

ENVIRONMENTAL INFORMATION SARBAK METAL



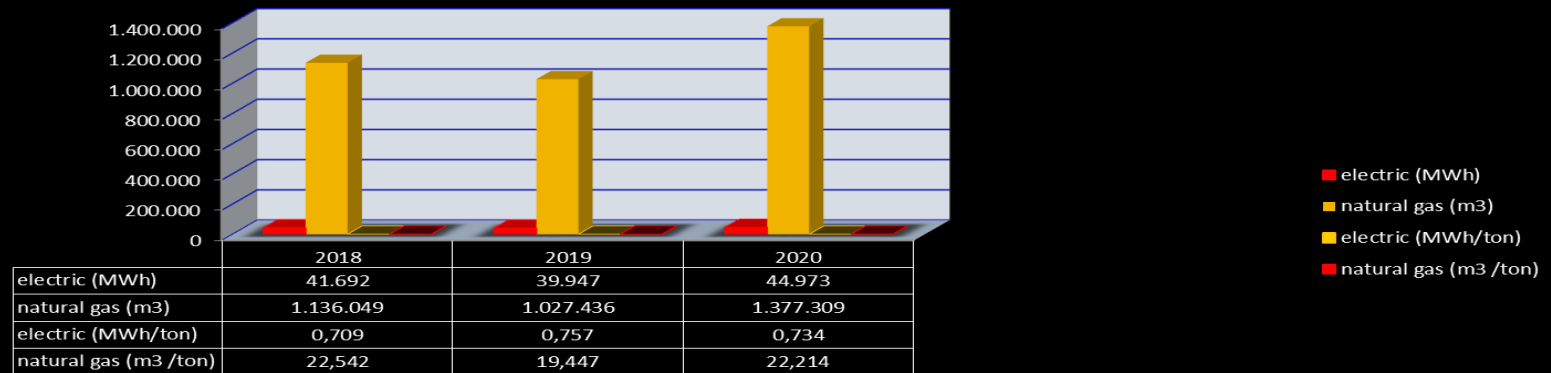
ENERGY

The manufacture of semi-finished brass products is very energy-intensive. Electric power is mainly used for the inductive melting furnace in the foundry. Natural gas is mainly used for the heating mould, power of stress relieving annealing furnace and chips drying machine. We always work for reduce the energy level. By appropriate process control and the best-possible planning of the production processes, taking into account energy-saving aspects as well as the optimization of energy-intensive consumer loads, the consumption should be continuously reduced.

Heat is supplied by a natural gas fired hot water boiler system.

We follow our energy consumption data for many years and registration this data.

