



Local Governments
for Sustainability



WORLD
WATER
COUNCIL

WEBINAR SERIES

CitiesWithWater

TOO DIRTY

WEBINAR SERIES

CitiesWithWater

TOO DIRTY

City of Istanbul

TURKEY



Local Governments
for Sustainability



WORLD
WATER
COUNCIL



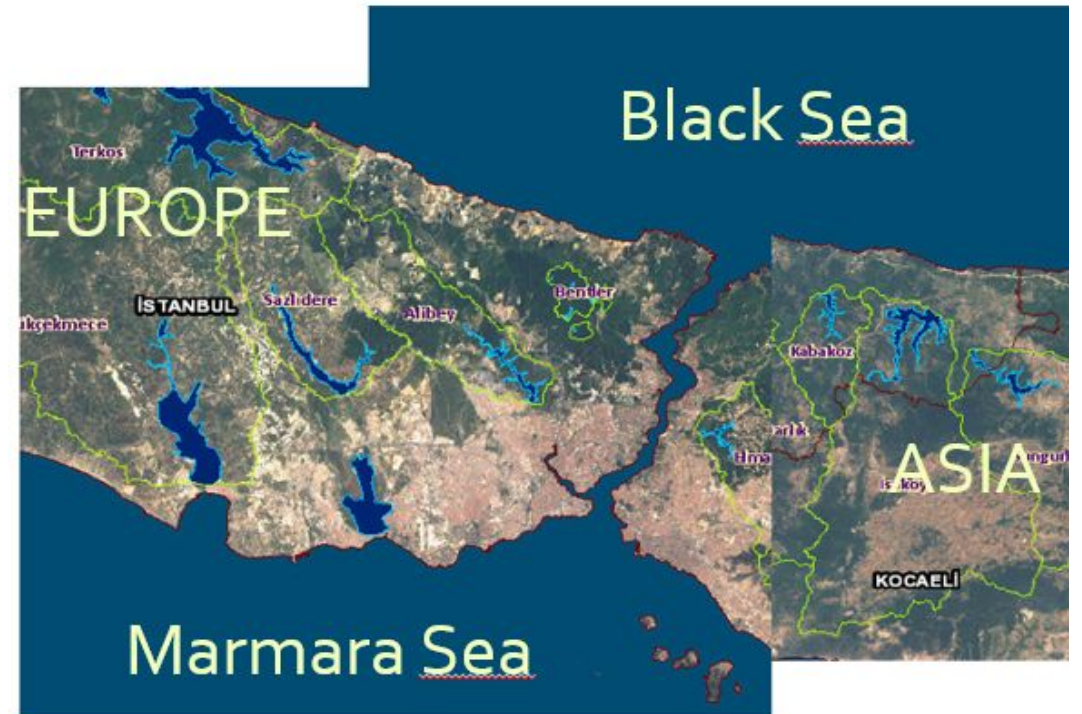
Dr. Ahmet Mete Saatci

*Senior Professional Officer , Water and Sanitation
Directorate*

City of Istanbul

İSTANBUL'S WATER SUPPLY Challenges and Solutions

- Bringing water from a basin 185 km away,
- Solving the pollution of a major drinking water reservoir.



