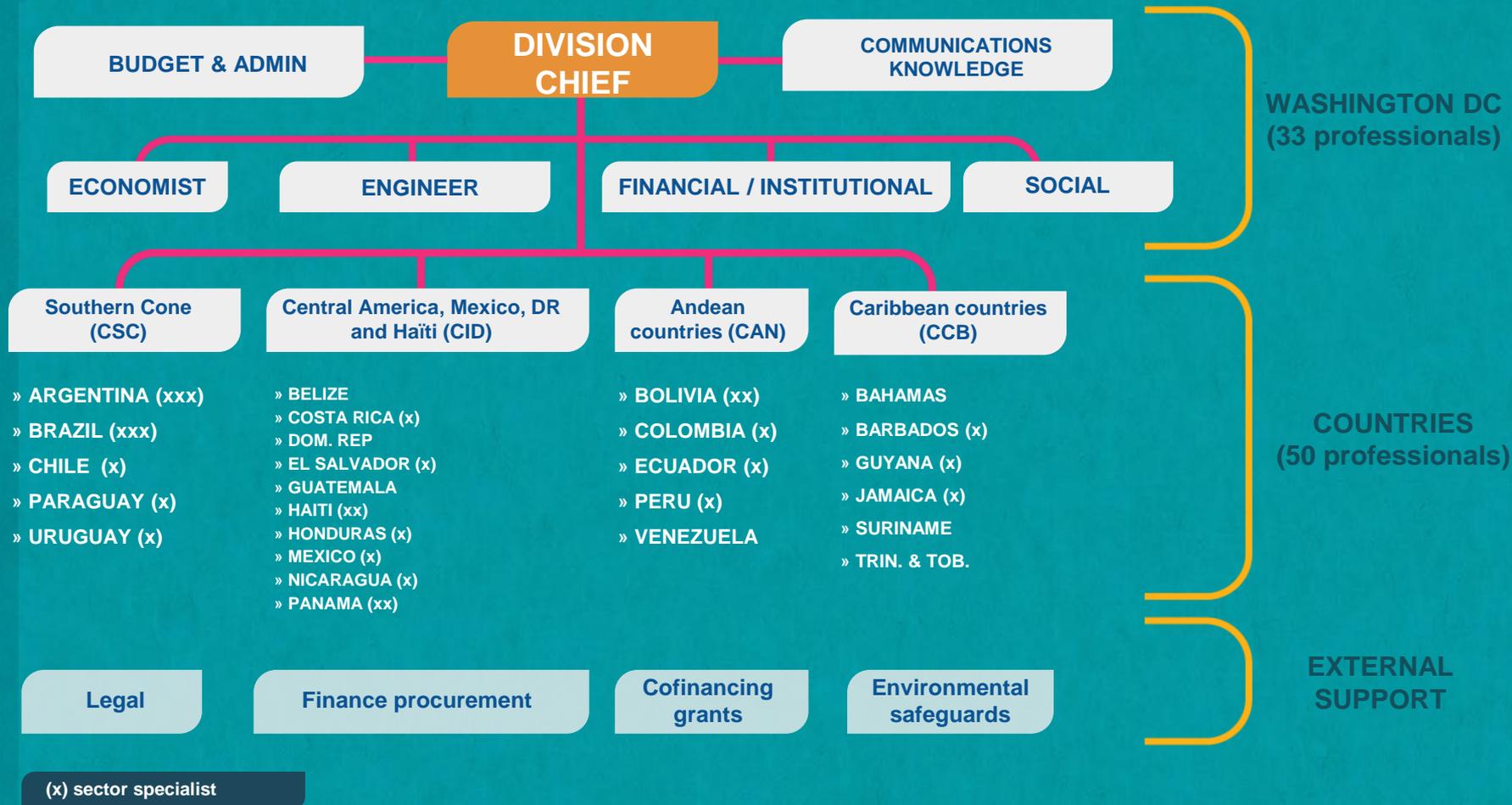


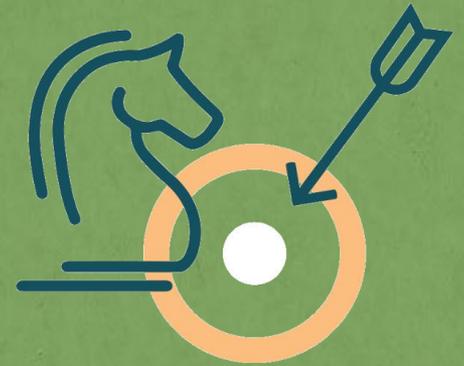


ORGANIZATIONAL STRUCTURE

ORGANIZATIONAL STRUCTURE

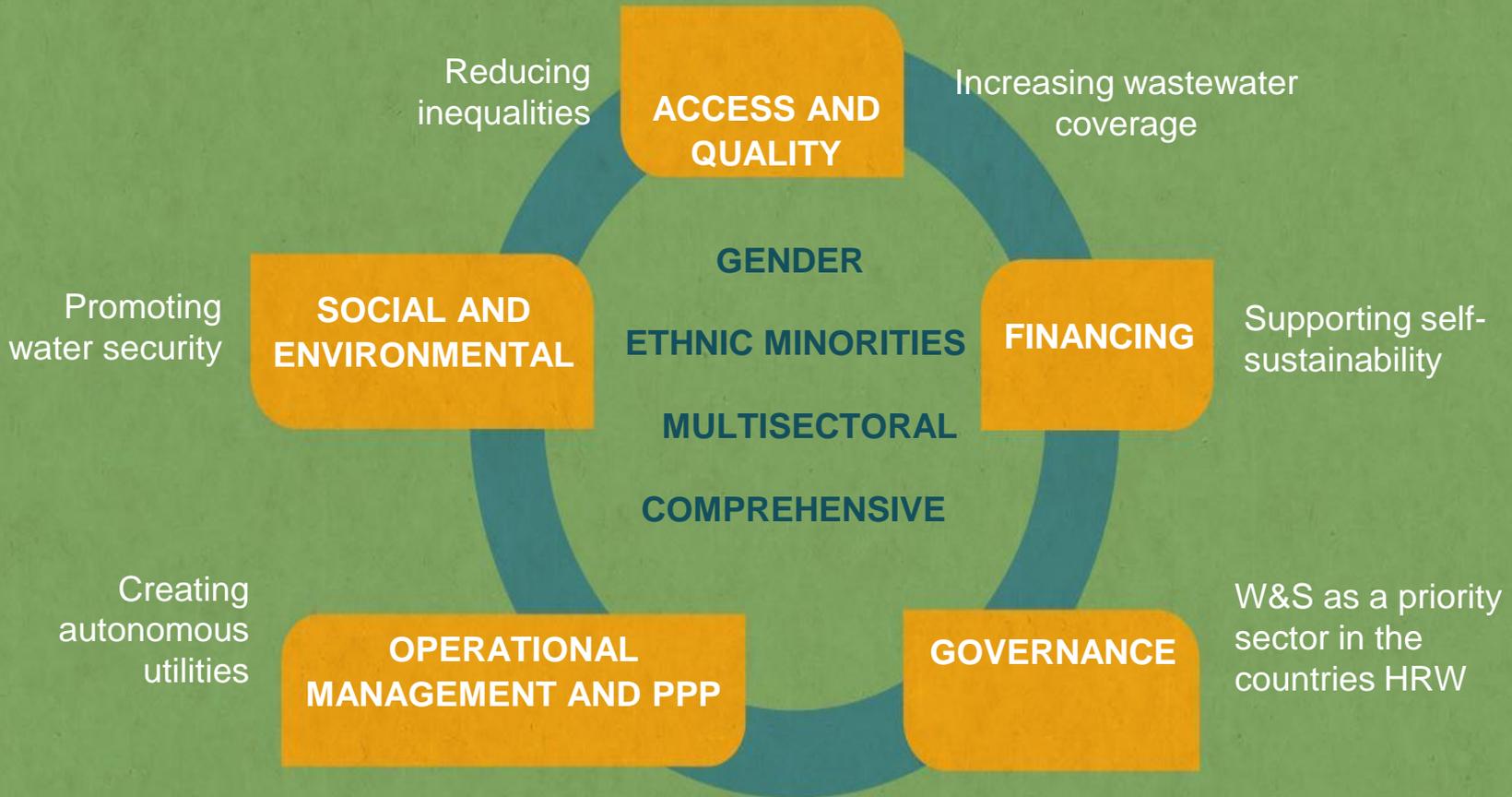
INE/WSA





VISION AND STRATEGY

SECTOR FRAMEWORK



Strengthen our work

- ▶ **Service coverage:** sanitation and waste water treatment
- ▶ **Operation and maintenance:** efficiency plans
- ▶ **Financial sustainability:** tariffs and subsidies
- ▶ **Sector reform**
- ▶ **IDB as the sector leader** – Cofinancing
- ▶ **Knowledge agenda** – Dissemination
- ▶ **Private sector participation** – PPPs
- ▶ **Innovation**

