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AGENCE FRANÇAISE DE DÉVELOPPEMENT

6th Water Loss Forum & Exhibition



2-3 November 2022

ISTANBUL

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AGENCE FRANÇAISE DE DÉVELOPPEMENT



Overview

AFD at a glance

- Funding System, Outcomes of Water and Sanitation projects

Non-Revenue Water

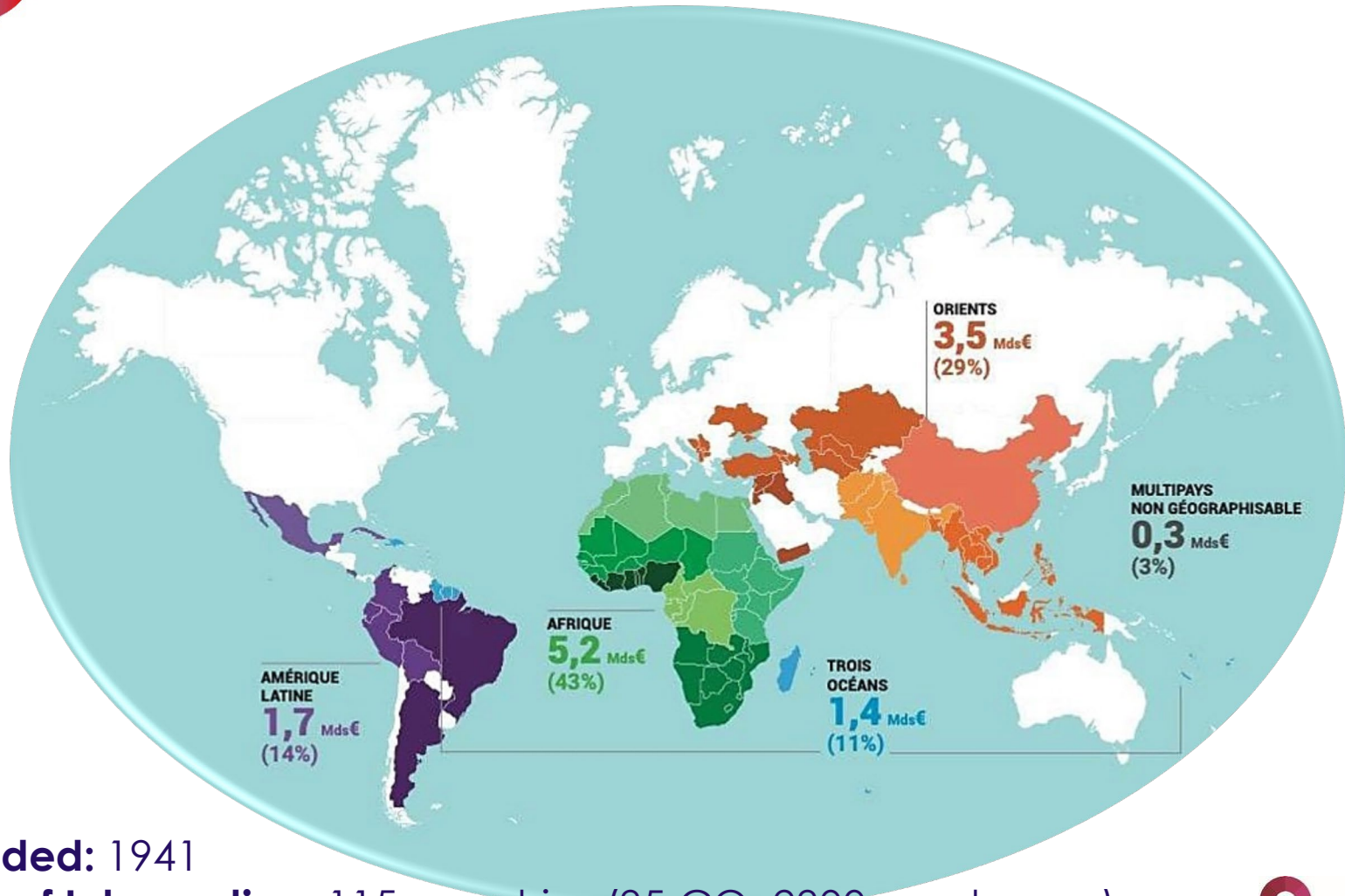
- Definition, Main figures, Drinking water projects in Türkiye, Technical Assistance

Key Points in Project Implementation

- Agreements, Governance, Procurement



AFD Group, a global network



Founded: 1941

Area of Intervention: 115 countries (85 CO, 2800 employees)

Total Funding (2021): € 12,15 B to 995 development projects





AFD Group, contribution to the SDGs (2021)



More than 2.4 million additional people with access to sustainable electricity services



125,550 people supported in their income-generating activities or employment



More than 19.7 million people with better social protection



13.9 million people now have improved access to essential services



More than 3.7 million tons of CO₂ avoided or reduced



More than 22.1 million hectares benefit from biodiversity conservation/restoration programs



More than 3.1 million hectares benefit from biodiversity conservation, restoration programs



More than 4.6 million people benefit from a safely managed drinking water supply



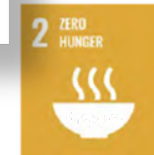
More than 34.1 million city dwellers and users benefit from improved quality of life



