

*Some of Our Referances.*

**2012-2024**

*Our referances with a capacity **over** 100 m<sup>3</sup>/day*



|                            |  |
|----------------------------|--|
| <b>Name of Project</b>     | <b>: Kelkit-Köse-Kaş / GÜMÜŞHANE</b>   |
| <b>Application Place</b>   | <b>: Gumushane TURKEY</b>  |
| <b>Project Application</b> | <b>: Drinking Water Treatment Plant</b>  |
| Project Date               | : 2016-2017  |
| Project preparation time   | : 4 months   |
| Mounting time              | : 14 months  |
| Capacity                   | : 10800m <sup>3</sup> / day  |
| Project Units              | <ul style="list-style-type: none"><li>: Dobel pass Filtration</li><li>: Actif carbon filtration</li><li>: Floclant-Cougalant dosing system</li><li>: Water intake structure from Köse Dam</li><li>: Airation unit ( Denitrification)</li><li>: Gas chlorination 2kg / h capacity Final chlorination</li><li>: Gas chlorination 3kg / h capacity Pre-chlorination</li><li>: 35km pipe line /DN600-500-400-300</li><li>: 3000/1500/1000/500/300 / 100m<sup>3</sup> capacity clean water reservoir : PLC-SCADA Application</li><li>: 150kWh-Diesel generator</li><li>: 6 months plant operation</li></ul> |



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| <b>Name of the Project</b>  | <b>: Bafra Municipality (SAMSUN)</b>  |
| <b>Application Location</b> | <b>: Samsun, TURKEY</b>   |
| <b>Project Application</b>  | <b>: Drinking Water Treatment Plant</b>   |
| Project Date                | : 2008-2010   |
| Project preparation time    | : 18 months   |
| Mounting time               | : 14 months   |
| Capacity                    | : 55 000m <sup>3</sup> / day  |
| Project Units               | <ul style="list-style-type: none"><li>: Dobel pass Filtration</li><li>: Actif carbon filtration</li><li>: Floclant-Cougalant dosing system</li><li>: Water intake structure from Kızılırmak</li><li>: Airation unit</li><li>: Revrese Osmosis system.</li><li>: Gas chlorination 2kg / h capacity Final chlorination</li><li>: Gas chlorination 3kg / h capacity Pre-chlorination</li><li>: PLC-SCADA Application</li><li>: 250kWh-Diesel Genertor</li><li>: 6 months plant operation</li></ul> |



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| <b>Name of the Project</b>  | <b>: 19 May Municipality</b>                           |
| <b>Application Location</b> | <b>: Samsun, TURKEY</b>                                |
| <b>Project Application</b>  | <b>: Drinking Water Treatment Plant</b>                |
| Project Date                | : 2009-2010  |
| Project preparation time    | : 11 months  |
| Mounting time               | : 9 months   |
| Capacity                    | : 13 000m <sup>3</sup> / day                           |
| Project staff               |  |
|                             | : Dobel pass Filtration                                |
|                             | : Actif carbon filtration                              |
|                             | : Floclant-Cougalant dosing system                     |
|                             | : Water intake structure from Kızılırmak               |
|                             | : Full Automatic Water Softening System                |
|                             | : Gas chlorination 1kg / h capacity Final chlorination |
|                             | : Gas chlorination 1kg / h capacity Pre-chlorination   |
|                             | : PLC-SCADA Application                                |
|                             | : 3 months plant operation                             |



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|----------------------------|---|
| <b>Name of Project</b>     | <b>: Mustafa Kemal Paşa Municipal</b>                                       |
| <b>Application Place</b>   | <b>: Bursa-TURKEY</b>   |
| <b>Project Application</b> | <b>: Drinking Water Treatment Plant</b>                                     |
| Project Date               | : 2011-2012   |
| Project preparation time   | : 4 months  |
| Mounting time              | : 9 months  |
| Capacity                   | : 72 000m <sup>3</sup> / day  |
| <b>Project Units</b>       |   |
|                            | : Dobel pass Filtration   |
|                            | : Floclant-Cougalant dosing system  |
|                            | : Water intake structure from Köse Dam                                      |
|                            | : Gas chlorination 2kg / h capacity Final chlorination                      |
|                            | : Gas chlorination 3kg / h capacity Pre-chlorination                        |
|                            | : 12 Branch control control   |
|                            | : 3000/1500/1000/500/300 / 100m <sup>3</sup> capacity clean water reservoir |
|                            | : PLC-SCADA Application   |
|                            | : 6 months plant operation  |