WEBINAR SERIES

CitiesWithWater

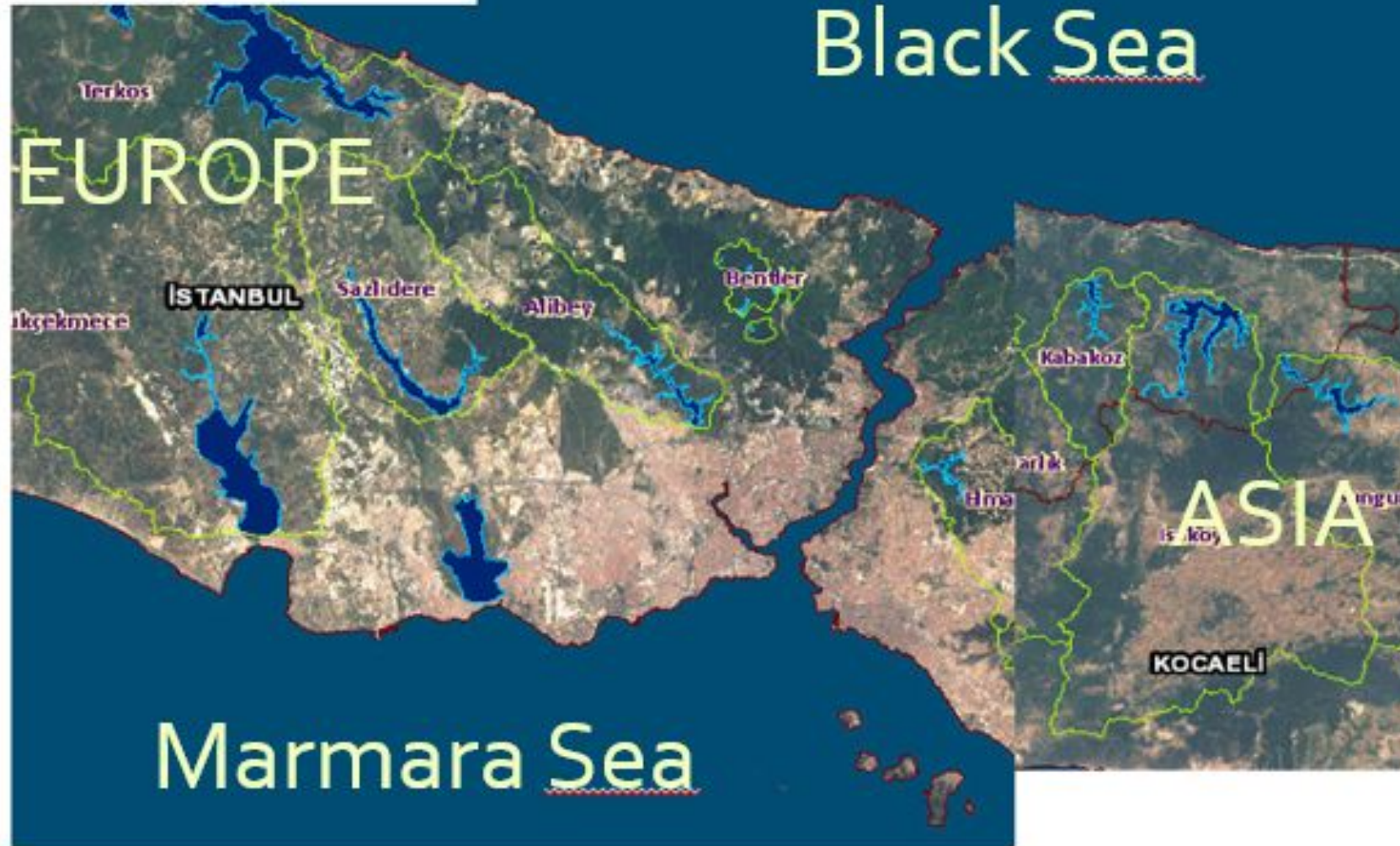
TOO DIRTY



TÜRKİYE ON TWO CONTINENTS

WEBINAR

TOO DIRTY



İSTANBUL CITY: WATER RESERVOIRS

WEBINAR SERIES

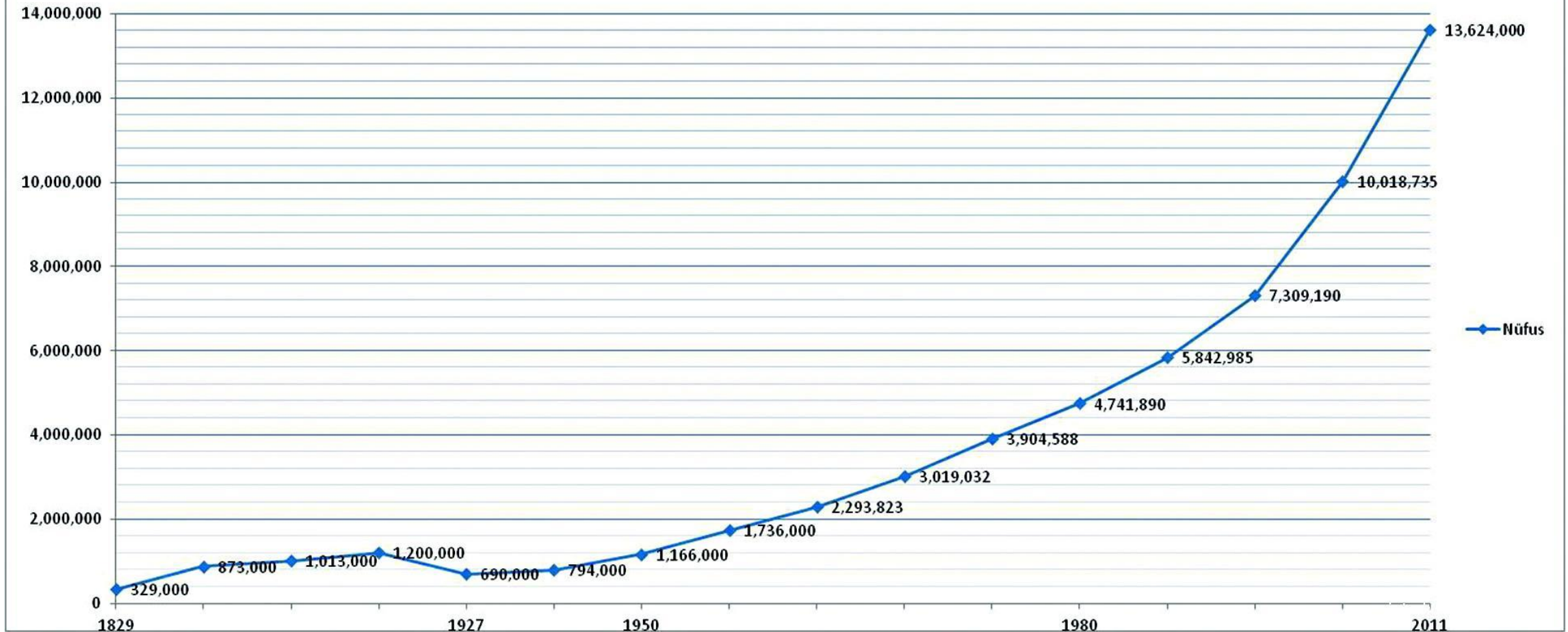
CitiesWithWater

TOO DIRTY



Three Bridges Connecting Europe and Asia

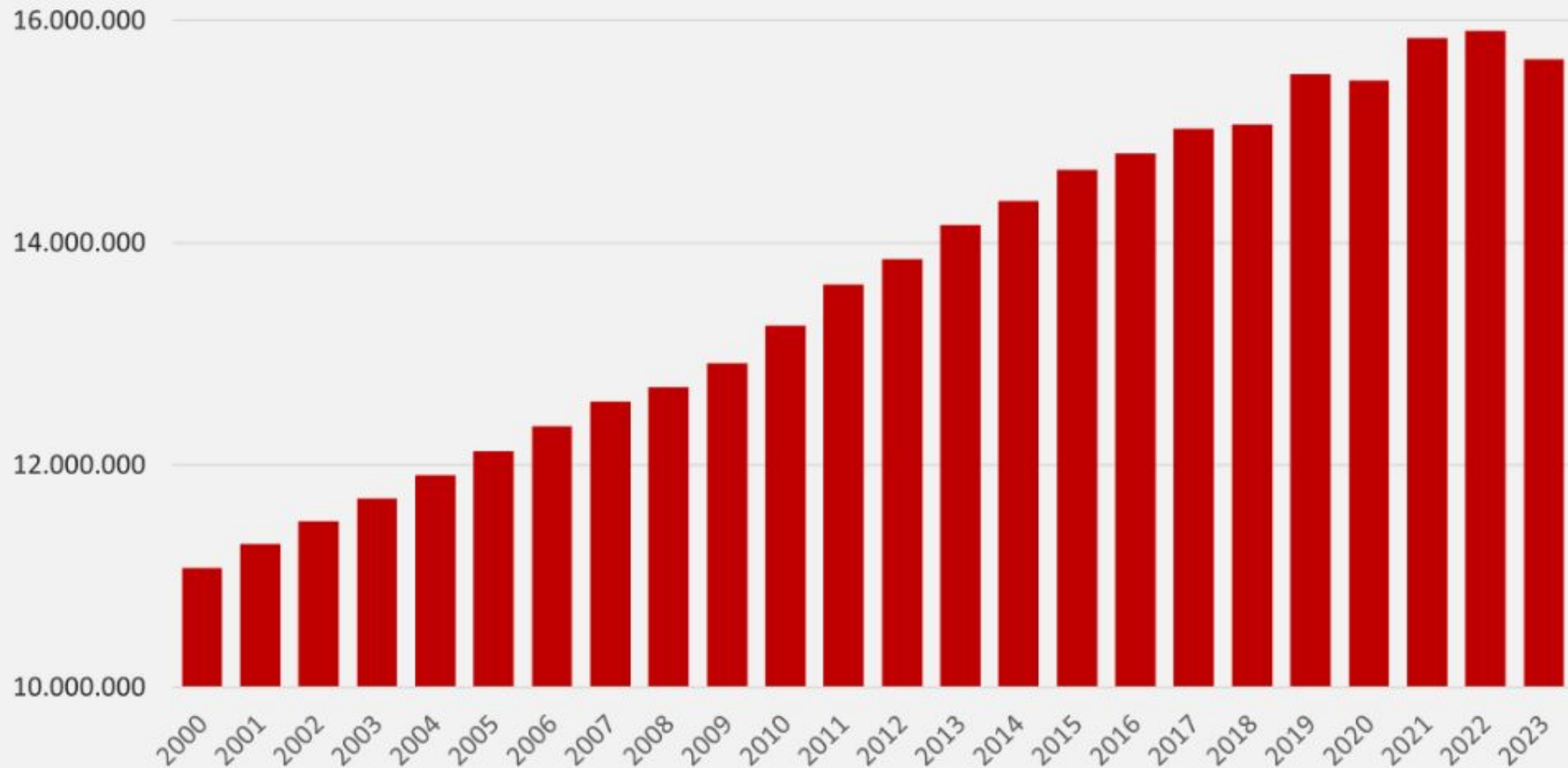
İstanbul Nüfusu: 1829-2011



WEBINAR SERIES

CitiesWithWater

TOO DIRTY