Expand our scope of work

- ▶ Nexus
- ▶ Green infrastructure
- ▶ Circular economy
- ▶ Drainage
- ▶ Solid waste

Strengthen transversal areas

- ▶ Gender
- ▶ Regional planning
- ▶ Climate change adaptation
- ▶ Integral approach
- ▶ Innovation

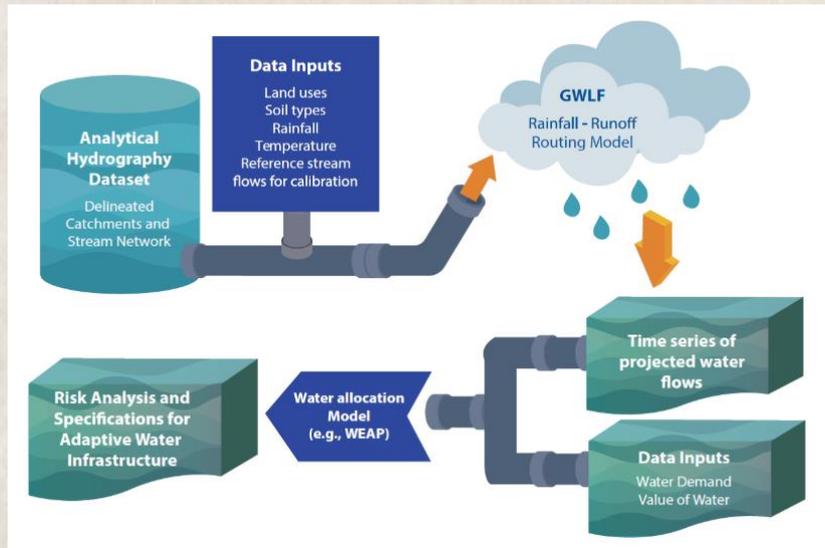


INITIATIVES

INITIATIVES



Hydro-BID is a simulation tool created by the Inter-American Development Bank (IDB) to support the management and planning of water resources in the Latin America and the Caribbean region.



An integrated and quantitative system to simulate hydrology and water resources management in the LAC region, under scenarios of change (e.g. climate, land use, population) which allows to evaluate the quantity and quality of water, infrastructure needs, and the design of strategies and adaptive projects in response to these changes.





LATIN AMERICAN
WATER FUNDS
PARTNERSHIP

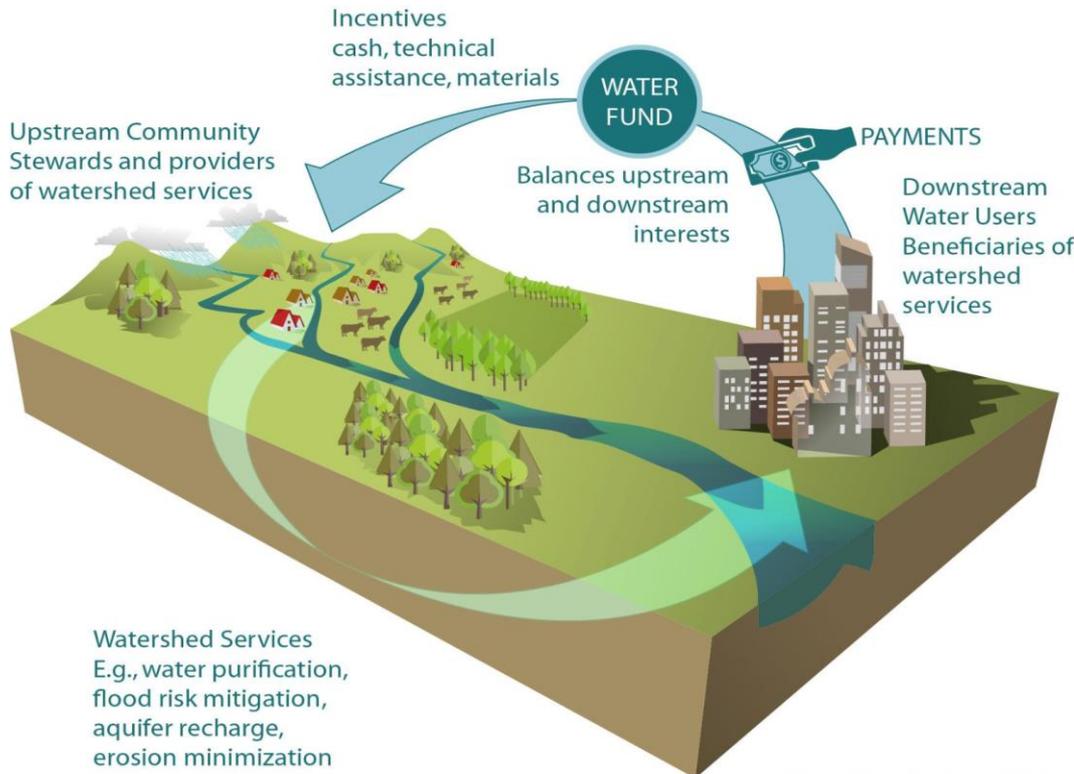
The Nature
Conservancy



FUNDACIÓN
FEMSA



The Latin America Water Funds Partnership creates and strengthens Water Funds (WFs) across the region.



Source: Forest Trends; modified

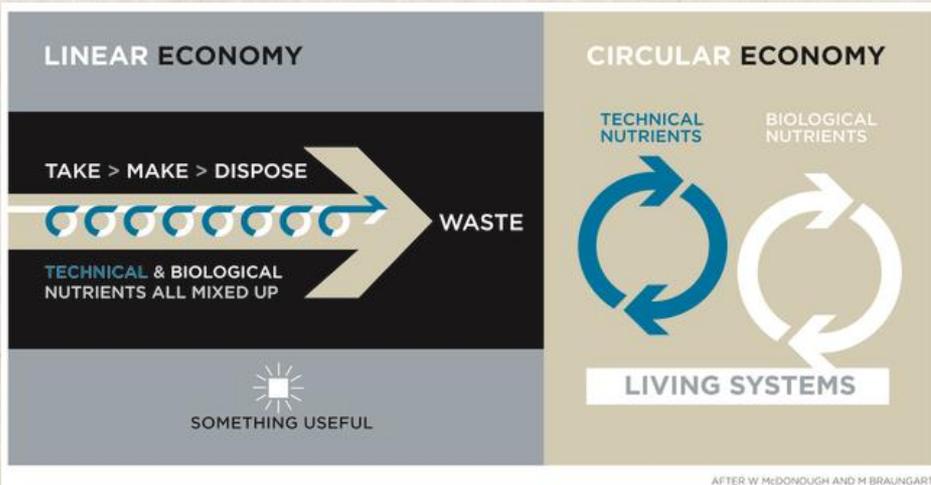
A WF is a financial and institutional mechanism that promotes public and private sector participation for the conservation of watersheds to improve urban water security through nature-based solutions.

INITIATIVES



INITIATIVES

CIRCULAR ECONOMY



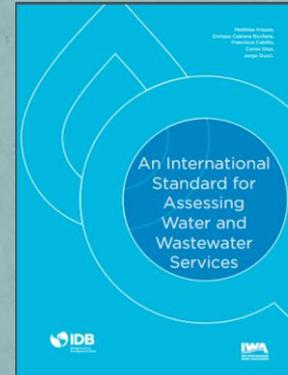
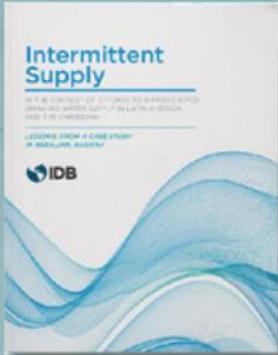
- ▶ **WSA Team**
- ▶ **Diagnosis**
- ▶ **Planning and Regulation**
- ▶ **Technological innovation**
- ▶ **Business models**