**Name of Project** : Arhavi / ARTVİN  
**Application Place** : Artvin TURKEY  
**Project Application** : Drinking Water Treatment Plant  
Project Date : 2012-2013  
Project preparation time : 4 months  
Mounting time : 14 months  
Capacity : 10800m<sup>3</sup> / day  
**Project Units**

: Dobel pass Filtration  
: Actif carbon filtration  
: Floclant-Cougalant dosing system  
: Water intake structure from Köse Dam  
: Ventilation unit  
: Gas chlorination 2kg / h capacity Final chlorination  
: Gas chlorination 3kg / h capacity Pre-chlorination  
: Pipe Line 6500km  
: 3000 capacity clean water reservoir  
: PLC-SCADA Application  
: 150kWh-Diesel Generator  
: 6 months plant operation



**Name of Project** : Pazar/ RIZE  
**Application Place** : RIZE-TURKEY  
**Project Application** : Drinking Water Treatment Plant  
Project Date : 2012-2013  
Project preparation time : 3 months  
Mounting time : 10 months  
Capacity : 6912m<sup>3</sup> / day  
**Project Units**

: Dobel pass Filtration  
: Actif carbon filtration  
: Floclant-Cougalant dosing system  
: Water intake structure from Tomas river  
: Gas chlorination 1kg / h capacity Final chlorination  
: Gas chlorination 2kg / h capacity Pre-chlorination  
: 5 Branch control control  
: 1500/1000 m<sup>3</sup> capacity clean water reservoir  
: PLC-SCADA Application  
: 150kWh-Diesel Generator  
: 6 months plant operation



|                                   |  |
|-----------------------------------|--|
| <b>Project Name</b>               | <b>: Rize MUNICIPALITY WASTEWATER TREATMENT PLANT</b>  |
| <b>Place of application</b>       | <b>: Rize -TURKEY</b>  |
| <b>Application of the Project</b> | <b>: Industrial Wastewater Treatment</b>   |
| Project Date                      | : 2015-2016  |
| Project preparation time          | : 3 months   |
| Mounting time                     | : 11 months  |
| Capacity                          | : 90 000m <sup>3</sup> / day   |
| Project Units                     | : 90 000 m <sup>3</sup> / day Industrial wastewater treatment<br>: Scrubber and odor control<br>: PLC-SCADA Application<br>: 1 month plant operation |



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|----------------------------|--|
| <b>Name of Project</b>     | <b>: Tekkiraz</b>  |
| <b>Application Place</b>   | <b>: Ordu -TURKEY</b>  |
| <b>Project Application</b> | <b>: Drinking Water Treatment Plant</b>  |
| Project Date               | : 2015-2016  |
| Project preparation time   | : 3 months   |
| Mounting time              | : 10 months  |
| Capacity                   | : 12 528m <sup>3</sup> / day   |
| Project Units              | :Conventional Filtration system<br>: Floclant-Cougalant dosing system<br>: Ventilation unit<br>: Gas chlorination 3kg / h capacity Final chlorination<br>: Gas chlorination 3kg / h capacity Pre-chlorination<br>: 1500/1000 m <sup>3</sup> capacity clean water reservoir<br>: PLC-SCADA Application<br>: 150kWh-Diesel Generator<br>: 6 months plant operation |



|                                 |  |
|---------------------------------|--|
| <b>Name of Project</b>          | <b>:Köylere Hizmet Götürme Birliği Başkanlığı</b>  |
| <b>Application Place</b>        | <b>:Yalova</b>                                     |
| <b>Project Application</b>      | <b>:Yalova</b>                                     |
| <b>Project Date</b>             | <b>:2012-2015</b>                                  |
| <b>Project preparation time</b> | <b>:12 months</b>                                  |
| <b>Mounting time</b>            | <b>:12 months</b>                                  |
| <b>Capacity</b>                 | <b>:42 Villages drinking water Treatment plant</b> |

#### **Project Detail**

Maintenance and repair of drinking and utility water tanks belonging to 42 villages. Construction of roads for tanks without roads, placement of chlorination systems with residual chlorine analyzers at the inlets and outlets of tanks, placement of photodiode panels in tanks without electricity. Commissioning of the systems, operation for 1 year and delivery to authorized institutions.