More than 3.8 million women benefit from better social protection



450,200 people access goods and services developed through local digital innovation



1.4 million people empowered through improved access to agricultural sector services



More than 12.6 million girls are now enrolled in primary and lower secondary school



22.6 million people with improved access to health care



More than 35 million hectares of territory benefit from sustainable management programs



600 partners from civil society involved in AFD Group projects



More than 13.5 million project beneficiaries in crisis and/or fragile areas



AFD Funding

Loan*

- Sovereign
- Non-sovereign
- Private Sector Loan (Proparco)



Grant

- Grants to French NGOs
- Grants to Public Entities in Priority Poor Countries
- Delegation of funds from other donors
- Fund for Technical Expertise and Experience Transfer



Equity

- Shareholding (Proparco)



Guarantee

- To local private banks (Proparco)



AFD Loan Need-to-knows

- Minimum 30M €
- Repayment (+10 y)
- Grace period (3-5 y)
- Technical Assistance
- Capacity Building
- Non-profit institution
- Project Appraisal
- Climate co-benefit
- Co-Financing



Sectors of Intervention





Water and Sanitation

Sector Specific Strategy and Objectives:

 Reducing inequalities in access to water and sanitation

 Taking action at territorial level to increase climate and ecological resilience

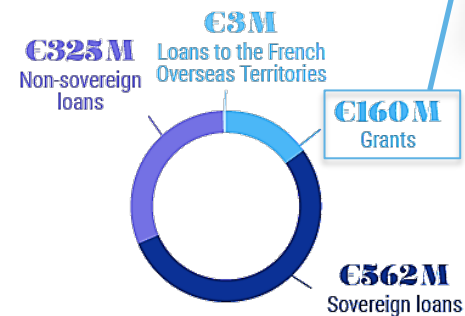
 Improving governance for efficient and sustainable services

Signatures

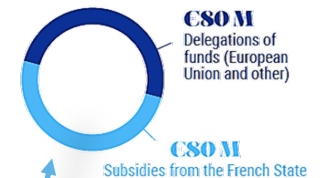


Total amount of
68 financing
agreements
signed in 2021 in the
water and sanitation
sector