POPULATION OF ISTANBUL 2000 - 2023



WEBINAR SERIES

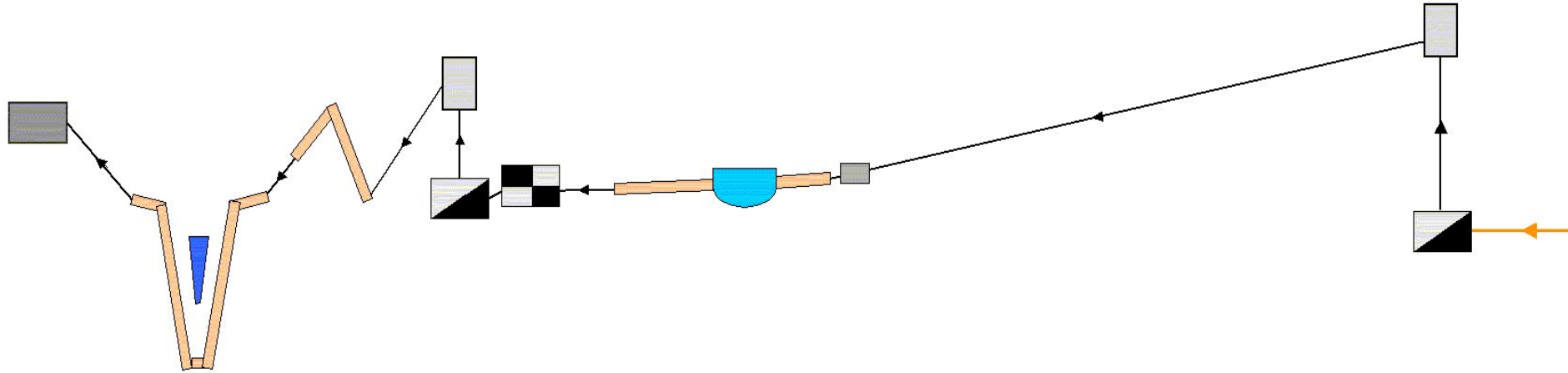
CitiesWithWater

TOO DIRTY

. Future Water Supply of İstanbul: MELEN Project: Interbasin Water Transfer

WEBINAR SERIES **CitiesWithWater**

TOO DIRTY



MELEN PROJECT

WEBINAR SERIES

CitiesWithWater

TOO DIRTY

Tarabya

Beykoz

Boğaziçi

Soft

Tunnel

140 mt

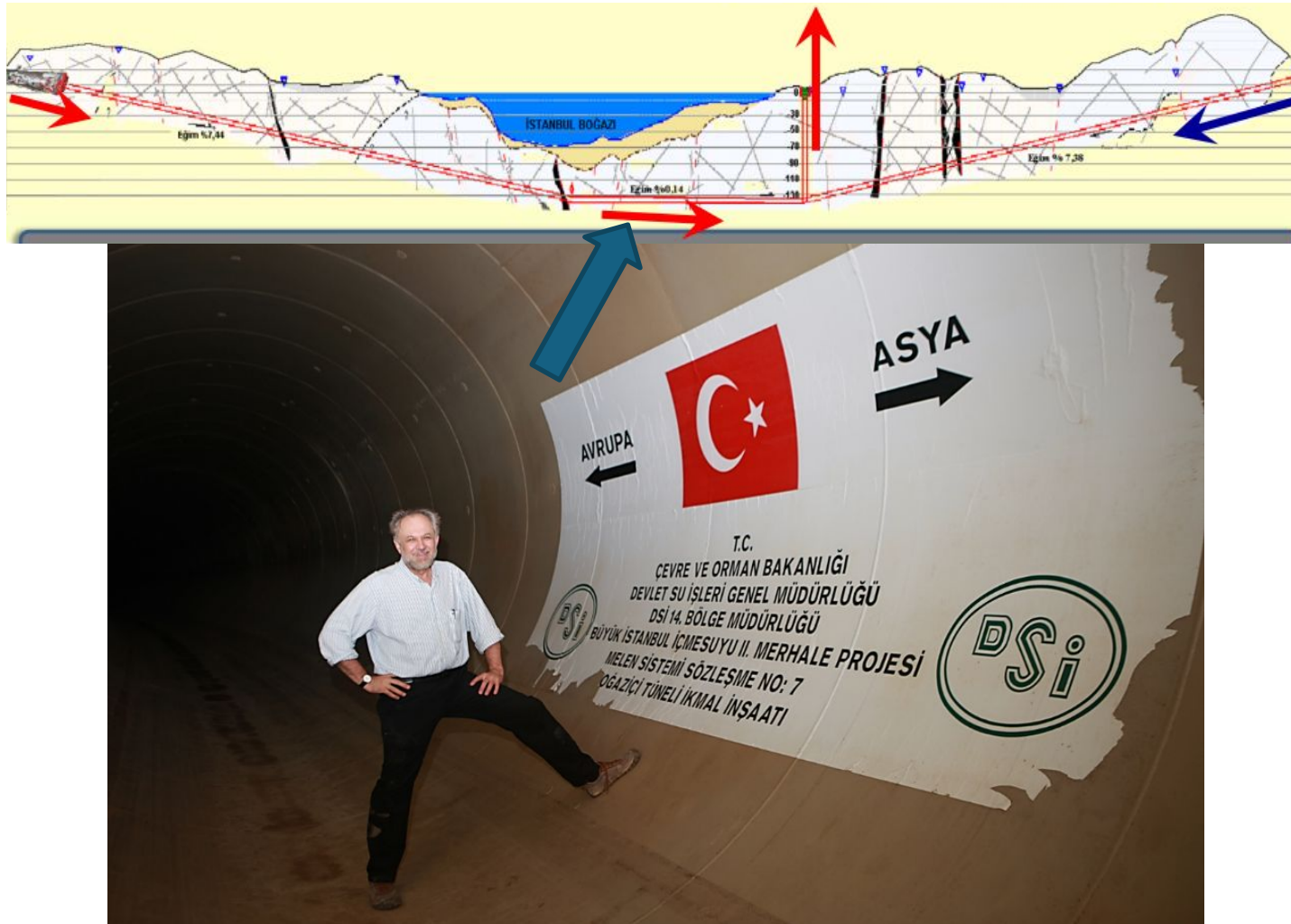