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|---------------------------------|---|
| <b>Name of Project</b>          | <b>: Şefaatli</b>                       |
| <b>Application Place</b>        | <b>: Yozgat -TURKEY</b>                 |
| <b>Project Application</b>      | <b>: Drinking Water Treatment Plant</b> |
| <b>Project Date</b>             | <b>: 2019-2021</b>                      |
| <b>Project preparation time</b> | <b>: 3 months</b>                       |
| <b>Mounting time</b>            | <b>: 18 months</b>                      |
| <b>Capacity</b>                 | <b>: 24 528m<sup>3</sup> / day</b>      |

#### **Project Units**

- : Pre-Chlorination System
- : Cascade Ventilation
- : Aluminum Sulfate -Polymer Dosing
- : Arsenic TREATMENT Filtration Unit
- : Sulfate TREATMENT REVERSE OSMOSIS Unit
- : Final Chlorination
- : 1000-1500-2000-500-600-450 m3 capacity reinforced concrete tanks
- : PLC-SCADA software and net work installation system
- : 150-100-25-25kWh-Diesel generator and ENH
- : 12 operating period



**Name of Project** : Hemşin  
**Application Place** : Rize -TURKEY  
**Project Application** : Drinking Water Treatment Plant  
**Project Date** : 2021-2021  
**Project preparation time** : 2 months  
**Mounting time** : 8 months  
**Capacity** : 1100m<sup>3</sup> / day

**Project Units**

: Pre-Chlorination System  
: Cascade Ventilation  
: Aluminum Sulphate-Polymer Dosing  
: Conmodular Filtration Unit  
: Color, Turbidity Treatment Filtration Unit  
: Final Chlorination  
: 1000-500-450 m3 capacity reinforced concrete tanks  
: PLC-SCADA software and net work installation system  
: 150-kWh-Diesel generator and ENH  
: 12-term operation



**Name of Project** : Piraziz  
**Application Place** : Giresun -TURKEY  
**Project Application** : Drinking Water Treatment Plant  
**Project Date** : 2019-2021  
**Project preparation time** : 6 months  
**Mounting time** : 17months  
**Capacity** : 11000m<sup>3</sup> / day

**Project Units**

: Forced Ventilation  
: Aluminum Sulphate -Polymer Dosing  
: Arsenic TREATMENT Filtration Unit  
: Color, Odor, Taste Treatment Units  
: Final Chlorination System  
: 1500-500-600 m3 capacity reinforced concrete tanks  
: PLC-SCADA software and net work installation system  
: 150-100-kWh-Diesel generator and ENH  
: 12 Period operation



|                            |   |
|----------------------------|---|
| <b>Name of Project</b>     | <b>: Sağlık /AKSARAY</b>                                      |
| <b>Application Place</b>   | <b>: AKSARAY-TURKEY</b>                                       |
| <b>Project Application</b> | <b>: Drinking Water Treatment Plant</b>                       |
| Project Date               | : 2021  |
| Project preparation time   | : 1 months  |
| Mounting time              | : 5 months  |
| Capacity                   | : 1036m <sup>3</sup> / day                                    |
| <b>Project Units</b>       | <b>: Dobel pass Filtration REMOVAL ARSENIC</b>                |
|                            | <b>: Actif carbon filtration</b>                              |
|                            | <b>: Floclant-Cougalant dosing system</b>                     |
|                            | <b>: Water intake structure from Well water</b>               |
|                            | <b>: chlorination 1kg / h capacity Final chlorination</b>     |
|                            | <b>: chlorination 2kg / h capacity Pre-chlorination</b>       |
|                            | <b>: 5 Branch control control</b>                             |
|                            | <b>: 700/200 m<sup>3</sup> capacity clean water reservoir</b> |
|                            | <b>: PLC-SCADA Application</b>                                |
|                            | <b>: 150kWh-Diesel Generator</b>                              |
|                            | <b>: 12 months plant operation</b>                            |