Breakdown by financial tool



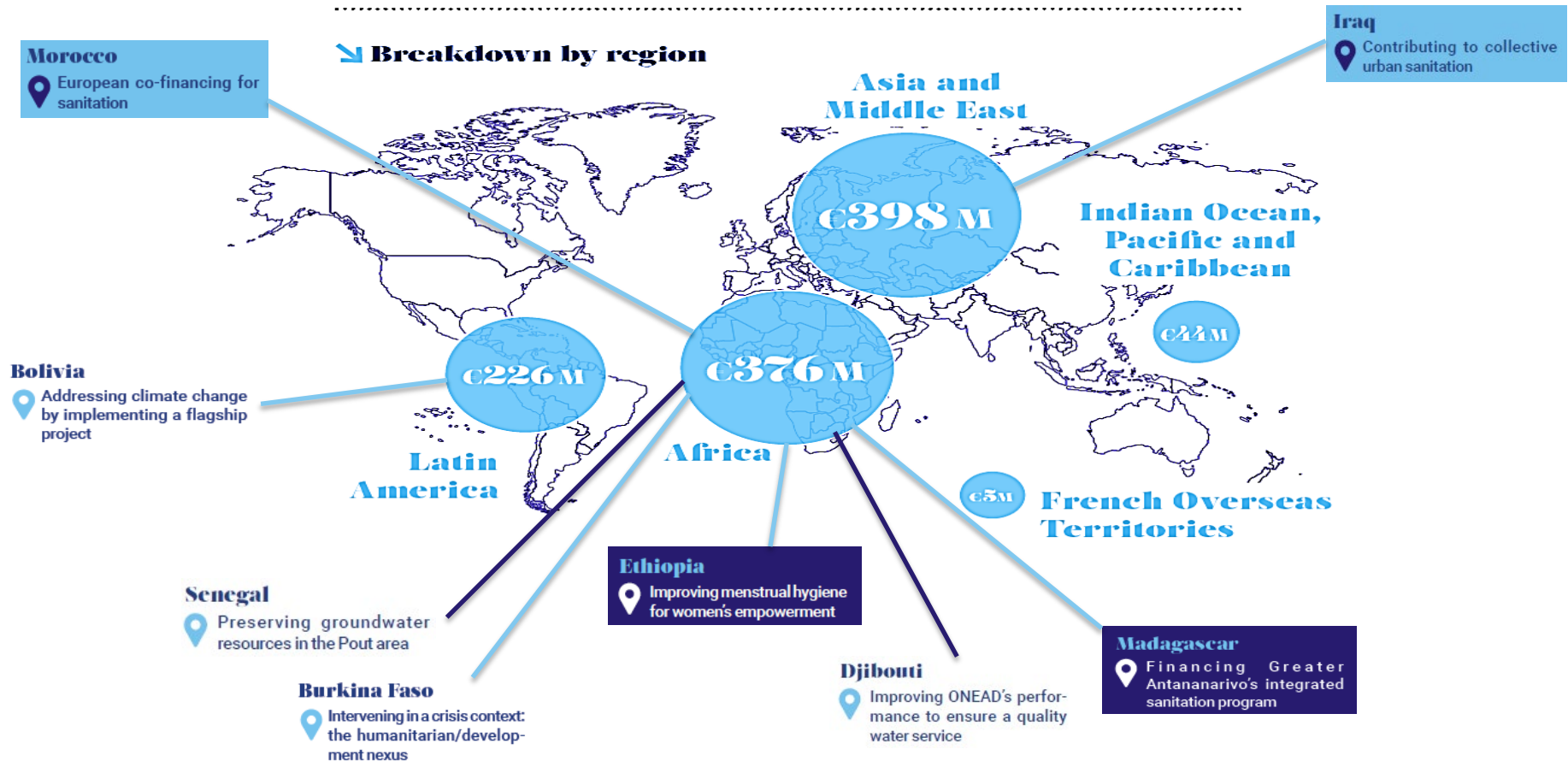
Breakdown by grants





Water and Sanitation

Our water and sanitation commitments in 2021*



*1 B € = 8% of AFD Group's total commitment



Water and Sanitation



394,000 people to benefit from a basic sanitation service

2.6 million people to benefit from a safely managed drinking water supply service



5.3 million people to benefit from a basic drinking water supply service

2.9 million people to benefit from a safely managed sanitation service

2.4 million population equivalent of wastewater treatment capacity



552,000 m³ per day of drinking water production capacity

Contribution by theme

€391M to secure water supply



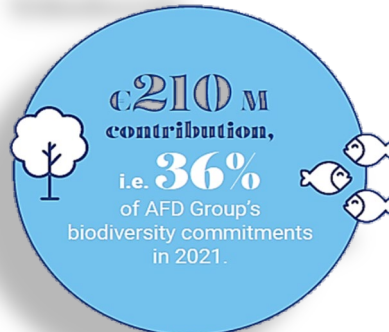
Total **€902M**

€511M to improve wastewater and rainwater management

Hygiene and water use awareness raising for **1.7 million** people



Biodiversity



In 2021, the water and sanitation sector accounts for

35% of AFD Group's financial commitments to projects for climate adaptation.



Non-Revenue Water



126 B m³/y (>30%)*
77 L/capita/day*
39 B \$/y*



39,63 m³/km/y***



*International Water Association (2018) / Global Water Intelligence (GWI)

** TUIK 2012

***The International Benchmarking Network for Water and Sanitation Utilities (IBNET - 2008)



Meanwhile: No or limited access to water in the World

Over 2.2 B People*

lack access to safely managed drinking water

0.9-1.5 trillion USD

yearly investment need is estimated in 2030 for W&S infrastructure (20% of total infrastructure)

1000 children die every day

depending on diseases related to inadequate water, sanitation and hygiene.

25% of healthcare facilities and 31% of schools

lacks access to safely managed water.

200 M hours/d spent

(230 M people) to collect water away from their houses.

1 M Somaliian displaced

last year due to drought



© Ines Kabamba

AFD

*up to 4 B seasonally + 1.6 B economically unable to access
 Türkiye: 1.2 % of population have no access according to TÜİK (2020).