KNOWLEDGE AND DISSEMINATION

KNOWLEDGE AND DISSEMINATION



AquaRating

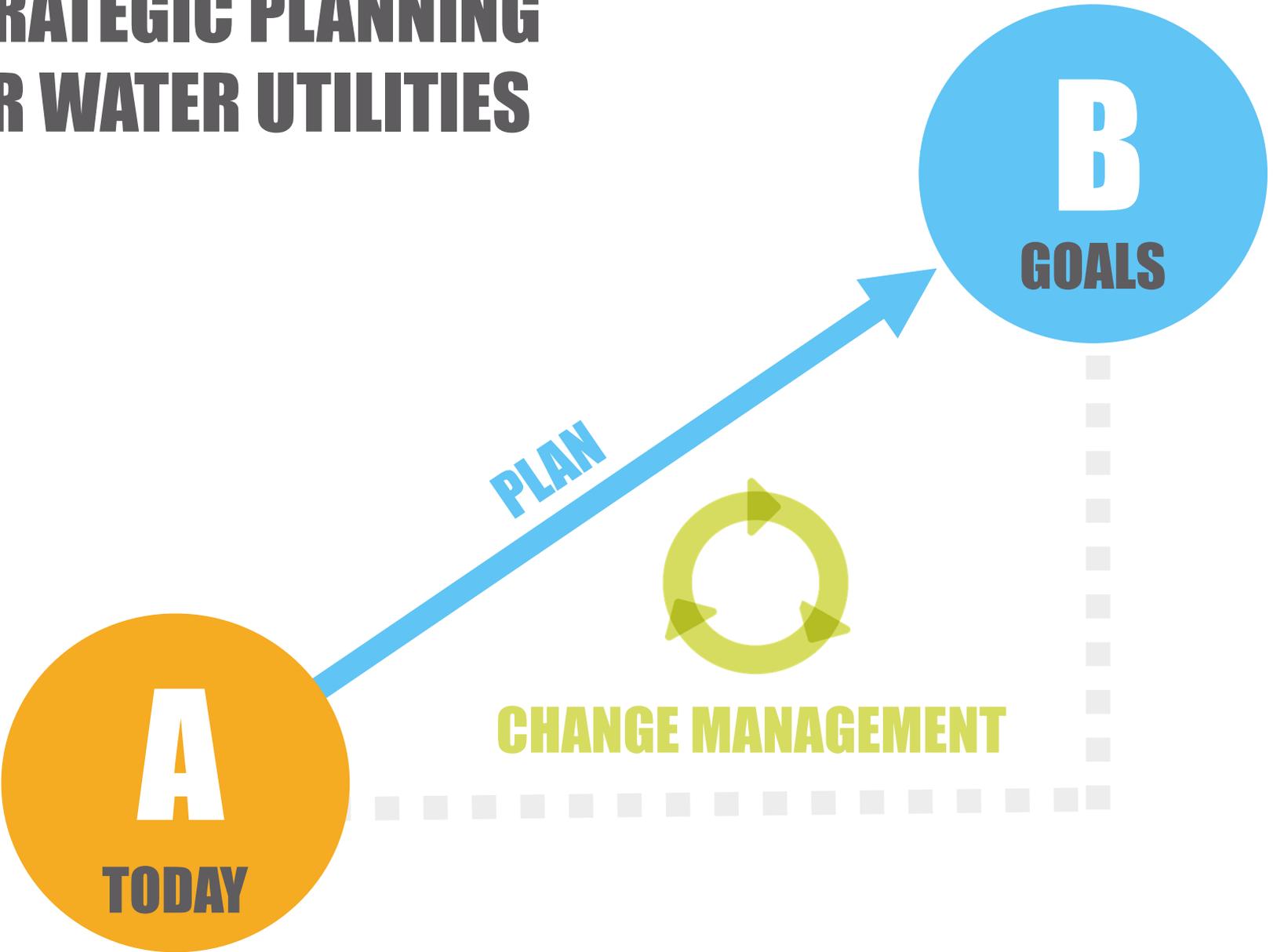
**Transforming the Management of
Water and Sanitation Utilities**