|                          |  |
|--------------------------|--|
| Name of Project          | :Niksar Drinking Water Treatment Plant |
| Application Place        | :Niksar /TOKAT                         |
| Project Application      | :Drinking Water Treatment Plant        |
| Project Date             | .2022-2023                             |
| Project preparation time | :2 months                              |
| Mounting time            | :4 months                              |
| Capacity                 | :Gas chlorine systems 0.5-5kgs/h       |
| Project Units            | .7 pcs Gas chlorination systems        |



|                                 |   |
|---------------------------------|---|
| <b>Name of Project</b>          | <b>: İKİZCE</b>   |
| <b>Application Place</b>        | <b>: Ordu -TURKEY</b>   |
| <b>Project Application</b>      | <b>: Drinking Water Treatment Plant</b>                         |
| <b>Project Date</b>             | <b>: 2015-2016</b>  |
| <b>Project preparation time</b> | <b>: 3 months</b>   |
| <b>Mounting time</b>            | <b>: 10 months</b>  |
| <b>Capacity</b>                 | <b>: 12 528m<sup>3</sup> / day</b>                              |
| <b>Project Units</b>            | <b>:Convenional Filtration system</b>                           |
|                                 | <b>: Floclant-Cougalant dosing system</b>                       |
|                                 | <b>: Ventilation unit</b>                                       |
|                                 | <b>: Gas chlorination 3kg / h capacity Final chlorination</b>   |
|                                 | <b>: Gas chlorination 3kg / h capacity Pre-chlorination</b>     |
|                                 | <b>: 1500/1000 m<sup>3</sup> capacity clean water reservoir</b> |
|                                 | <b>: PLC-SCADA Application</b>                                  |
|                                 | <b>: 150kWh-Diesel Generator</b>                                |
|                                 | <b>: 6 months plant operation</b>                               |



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|--------------------------|--|
| Project Name             | :Yeşilova Municipality Wastewater Treatment Plant  |
| Location                 | :Yeşilova / BURDUR   |
| Project Type             | :Wastewater Treatment Plant  |
| Project Date             | :2023-2024   |
| Project Preparation Time | :6 months  |
| Installation Time        | :10 months   |
| Capacity                 | :1100 m3/day   |
| Project Units            | : Wastewater Pumping Station<br>: Coarse Screen<br>:Compact Screen -Degreasing Unit<br>:Advanced Biological Treatment<br>:3600m3 Capacity Purified Water Tank<br>:Sodium Hypochlorite Dosing Unit<br>:6500mt Channel and Network<br>:11lt/s Cap. Package Pump. and Energy Trans Line -25kWh Generator<br>:8lt/s Cap. Package Pump. and Energy Trans Line -25kWh Generator<br>:PLC-SCADA software and net work installation system<br>: 150kWh-Diesel generator and 6km Power Transmission Line<br>: 12 Months Operation Period |



|                            |  |
|----------------------------|--|
| Project Name               | : Gumushacıköy Municipality Wastewater Treatment Plant   |
| Location                   | : Gumushacıköy / BURDUR  |
| Project Type               | : Wastewater Treatment Plant   |
| Project Date               | : 2023-2024  |
| Project Preparation Period | : 11 months  |
| Installation Period        | : 15 months  |
| Capacity                   | : 11000 m3 / day   |
| Project Units              | : Wastewater Pumping Station<br>: Coarse Screen<br>: Fine Screen - Degreasing Unit<br>: Biological Treatment<br>: 1000m3 Capacity Purified Water Tank<br>: Sodium Hypochlorite Dosing Unit<br>: 16800mt Channel and Network<br>: PLC-SCADA software and net work installation system<br>: 650kWh-Diesel generator<br>: 4 km Energy Transmission Line<br>: 12 Months Operation Period |