Diameter 14.6 m, length 135 m

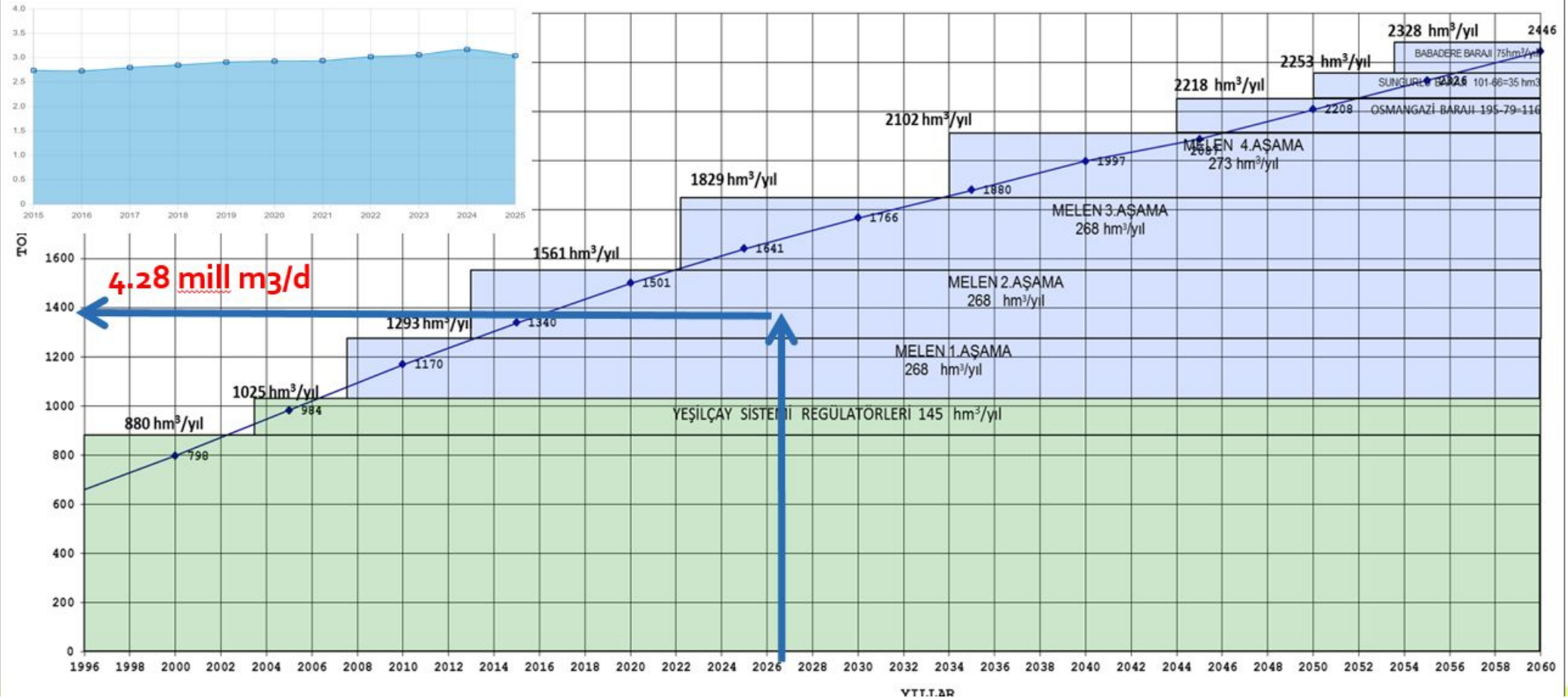
WEBINAR SERIES

CitiesWithWater

TOO DIRTY



Bosphorus Tunnel: Water transfer from Asian side, to the



WEBINAR SERIES

CitiesWithWater

TOO DIRTY

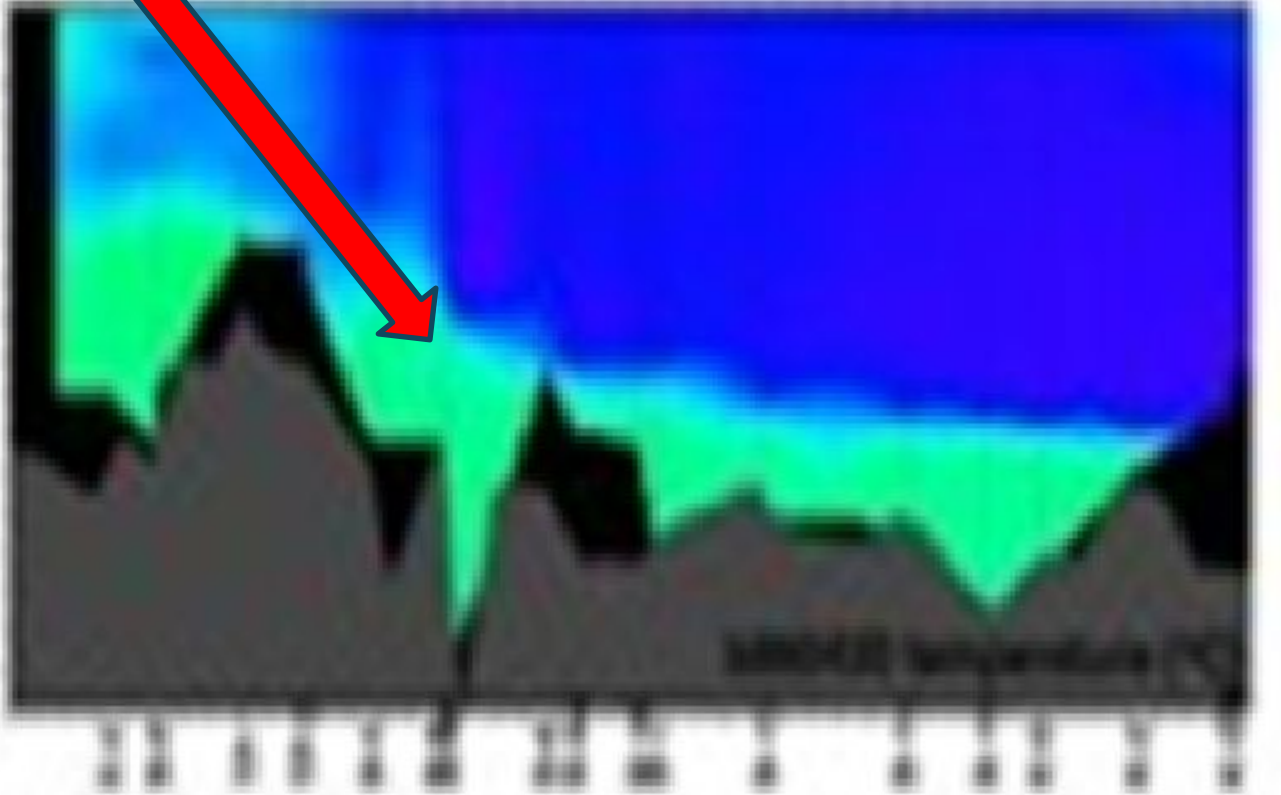


ISTANBUL WASTEWATER TREATMENT PLANTS

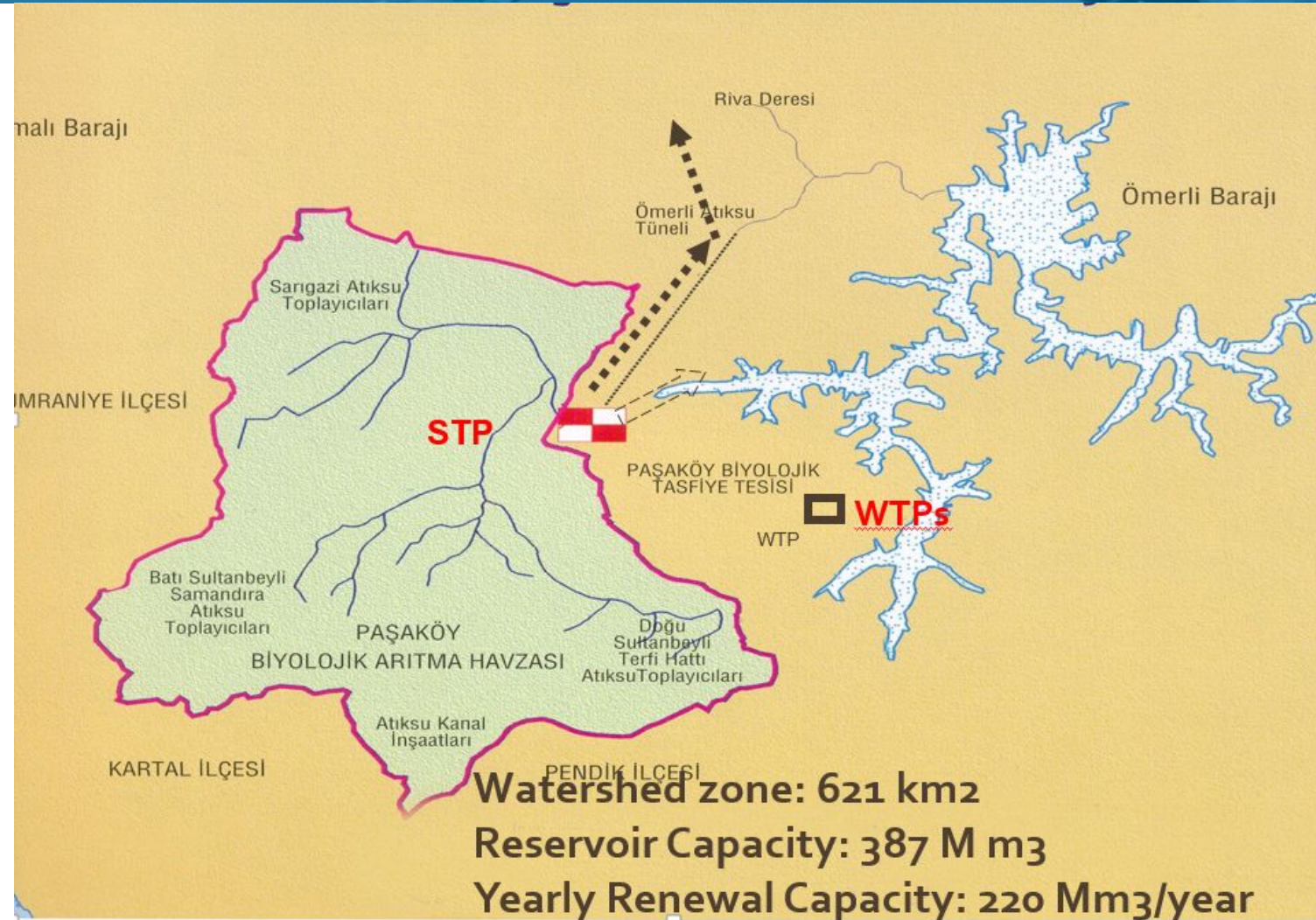
WEBINAR SERIES

CitiesWithWater

TOO DIRTY



DEEP SEA DISCHARGES INTO THE BOSPHOROUS