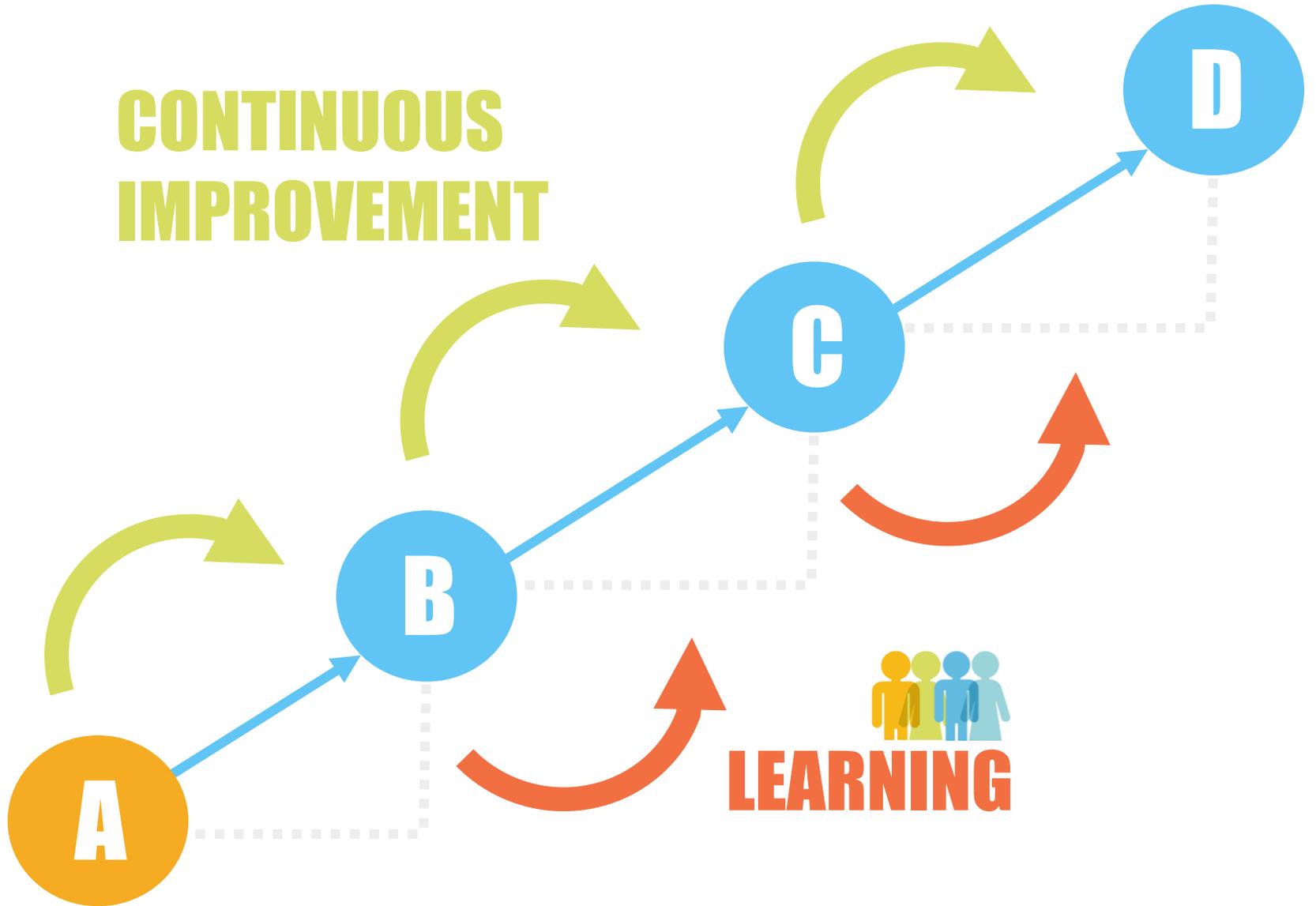
Corinne Cathala - IDB



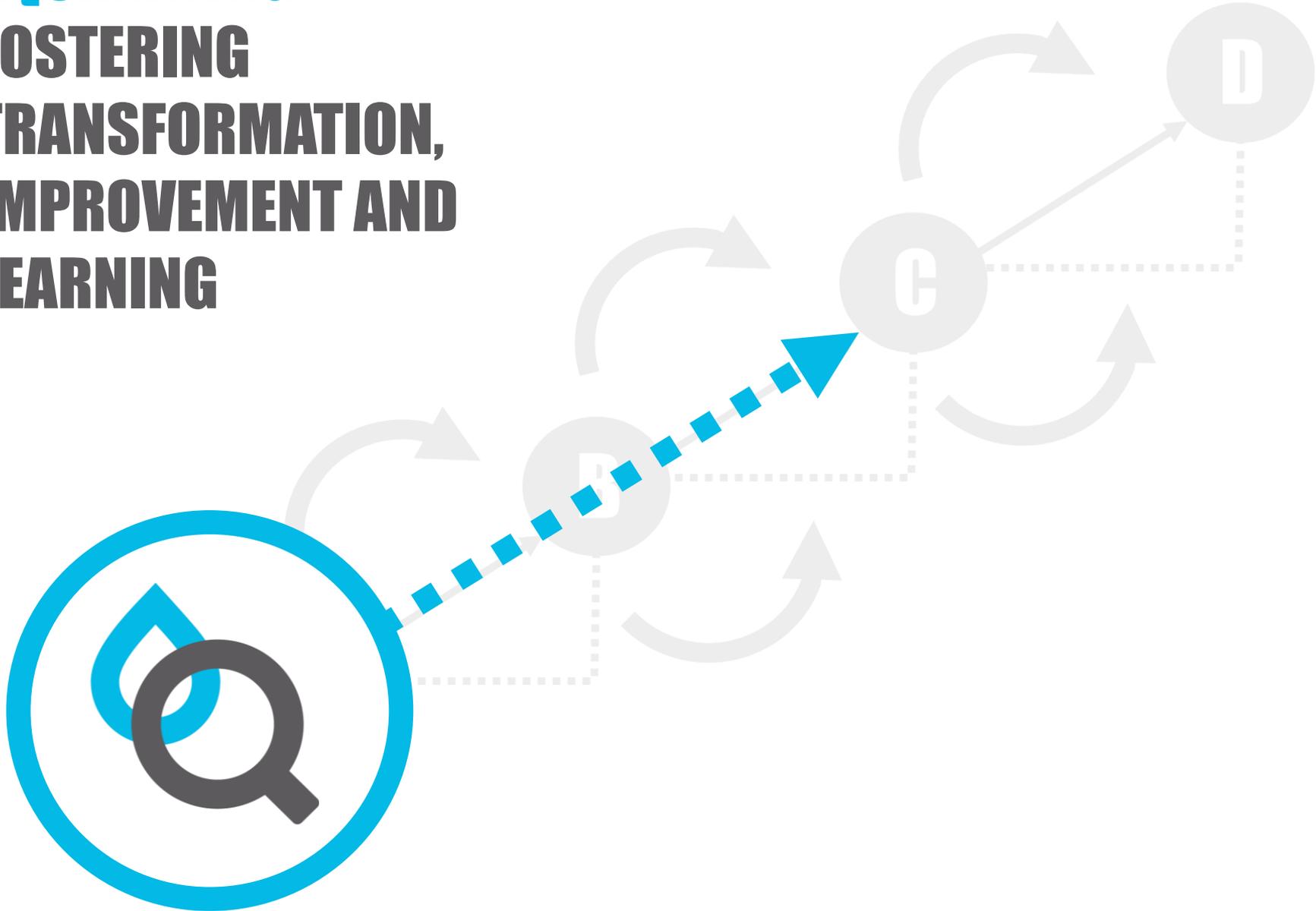
STRATEGIC PLANNING FOR WATER UTILITIES



CONTINUOUS IMPROVEMENT



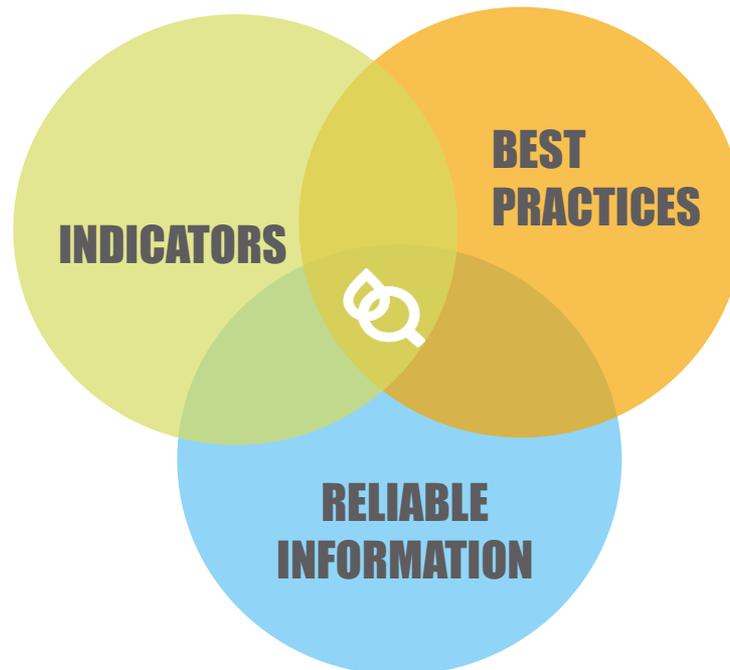
AQUARATING
FOSTERING
TRANSFORMATION,
IMPROVEMENT AND
LEARNING





WHAT IS AQUARATING?

AquaRating is a system based on an international standard for the evaluation and improvement of water and sanitation utilities. AquaRating offers a comprehensive and impartial evaluation of the utilities' performance, based on:





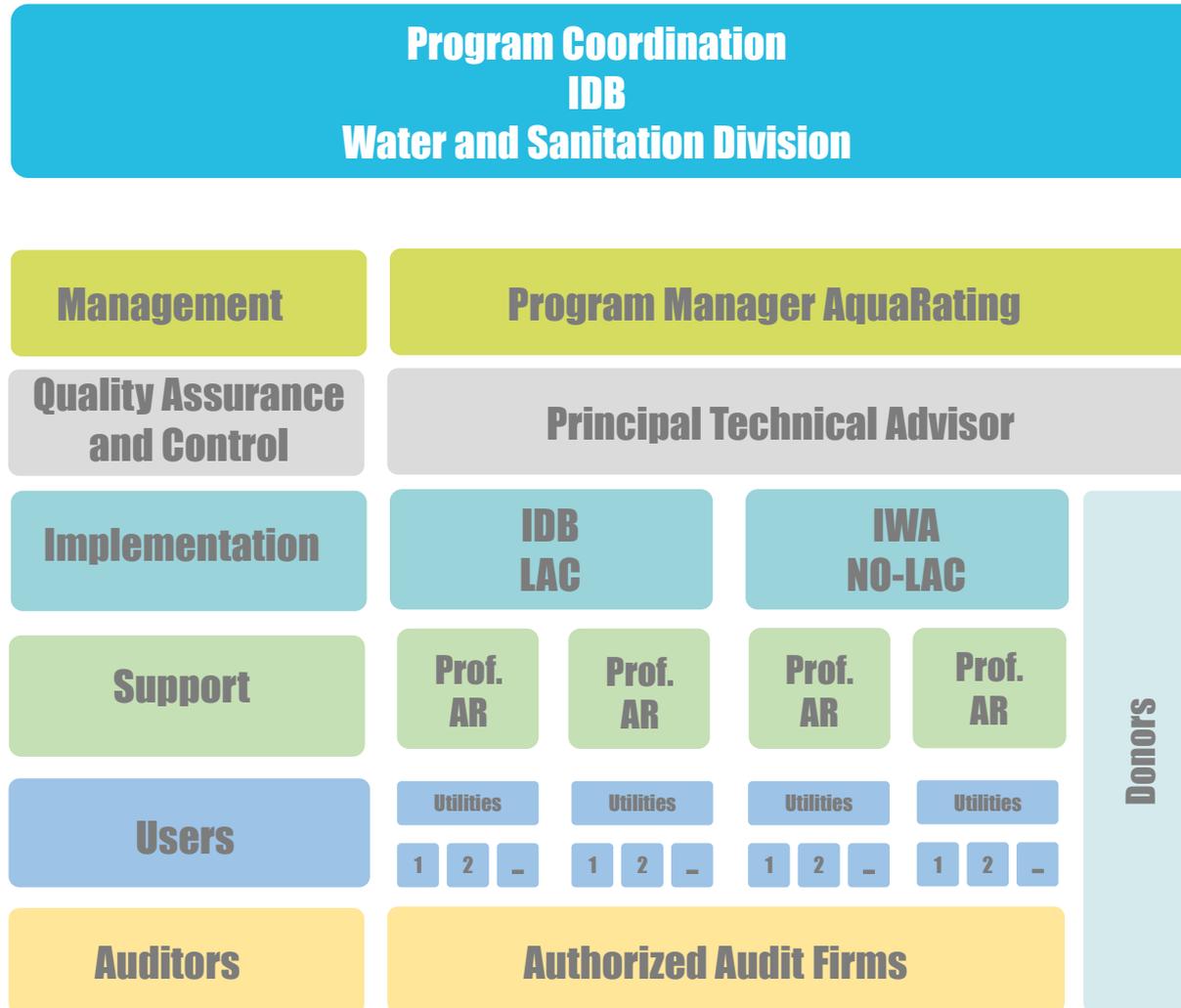
IWA
the international
water association



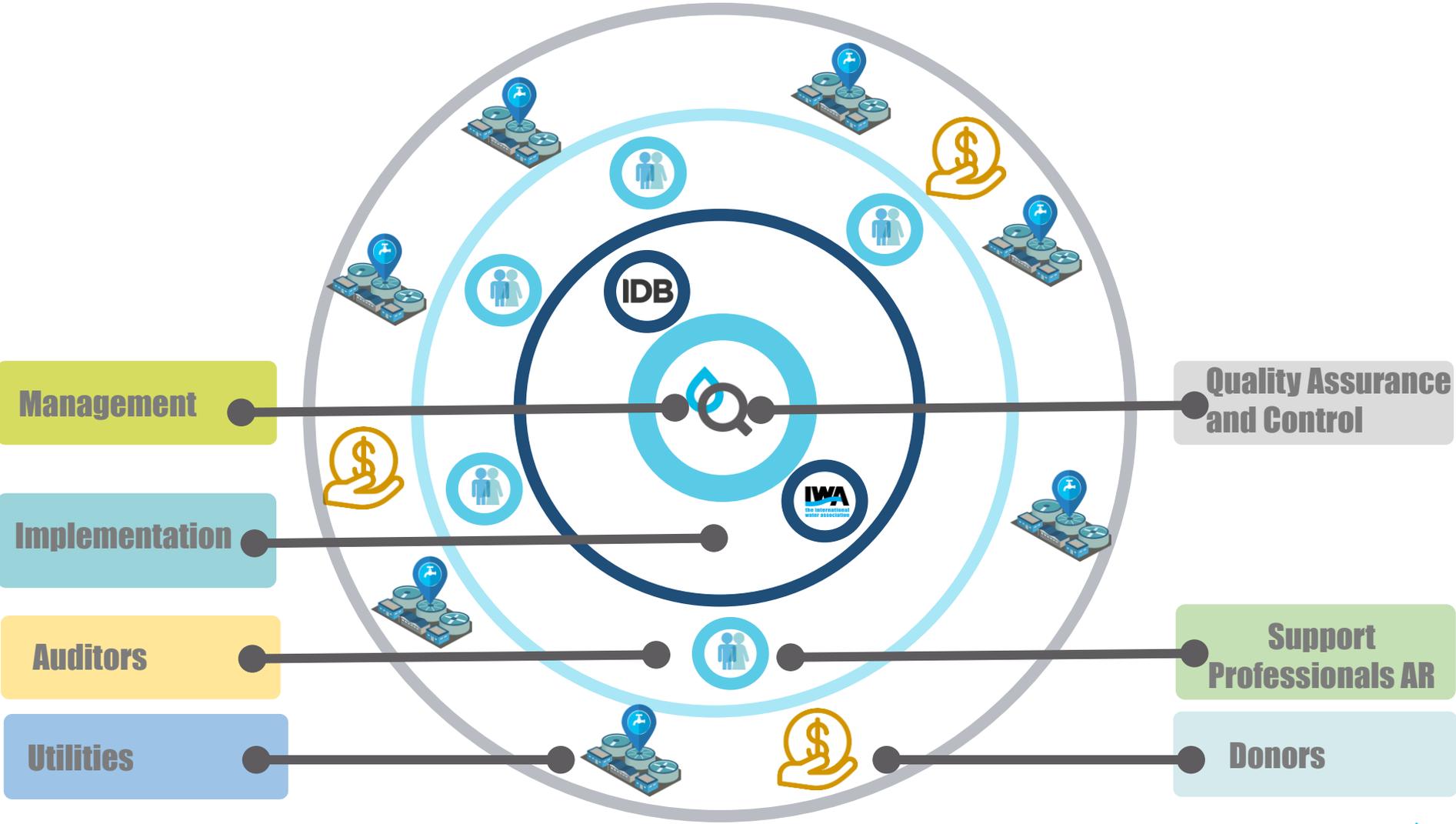
IDB



OPERATIONAL STRUCTURE



AQUARATING NETWORK OF PROFESSIONALS, FIRMS, DONORS, ACADEMY, UTILITIES, ETC...



Management

Implementation

Auditors

Utilities

Quality Assurance and Control

Support Professionals AR

Donors



Institutions and Water service providers



Type of users and expectations



- **Service providers**
- **Development Banks**
- **NGOs**
- **Financial entities**
- **Private entities**
- **Regulators**



Quality
of Service



Investment
Planning and
Implementation
Efficiency



Operating
Efficiency



Business
Management
Efficiency



Access
to Service



Corporate
Governance



Financial
Sustainability



Environmental
management



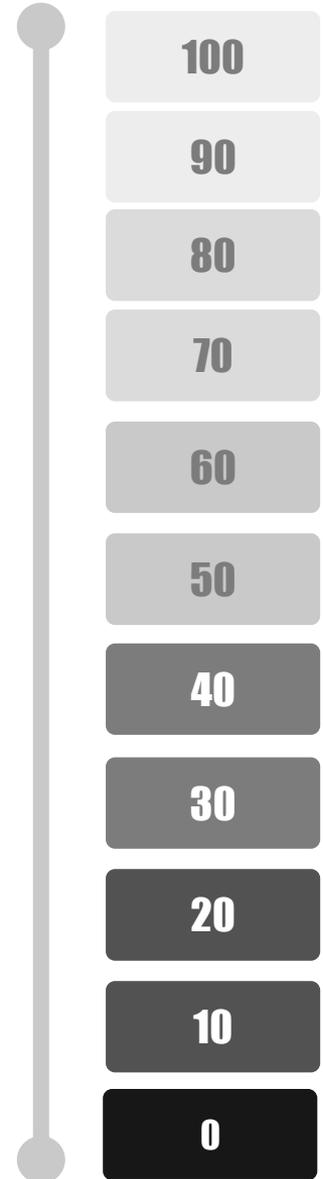
8 EVALUATION AREAS

23 SUB-AREAS

112 ELEMENTS

60 INDICATORS
101 VARIABLES

52 GROUP OF PRACTICES
381 PRACTICES



AQUARATING CERTIFICATION

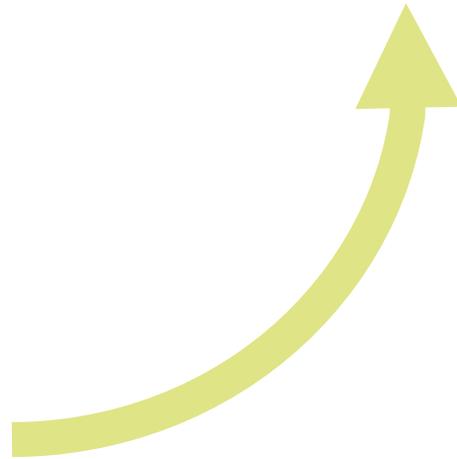


AUDITED
REPORT

6

AUDIT

5



AQUARATING CHARACTERIZATION



1

PLAN

2

SELF
ASSESSMENT

3

VALIDATION

4

SELF
ASSESSMENT
REPORT





Quality, Homogeneity and Efficiency

- **Reach the characterization closest to reality**
- **With available resources**
- **Focused on the expected goal**
- **Adapted to the context**
- **Within the homogeneity needed by a Standard**