References: WHO, UNHCR, World Bank, WHO, UNICEF, OECD, UN Water

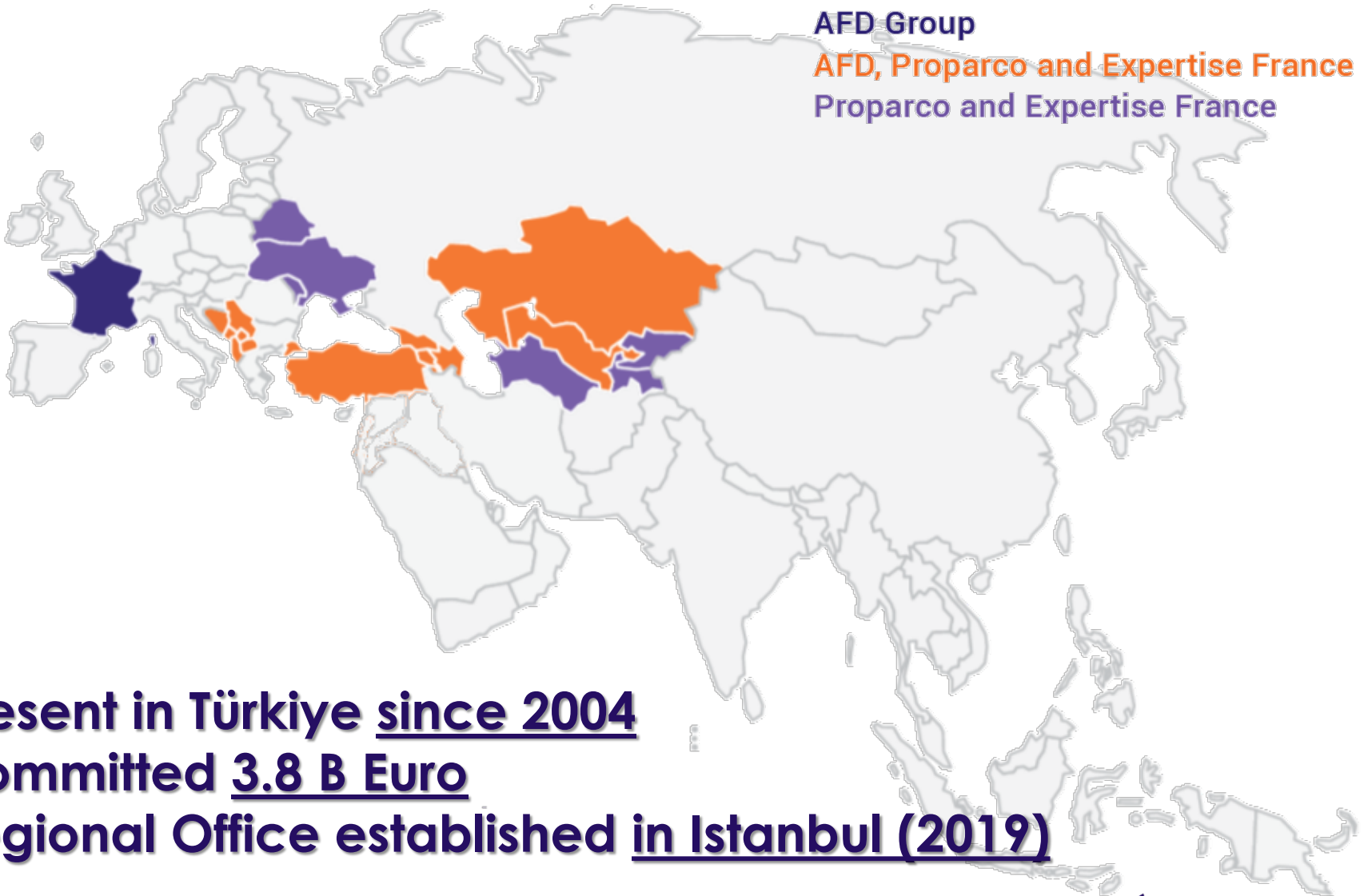


AFD Group, Eurasia Region

AFD Group

AFD, Proparco and Expertise France

Proparco and Expertise France



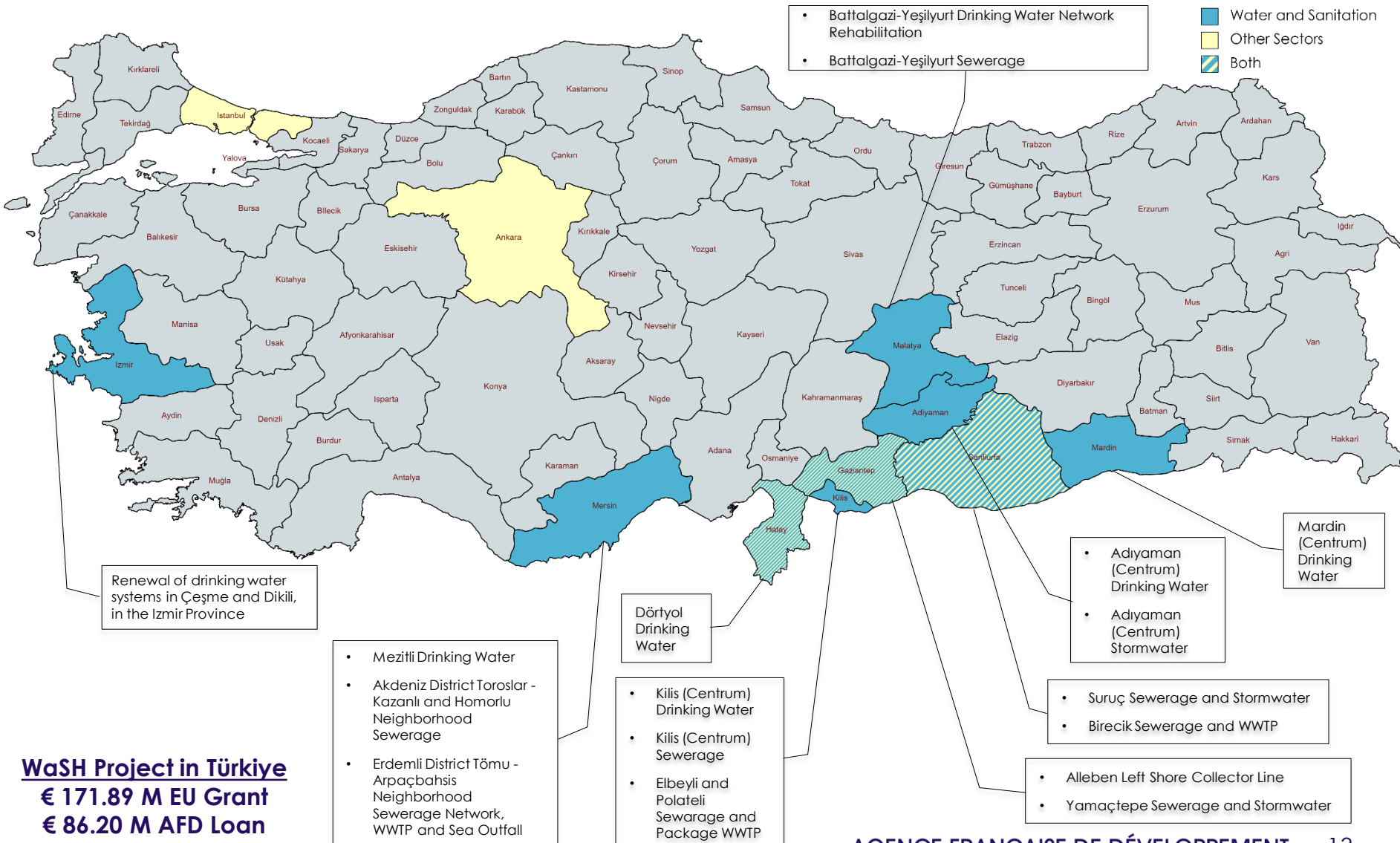
Present in Türkiye since 2004

Committed 3.8 B Euro

Regional Office established in Istanbul (2019)