WEBINAR SERIES

CitiesWithWater

TOO DIRTY



ILLEGAL SETTLEMENTS IN THE WATER SHED ZONE

WEBINAR SERIES

CitiesWithWater

TOO DIRTY



SHANTY TOWNS IN THE PROTECTION ZONES

WEBINAR SERIES

CitiesWithWater

TOO DIRTY



DEMOLITIONS

WEBINAR SERIES

CitiesWithWater

TOO DIRTY



AA

DEMOLITIONS

WEBINAR SERIES

CitiesWithWater

TOO DIRTY



NEW CONSTRUCTIONS

WEBINAR SERIES

CitiesWithWater

TOO DIRTY



NEW CONSTRUCTIONS

WEBINAR SERIES

CitiesWithWater

TOO DIRTY

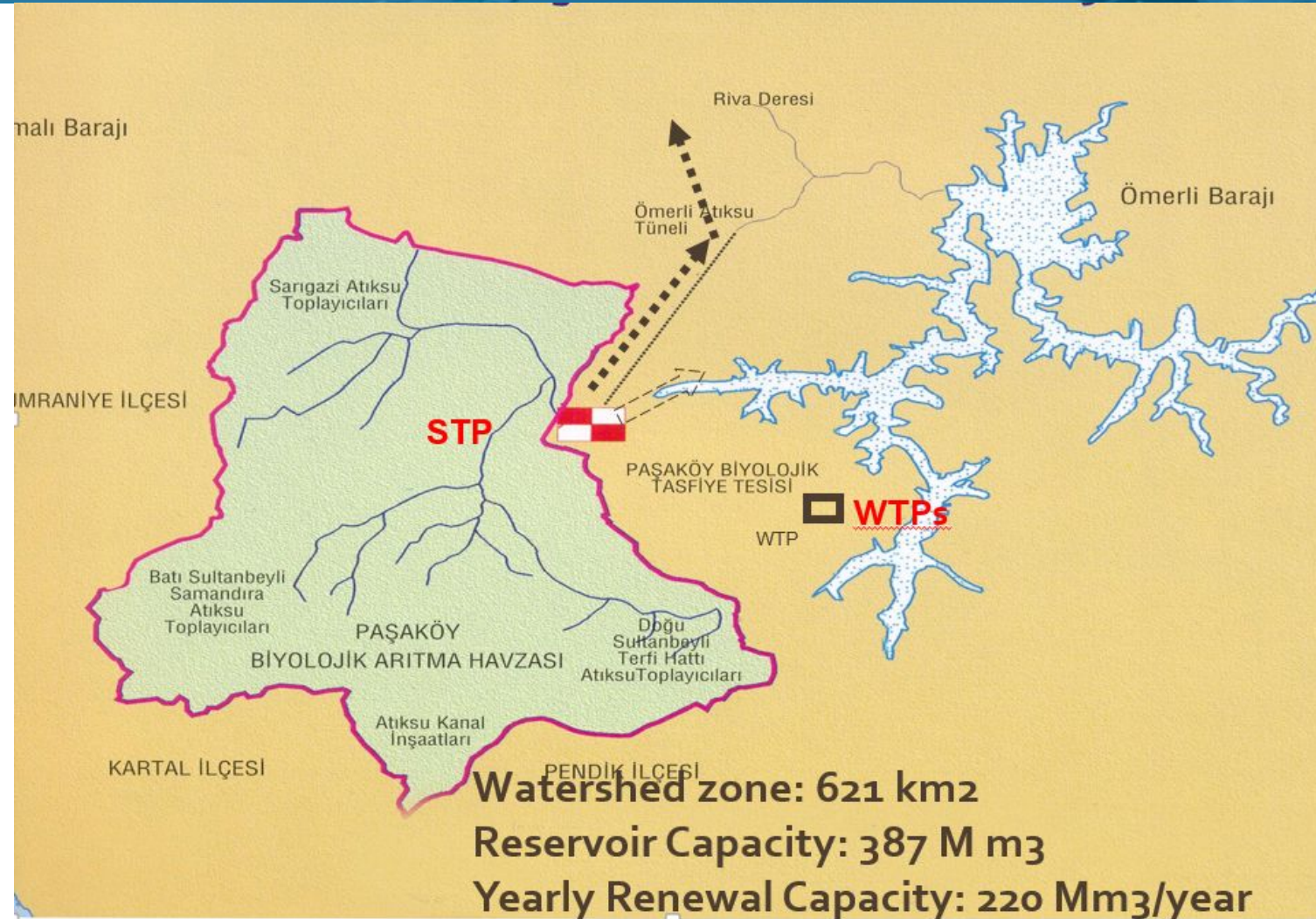


NEW CONSTRUCTIONS

WEBINAR SERIES

CitiesWithWater

TOO DIRTY

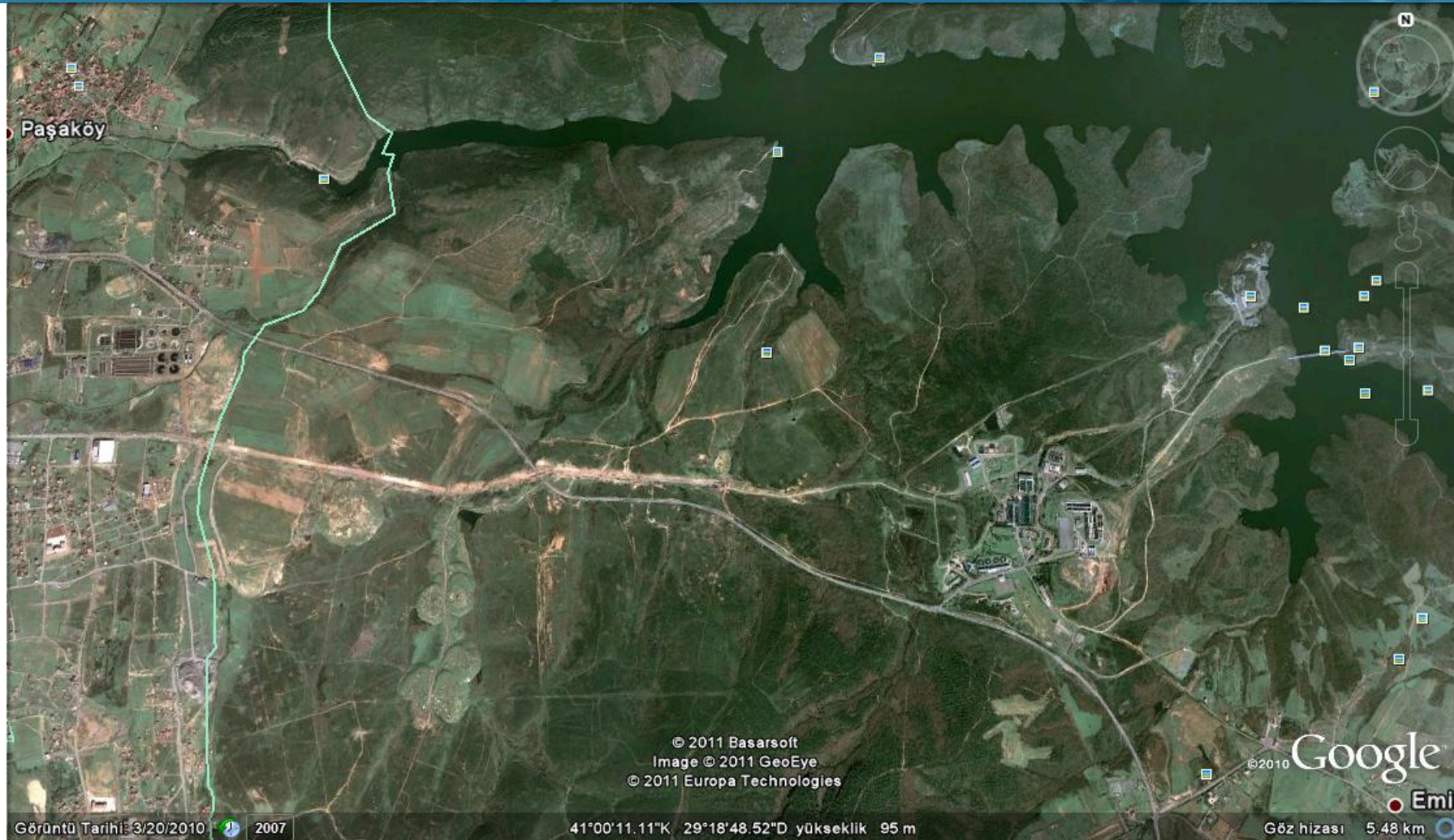


POLLUTION FROM ILLEGAL SETTLEMENTS

WEBINAR SERIES

CitiesWithWater

TOO DIRTY

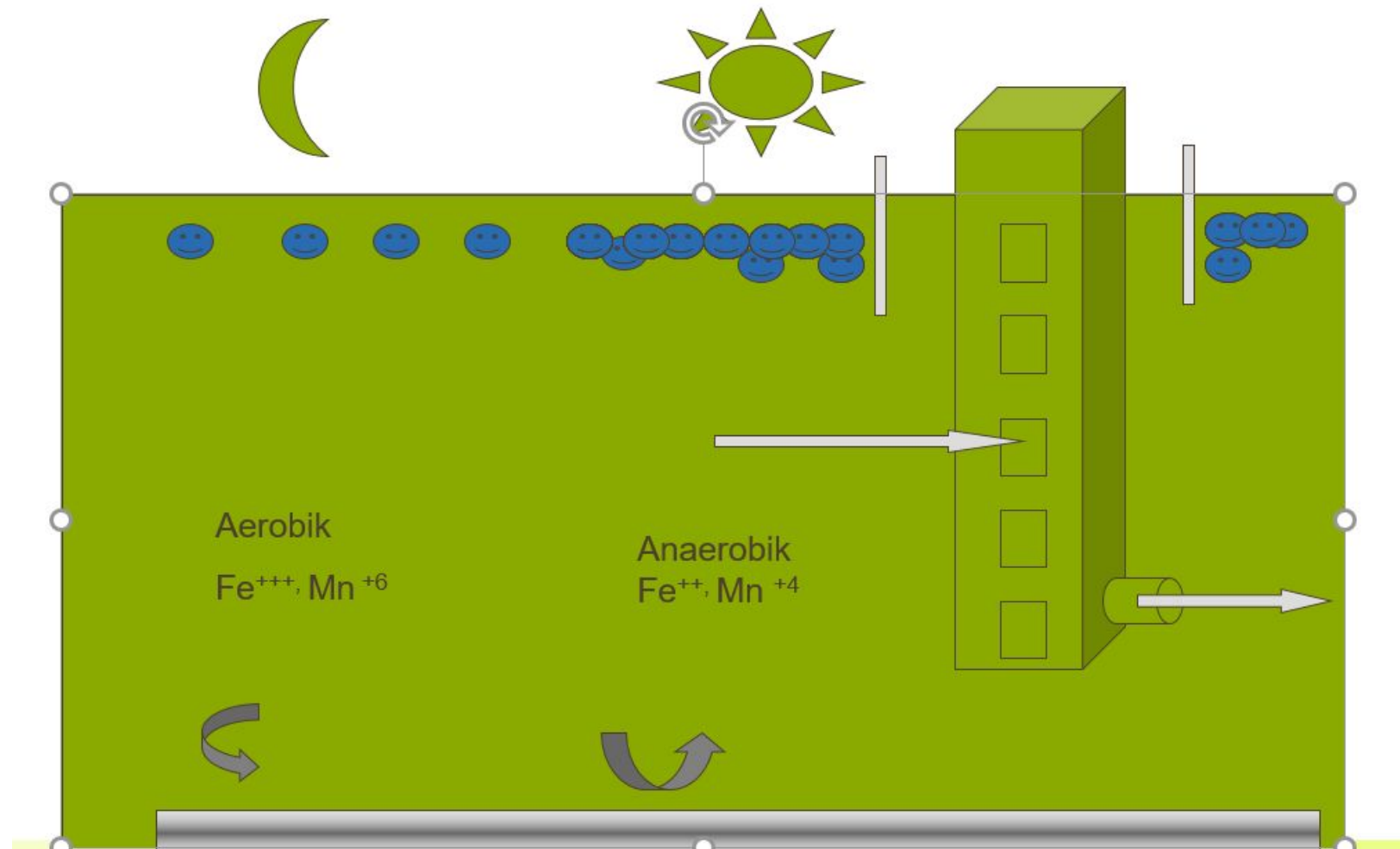


WATER & WASTEWATER TREATMENT PLANTS

WEBINAR SERIES

CitiesWithWater