Searching for Efficiency

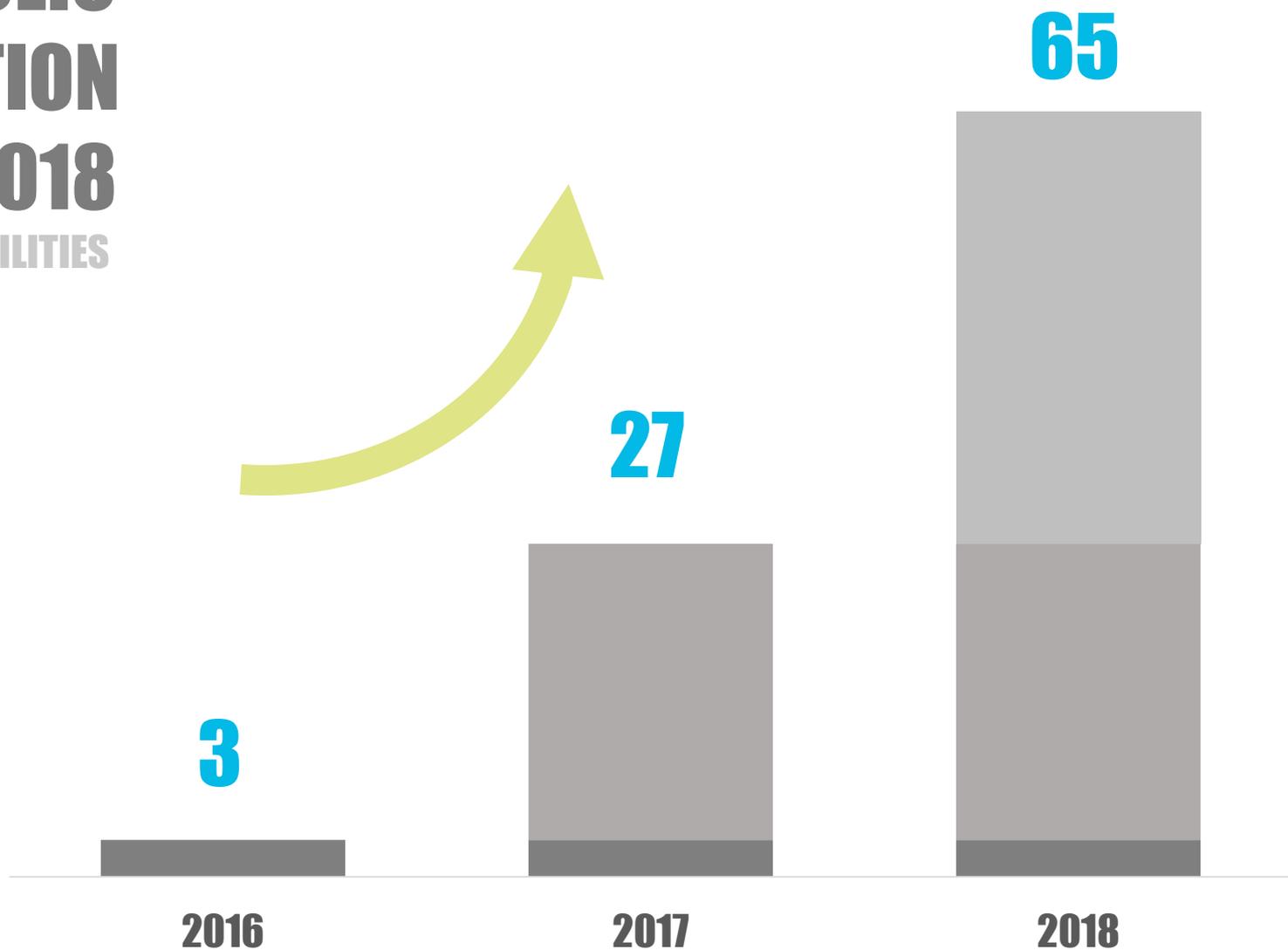


- **From a comprehensive diagnosis (base line)**
- **Identifying gaps and opportunities**
- **Facilitating maturity vs performance analysis**
- **Tailoring diagnosis to every context and Specific strategic goals**
- **Forecasting evolution**
- **Facilitating useful and reliable benchmarking**
- **Setting priorities for operational efficiency and Action Plans**