AFD Water and Sanitation Projects in Türkiye



WaSH Project in Türkiye
€ 171.89 M EU Grant
€ 86.20 M AFD Loan



Non-Revenue Water Infrastructure

Battalgazi-Yeşilyurt Drinking Water Network Rehabilitation



**Current
NRW**

38.3%*

26.33 M m³/y

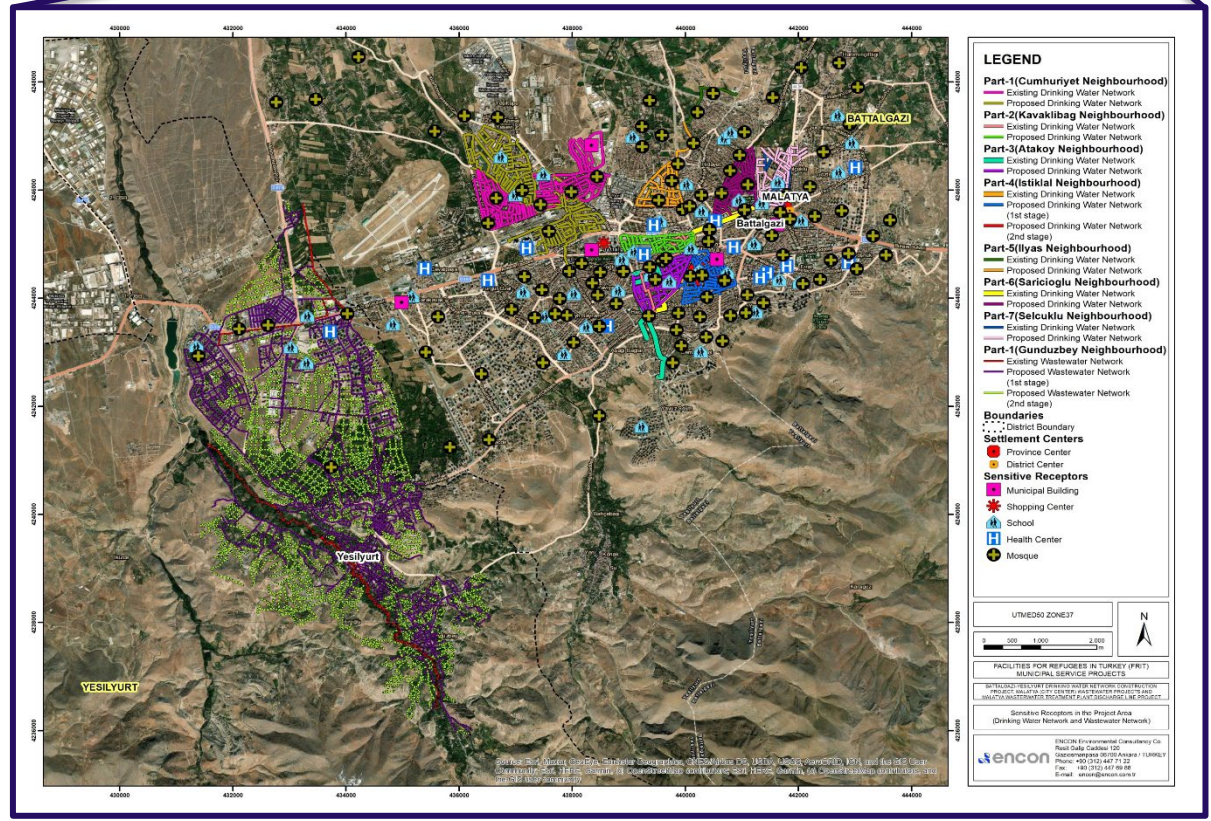
Renewal of old pipes
324 km

Connection
34,480

Target NRW

22.5%

15.47 M m³/y

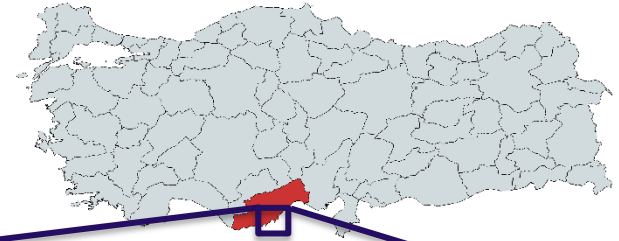


*34.3% Physical

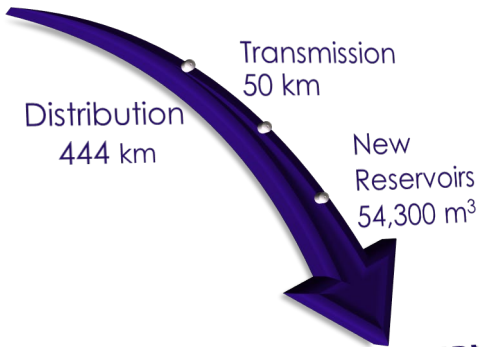


Non-Revenue Water Infrastructure