TOO DIRTY

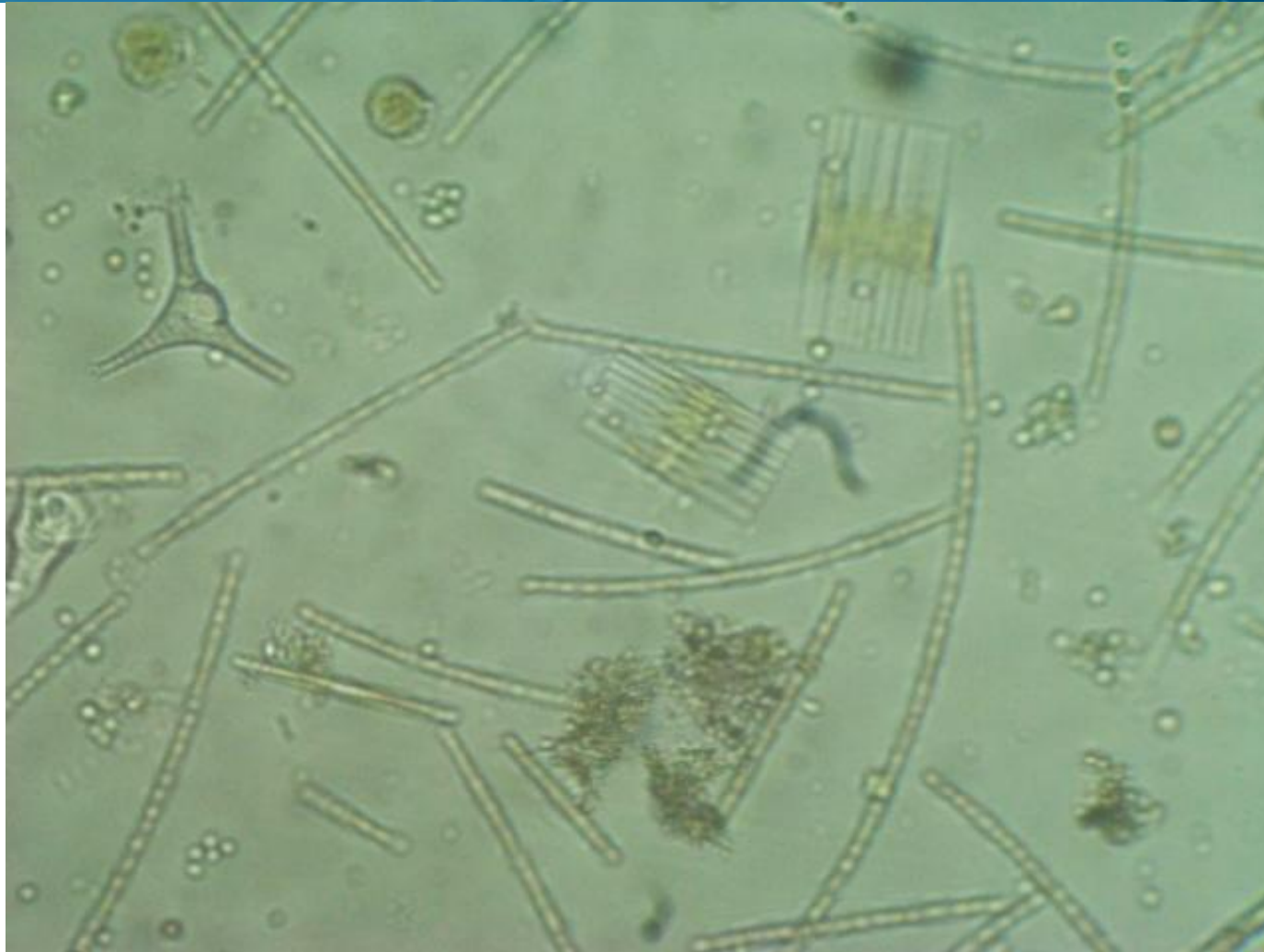


POLLUTION □ ALGAE GROWTH □ RED WATER PROBLEM

WEBINAR SERIES

CitiesWithWater

TOO DIRTY

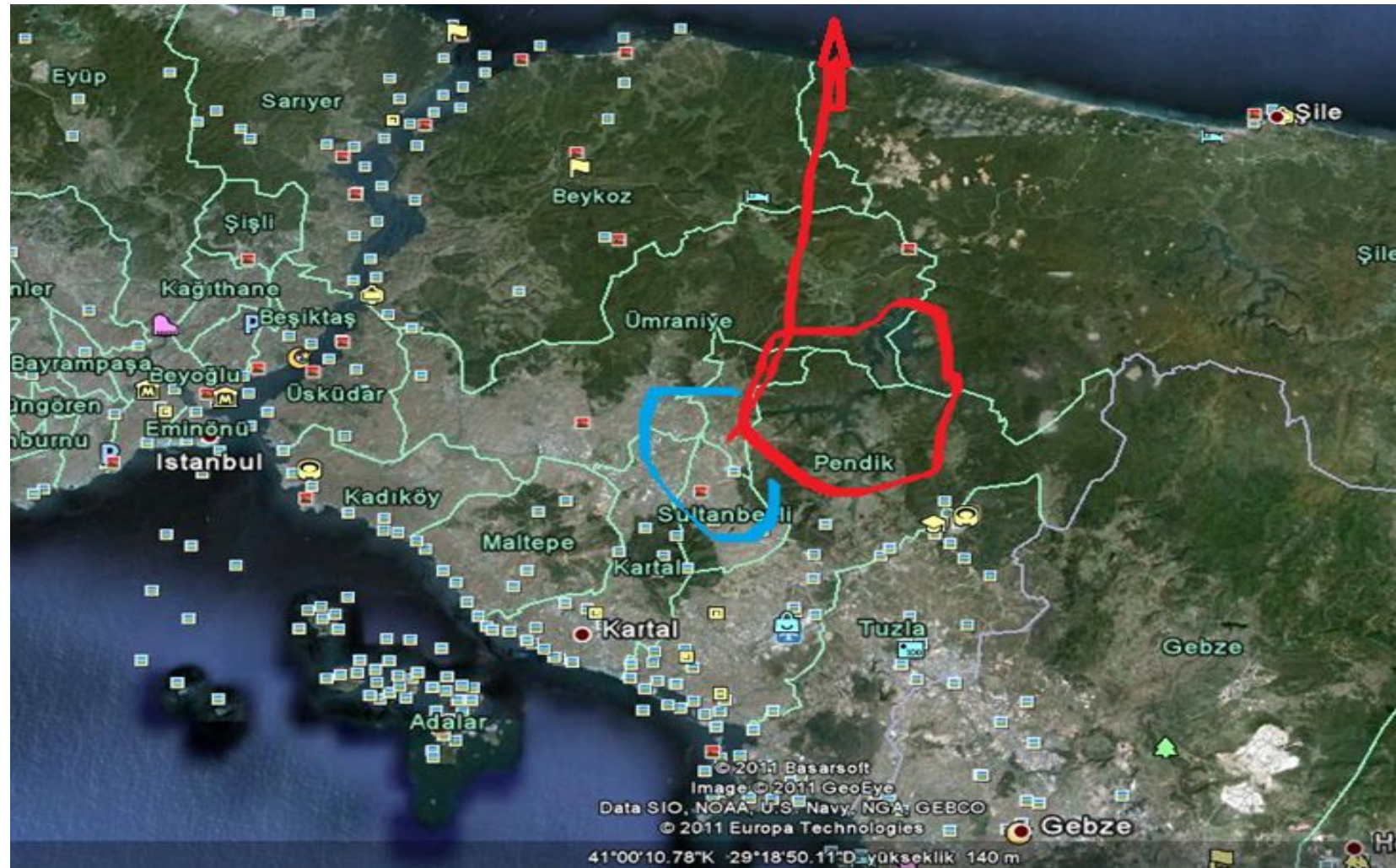


ALGAE

WEBINAR SERIES

CitiesWithWater

TOO DIRTY



WASTEWATER TREATMENT AND DISCHARGE TO THE BLACK SEA

WEBINAR SERIES

CitiesWithWater

TOO DIRTY



FIRST PAŞAKÖY WASTEWATER TREATMENT PLANT

WEBINAR SERIES

CitiesWithWater

TOO DIRTY



FIRST & SECOND PAŞAKÖY WASTEWATER TREATMENT PLANTS

WEBINAR SERIES

CitiesWithWater

TOO DIRTY



FIRST & SECOND PAŞAKÖY WASTEWATER TREATMENT PLANTS

WEBINAR SERIES

CitiesWithWater

TOO DIRTY



EFFLUENT FROM THE WWTP AFTER FILTRATION AND

WEBINAR SERIES

CitiesWithWater

TOO DIRTY



DISCHARGE TO THE RIVA CREEK AND TO THE BLACK SEA



WEBINAR SERIES

CitiesWithWater

TOO DIRTY

.THANK YOU