PORTFOLIO EVOLUTION 2016-2018

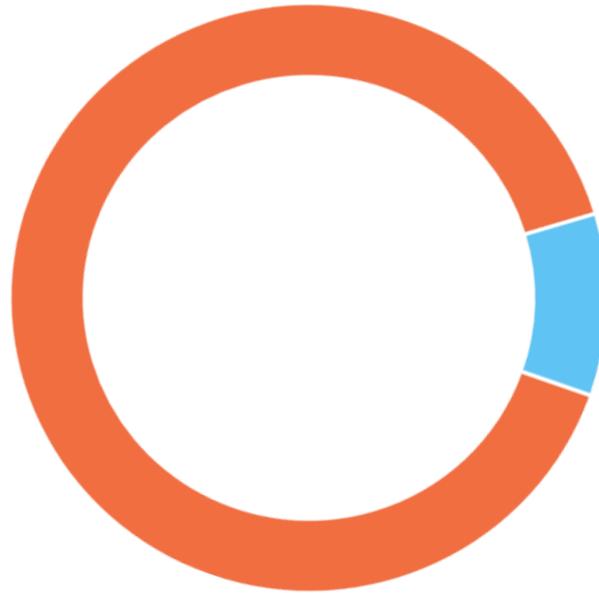
NUMBER OF UTILITIES



90%



**AQUARATING
CHARACTERIZATION**



10%



**AQUARATING
CERTIFICATION**



15
COUNTRIES

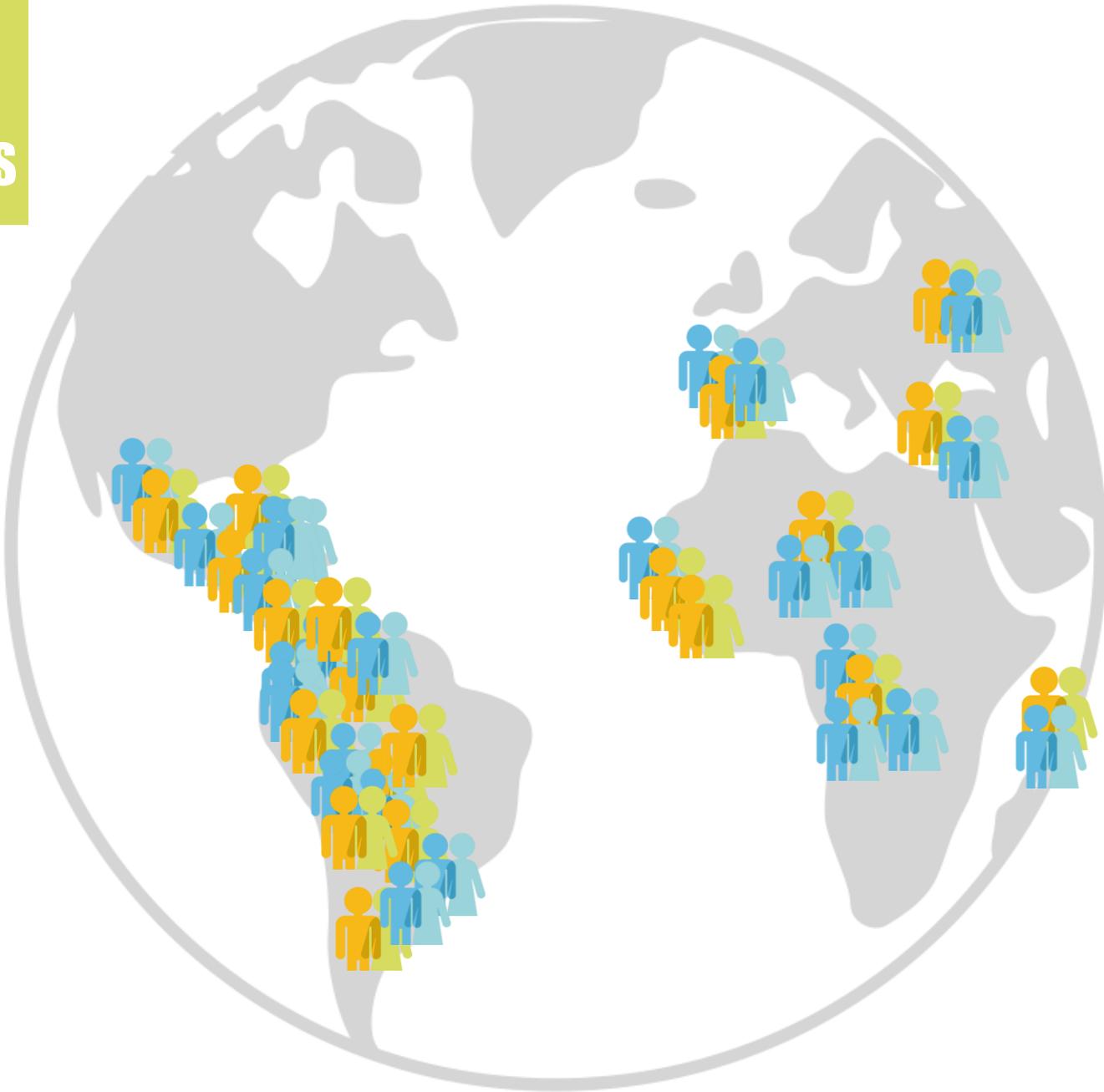


65
UTILITIES

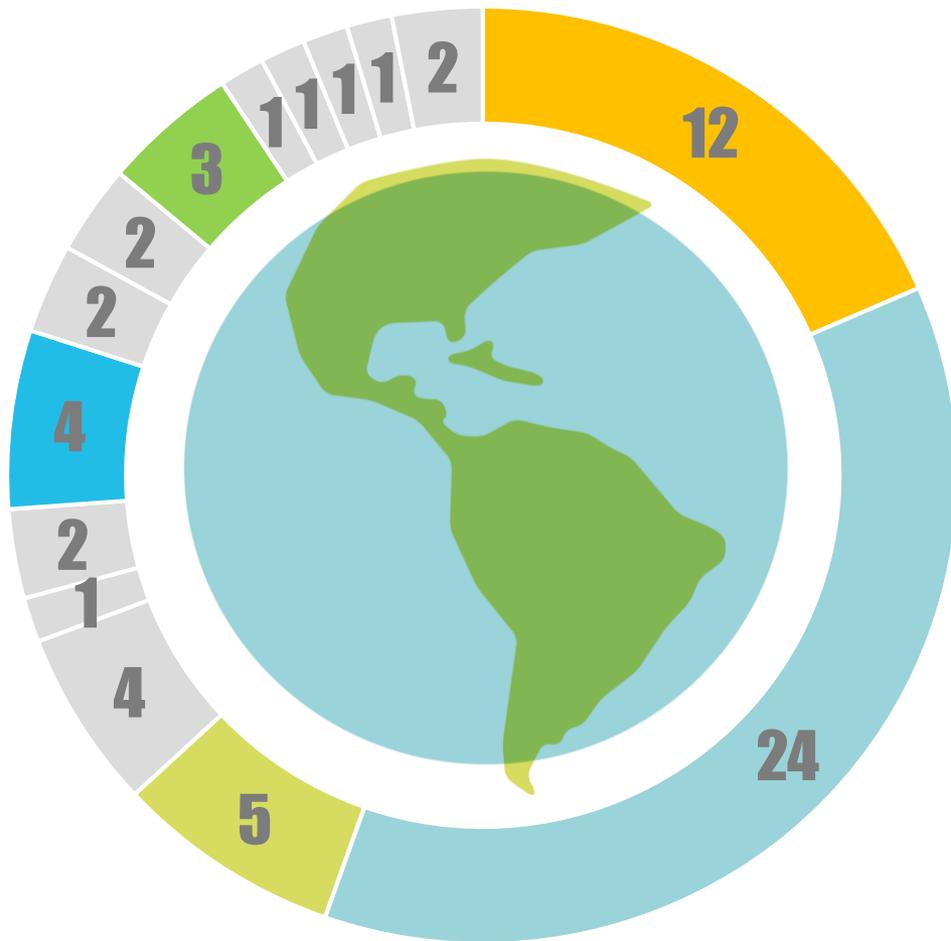


900
EMPLOYEES

**EACH
UTILITY
ASSIGNS A
TEAM**



65



- México
- Colombia
- Ecuador
- Argentina
- El Salvador
- Caribe
- Perú
- Bolivia
- España
- Angola
- Fiji
- Siera Leone
- Mali
- Líbano
- Mongolia



AquaRating can be implemented



- **For any service modality, territory, context and urban model.**
- **In any size of city, type of service or combination of services of water and sanitation.**
- **As a unique or periodic exercise at any time with the objective to assess a determined past period of time.**



COLOMBIA



- **1 DONNOR: SECO (\$15M)**
- **24 UTILITIES**
- **300 EMPLOYEES INVOLVED APROX.**
- **2 AQUARATING PROFESSIONALS**
- **IMPROVEMENT PLANS INCLUDED**



MEXICO



- **IDB TECHNICAL COOPERATION**
- **12 UTILITIES**
- **100 EMPLOYEES INVOLVED APROX.**
- **1 AQUARATING PROFESSIONAL ONSITE**





ECUADOR

ARGENTINA

EL SALVADOR

PERU

BOLIVIA



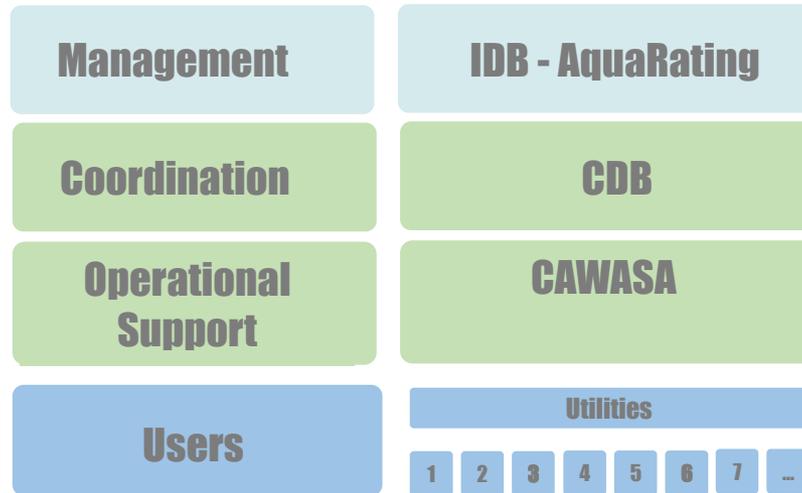
- **UTILITIES OWN INITIATIVE AND RESOURCES**
- **IDB TECHNICAL COOPERATION**
- **18 UTILITIES**
- **300 EMPLOYEES INVOLVED**
- **1 AQUARATING PROFESSIONAL WASHINGTON**



CARIBBEAN



■ NEW PROGRAM WITH CDB* AND CAWASA*



* CDB: CARIBBEAN DEVELOPMENT BANK
CAWASA: The Caribbean Water & Sewerage Association Inc