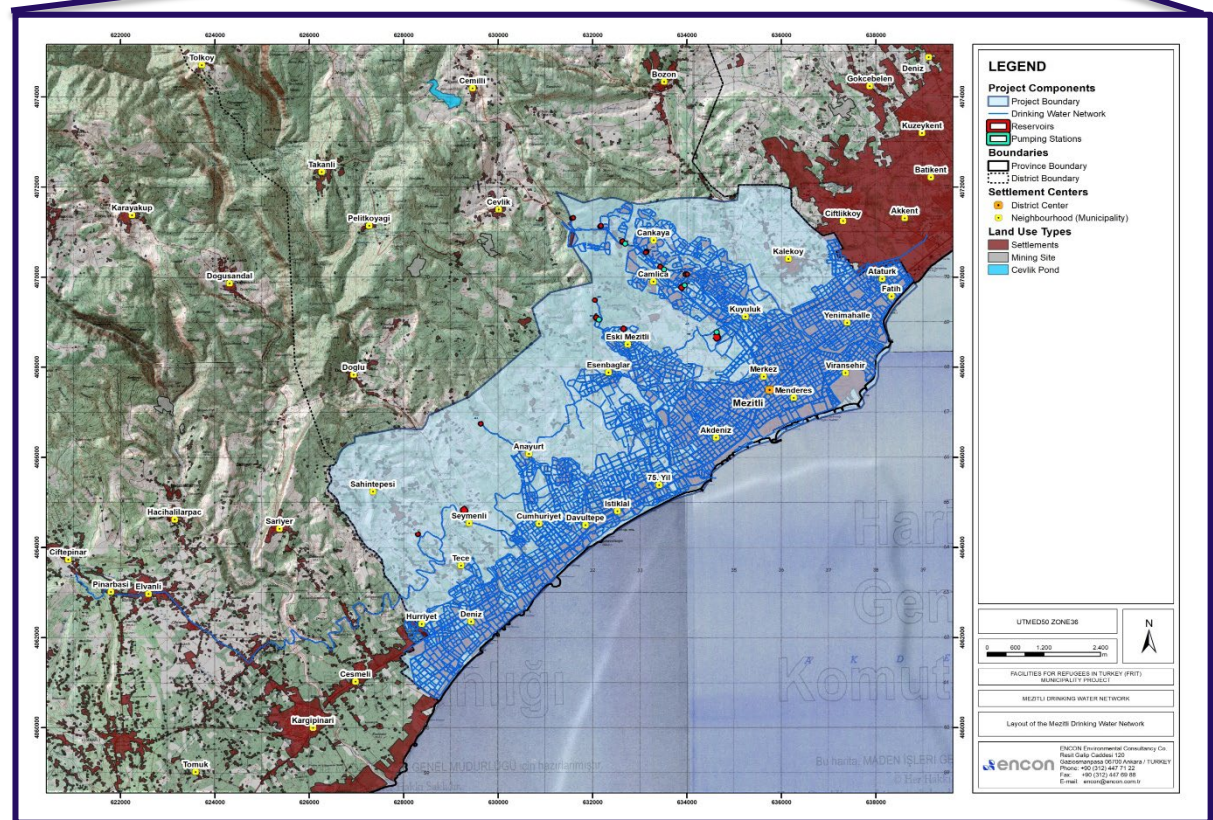
Mezitli Drinking Water Project



**Current
NRW
53.9%***
11.31 M m³/y



**Target NRW
23.4%**
4.91 M m³/y

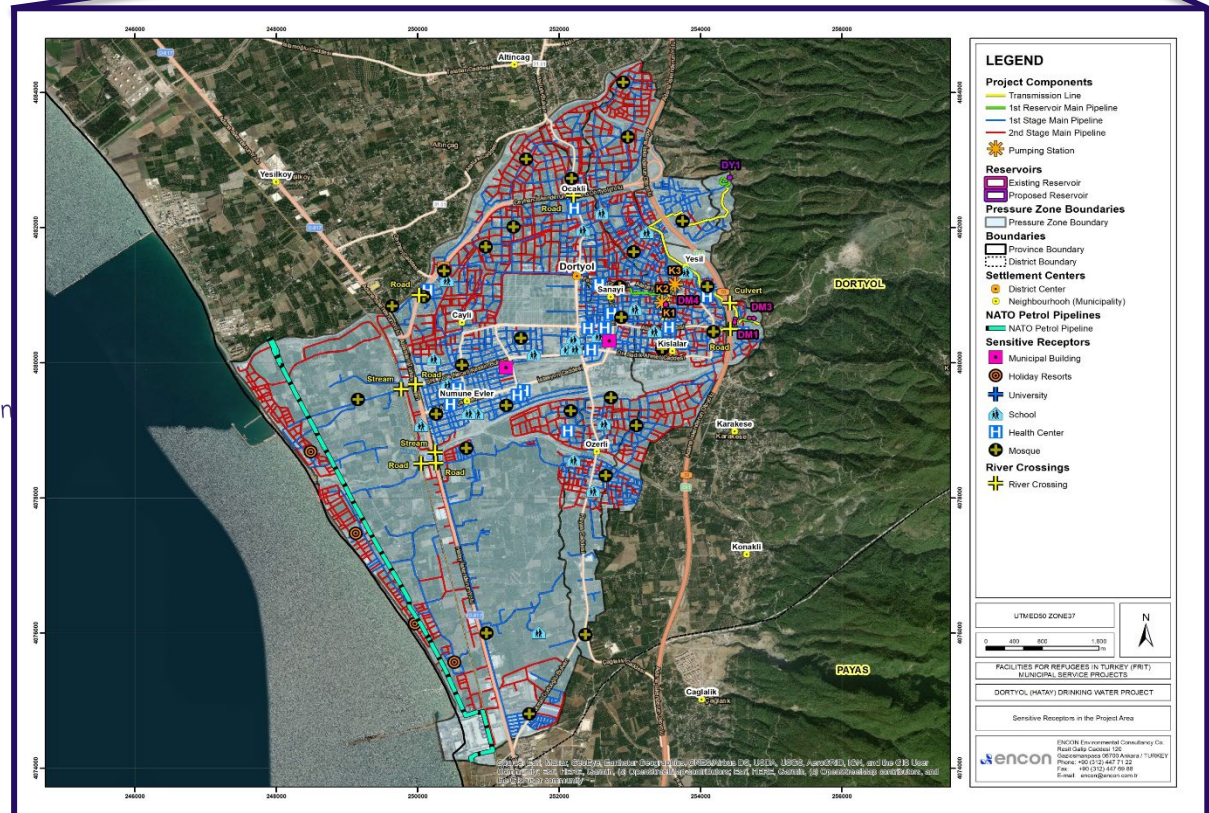
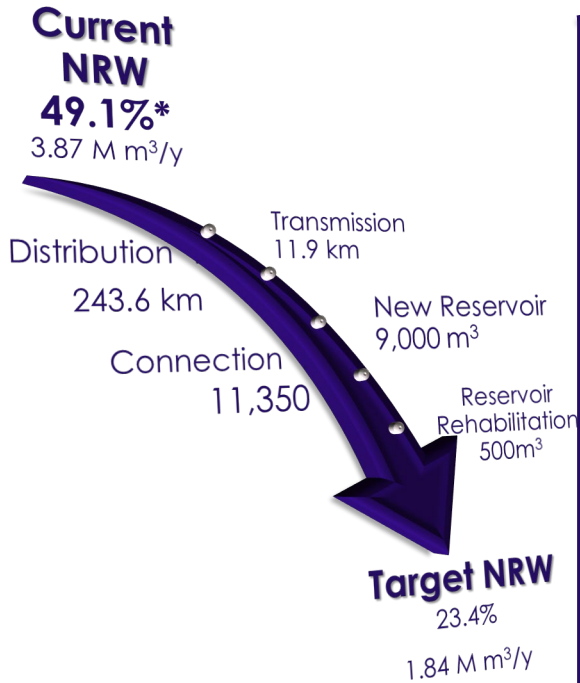
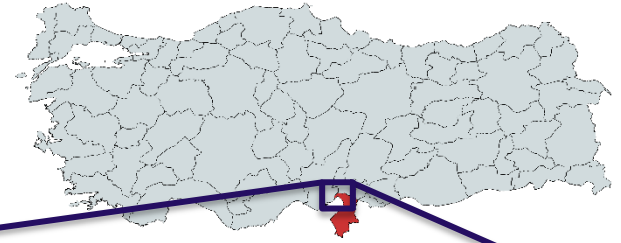


*49.6% Physical



Non-Revenue Water Infrastructure

Dörtüyl Drinking Water Project



*44.3% Physical



Non-Revenue Water Infrastructure



Mardin Drinking Water Project

- 207 km Distribution Network
- 5 New Reservoirs (26,500 m³)
- Rehabilitation of 6 Reservoirs
- 10,000 House Connection

Current NRW
71,0% (60,0% Physical)
11.22 M m³/y

Target NRW
< 30,0%*
< 4,74 M m³/y



Adiyaman Drinking Water Project

- 549 km Drinking Water Network (Ø150 mm - Ø1000 mm)
- 10,000 m³ reservoir
- 20,000 house connections

Current NRW
60.4% (55,2% Physical)
18.47 M m³/y

Target NRW
23.4%
7.16 M m³/y



Kilis Drinking Water Project

- 37 km Distribution Network
- 1,500 house connections
- A booster pump
- Isolation valve chambers