#### ÖZBEY KIYMETLİ MADENLER

Project Name : Özbey Değerli Metal A.Ş Wastewater Treatment Plant  
Location : Haramidere / ISTANBUL  
Project Type : Wastewater Treatment Plant  
Project Date : 2023-2024  
Project Preparation Period : 4 months  
Installation Period : 5 months  
Capacity : 110 m3 / day  
Project Units : 25 000mg / l KOI, 1.2PH, 3000mg / l AKM, wastewater released as a result of the Gold Refinery. subjected to Dobel pass industrial wastewater treatment plant and brought to İ.S.K.İ standards and discharged, acid gases collected and washed in Scrubber and discarded, floor. PPH coating works, Ultra pure water treatment plant, wastewater collection. conical silos and sludge drying system installation training put into operation. import process : PLC-SCADA software and net work installation system.



Project Name : Swiss Hotel-Bodrum Wastewater Treatment Plant  
Location : Uludağ / BURSA  
Project Type : Wastewater Treatment Plant  
Project Date : 2023-2024  
Project Preparation Time : 3 months  
Installation Time : 3 months  
Capacity : 200m3/day  
Project Units : As a result of the pre-treatment processes of different character . wastewater coming from laundry, dining halls and rooms, homogenized and purified with active sludge system and brought to the standards of the receiving environment, 100% of the purified water is used in lawn irrigation. The project is turnkey with its design and applications including project approval file.  
: PLC-SCADA software and net work installation system installation 30 days operation training included delivery.



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|----------------------------|---|
| Project Name               | : VOUGE Hotel-Bodrum Wastewater Treatment Plant   |
| Location                   | : Bodrum / MUĞLA  |
| Project Type               | : Wastewater Treatment Plant  |
| Project Date               | : 2023-2024   |
| Project Preparation Period | : 6 months  |
| Installation Period        | : 10 months   |
| Capacity                   | : 3000 m3/day   |
| Project Units              | : As a result of the pre-treatment processes of different character .<br>wastewater coming from laundry, dining halls and rooms, .<br>homogenized and purified with active sludge system and brought to<br>the standards of the receiving environment, 100% of the purified<br>water is used in lawn irrigation. The project is turnkey with its design<br>and applications including project approval file.<br>: PLC-SCADA software and net work installation system installation 30<br>days operation training included delivery. |



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|----------------------------|--|
| Project Name               | : The Arkin Iskele Wastewater Treatment Plant  |
| Location                   | : Iskele / K.K.T.C   |
| Project Type               | : Wastewater Treatment Plant   |
| Project Date               | : 2023-2024  |
| Project Preparation Period | : 6 months   |
| Installation Period        | : 70 months  |
| Capacity                   | : 1000 m3/day  |
| Project Units              | : As a result of the pre-treatment processes of different character<br>wastewater coming from laundry, dining halls and rooms,<br>homogenized and purified with active sludge system and brought to<br>the standards of the receiving environment, 100% of the purified<br>water is used in lawn irrigation. The project is turnkey with its design<br>and applications including project approval file<br>: PLC-SCADA software and net work installation system installation 30<br>days operation training included delivery. |



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| Project Name               | :Garowe Port Drinking Water Treatment Plant   |
| Location                   | :Garowe / SOMALIA                             |
| Project Type               | :Drinking Water Treatment Plant               |
| Project Date               | :2022-2023                                    |
| Project Preparation Period | :3 months                                     |
| Installation Period        | :1 month                                      |
| Capacity                   | :500 m3/day                                   |
| Project Units              | :Pre-Chlorination System                      |
|                            | :Raw Water Storage Tank 20000L                |
|                            | :Raw Water Feed Pump Station                  |
|                            | :Pre-Filtration Group                         |
|                            | :Precision Filtration Group                   |
|                            | :Sea Water RO Unit                            |
|                            | :Dolomit Filter Group                         |
|                            | :Raw Water Storage Tank 20 000L               |
|                            | :Treated Water Feed Hydrophore Group          |
|                            | :UV Sterilizer Microbiological Treatment Unit |
|                            | :Scada Automation Sytems                      |