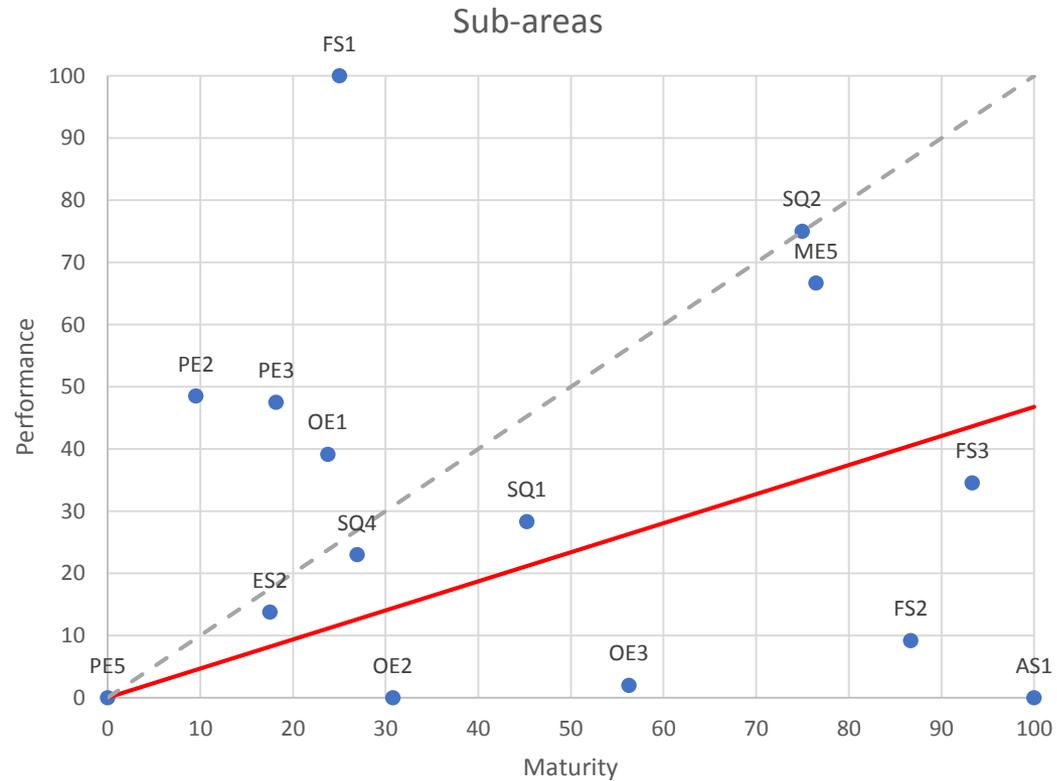


Diversity of aims

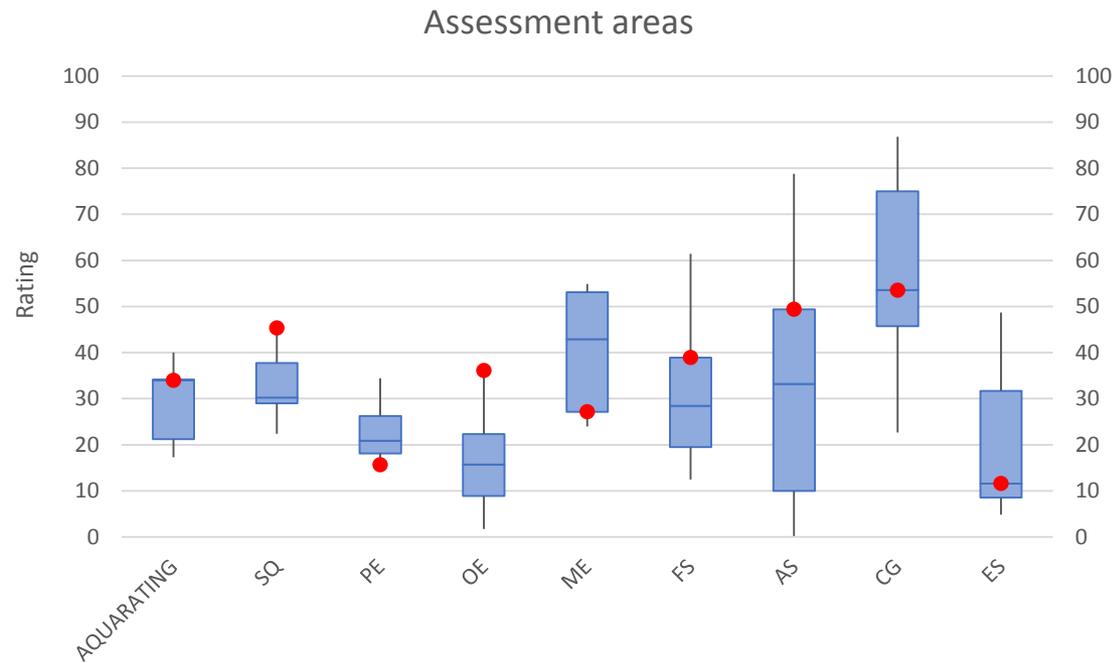
- Identification of opportunities for efficient Action Plans **(Fiji, Mali, Lebanon)**
- Joint definition of Investment Plans **(Development Banks and utilities) (Sierra Leone, Mongolia, Colombia, Zambia)**
- Assessment of improvement and evolution **(Lanzarote , INASSA)**
- Updated characterization to define a new management model **(World Bank in Angola)**
- Assessment against an international Standard **(Madrid, Spain).**
- Benchmarking **(Jamaica, México, Argentina,).**
- Prestige and acknowledgement **(Quito- Ecuador).**
- Baseline for management improvement. **Portoaguas, Monterrey, ANDA**



Maturity vs Performance analysis

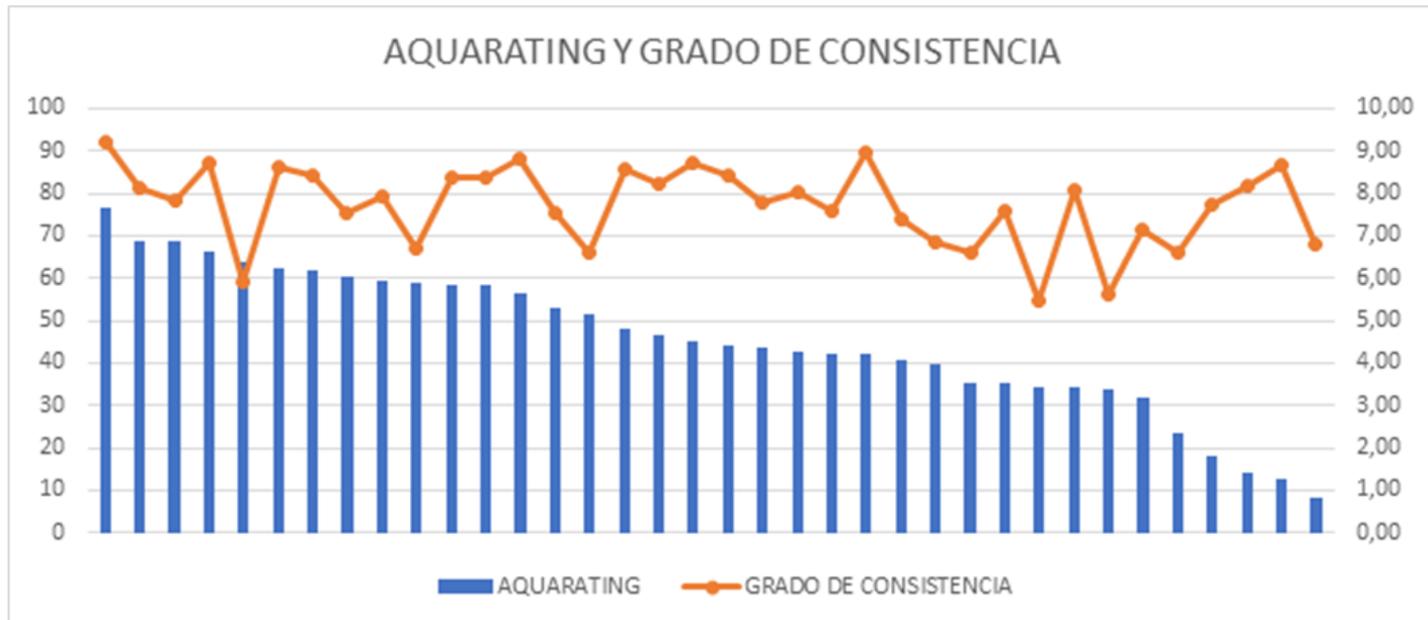


Benchmark with a cluster of similars



ANALYSIS

Diverse ratings and consistency





MAIN DIRECT BENEFITS

- **Reliable integral Baseline**
- **Best practices catalog**
- **Knowledge for managers**



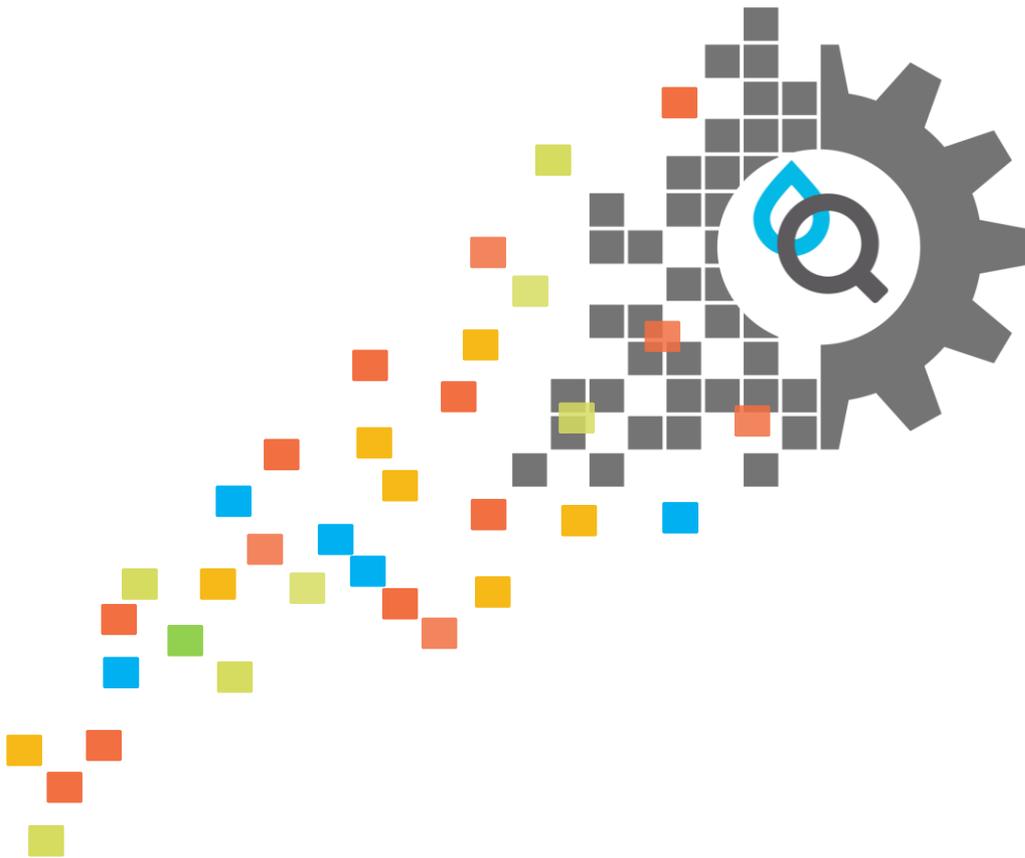


Benefits for donors & Financial institutions

- **Reliable and comprehensive diagnosis**
- **Objective assessment of improvements**
- **Assessment of creditworthiness**
- **Opportunities for benchmarking**
- **Identify Efficient investment or Action Plans**
- **Reliable reporting tool**



IN CONTINUOUS EVOLUTION



- **NEW AQUARATING BOOK**
- **NEW PLATFORM**
- **NEW WEBSITE AQUARATING.ORG**
- **NETWORKING**
- **AUDITORS**
- **PORTUGUESE**
- **MANAGEMENT UNIT AND PROCESS**
- **LEARNING WORKSHOPS**
- **IDEAS INTO ACTION (YOUTUBE)**
- **QUALITY CONTROL**
- **IMPROVEMENT PLANS**





Thank you!

AquaRating

www.aquarating.org

