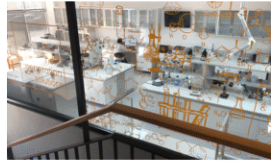
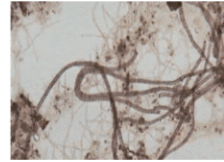


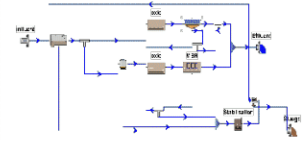
Process and
Operation
Consulting



LABORATORY
STUDIES
WASTEWATER
CHARACTER



MICROBIOLOGICAL
STUDIES
BACTERIA
OBSERVATION



MODELLING
DYNAMIC
SIMULATION
PROGRAM

ATECH PROSES



PROCESS & BUSINESS CONSULTANCY

ATECH Proses provides process & operation consultancy services to domestic and industrial wastewater treatment plants with its engineers experienced in wastewater treatment plant management.

With Process and Operation Consultancy, it is ensured that the facilities that can work more efficiently are operated in their real character.

How do we do it? Because each wastewater has its own character. We characterize the wastewater, model it and provide solutions.

POSSIBLE

Wastewater treatment plants can be operated with optimum operating costs while meeting the discharge criteria

FACILITY OPTIMIZATION STUDIES

Characterization study by analyzing wastewater samples in our own accredited laboratory we are doing.

We conduct an oxygen consumption rate experiment to see the inhibition effect of wastewater on bacteria and to extract bacterial kinetics.

We obtain the best sludge precipitation curves under optimum conditions by performing sludge precipitation rate tests on the wastewater samples taken.

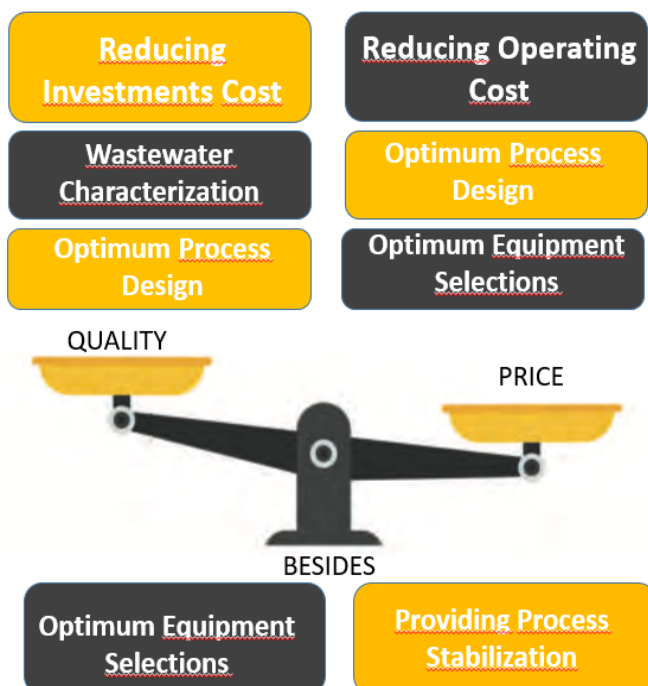
We model all these results in the international dynamic wastewater simulation program.

WHAT DOES IT DO ?

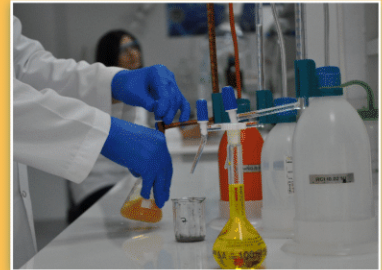
While the discharge criteria of the wastewater treatment plant are met, operating costs are optimized.

It is reported how to intervene in the treatment plant at peak flow rates and peak pollution loads. This ensures guaranteed discharge standards under all conditions.

It provides economic benefits with reduced operating costs.



WHAT ARE WE DOING?



- Characterization
- Oxygen Consumption Rate
- Precipitation Rate
- Bacteria Population
- Treatment plant
- Modelling