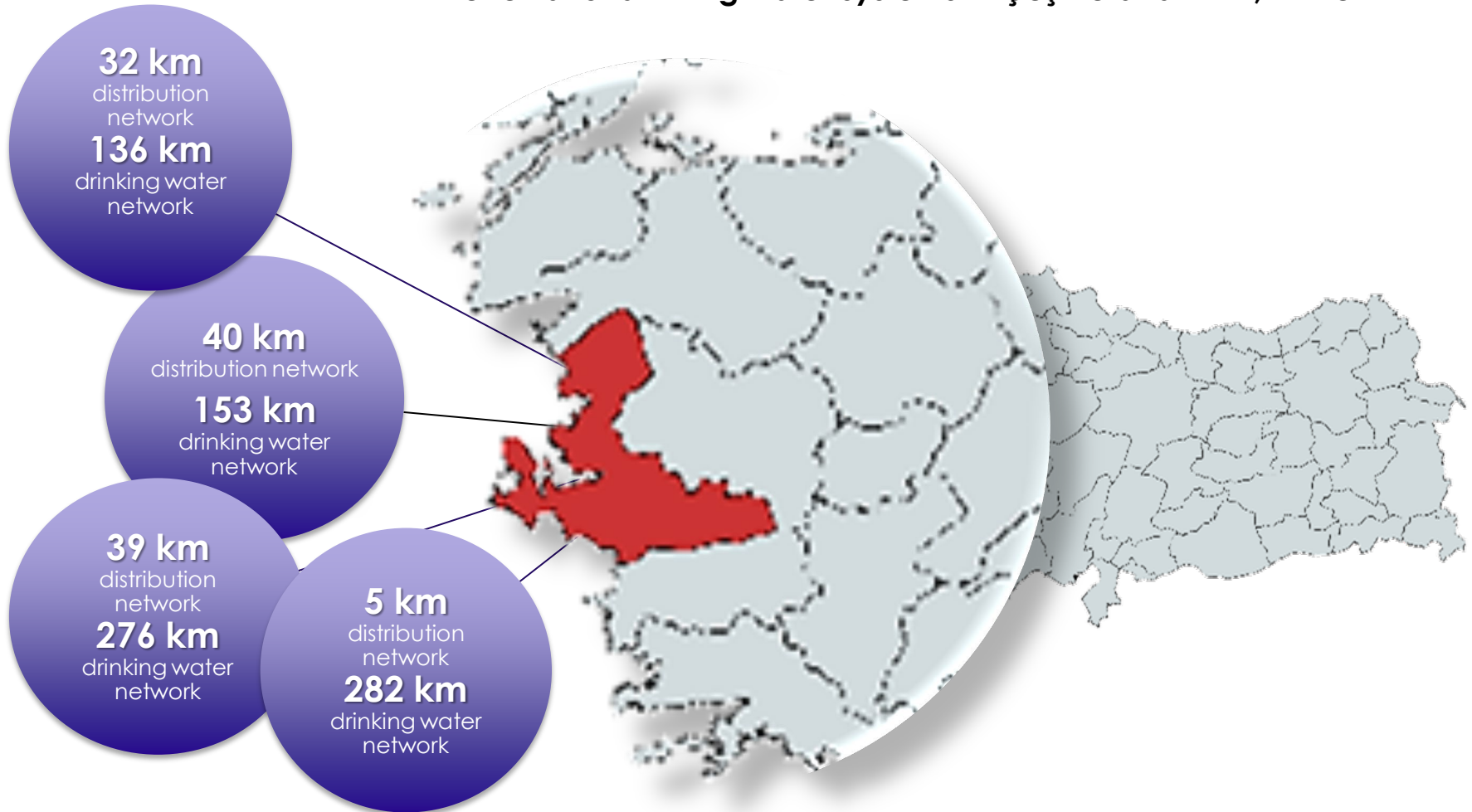
Current NRW
51.9%
4.71 M m³/y

Target NRW
25.2%
2.29 M m³/y



Non-Revenue Water Infrastructure

Renewal of drinking water systems in Çeşme and Dikili, in the Izmir





Non-Revenue Water Infrastructure



Overall

2,829.5 km
Pipe Installation

91,300 m³
Reservoir
Construction

9,000 m³
Reservoir
Renewal

77,330
House Connection

40 M
m³/y
water saved



10,000*
ton CO₂ eq/y
GHG reduction



12 M*
Euro/y
saving for the
Municipalities



500,000*
People
to have access to water



*theoretically according to potentially saved water amount.



Non-Revenue Water Technical Assistance and Capacity Building



Axis	Topic	Adiyaman Municipality	GASKI	HATSU	Kilis Municipality	MARSU	MASKI	MESKI	ŞUSKİ
Project Management Evaluation and Monitoring (PMEM)	Design Training								
	Geocode and GIS								
	International Projects Coordination Unit (IPCU)								
	Technical Training and Peer to Peer Training	All Beneficiaries							
Performance of the network: Non-Revenue Water (NRW)	NRW Training								
	Unauthorized Consumption								
Performance in terms of Energy Efficiency (EE)	Co-gen System								
	Energy Efficiency Feasibility								
	SCADA Training	All Beneficiaries							





Project Implementation

Financing Agreements

- Special provisions, beneficiaries as contracting authorities, commitments, essential facility units



AFD Procurement Guidelines

- Standard Procurement Documents, Eligibility Criteria, Good Practices, Procurement Plan, Int. Tender



AFD's Reviews

- Prior Review, No Objection Letter



Environmental and Social Policy

- E&S Eligibility and Category, Internationally Recognized E&S Standards, ESHS work completion



Cross-Cutting Themes

- Gender, Climate, Biodiversity



Project Governance Structure

- Different Institutional Set-ups, Multi-layered Supervision, Close Monitoring, Progress Reporting



Communication and Visibility

- C&V Rules and Principles, C&V Strategy





THANK YOU

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