2018-2020 ELECTRIC AND NATURAL GAS CONSUMPTION DATA

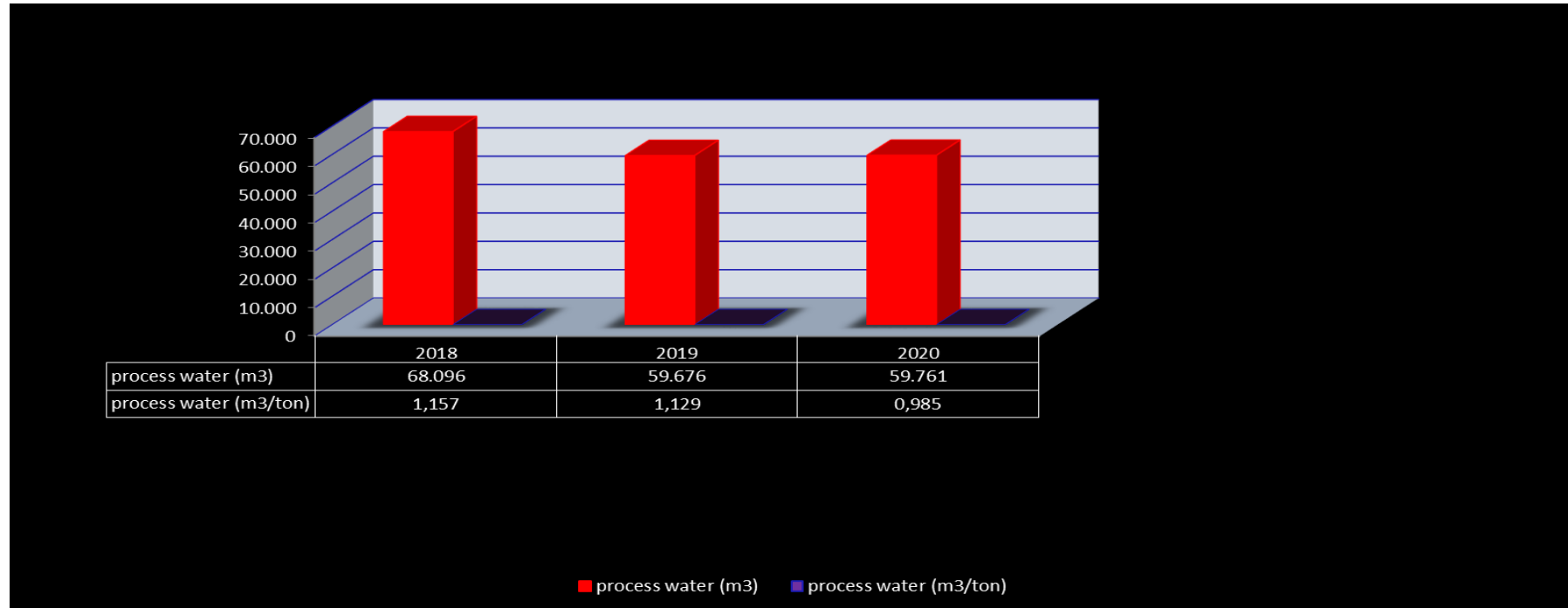


WATER

Process water is supplied from Industrial Free Zone' s underground water source. Our drinking water were obtained by purification underground water until the beginning of 2011. We purchase the drinking water from supplier since 2011.

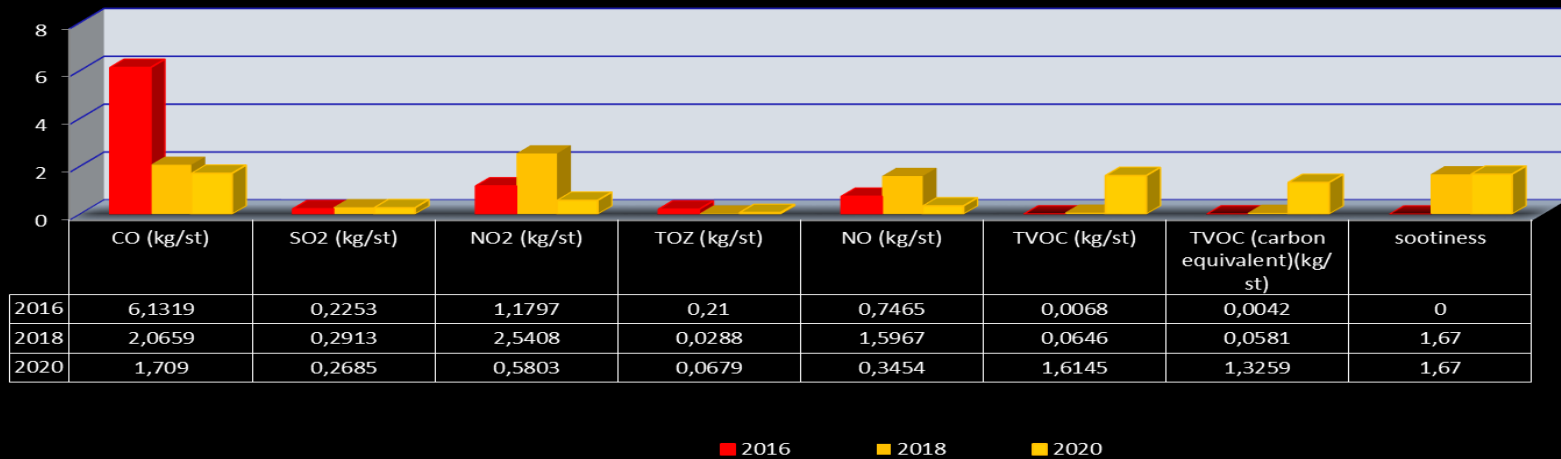
Our wastewater discharge permit obtained from the Ministry of Environment until 2010 with the purified wastewater treatment facility and was given to the receiving environment. Our wastewater source was joined to the Çerkezköy Industrial Zone's treatment plant.

2018-2020 WATER CONSUMPTION DATA



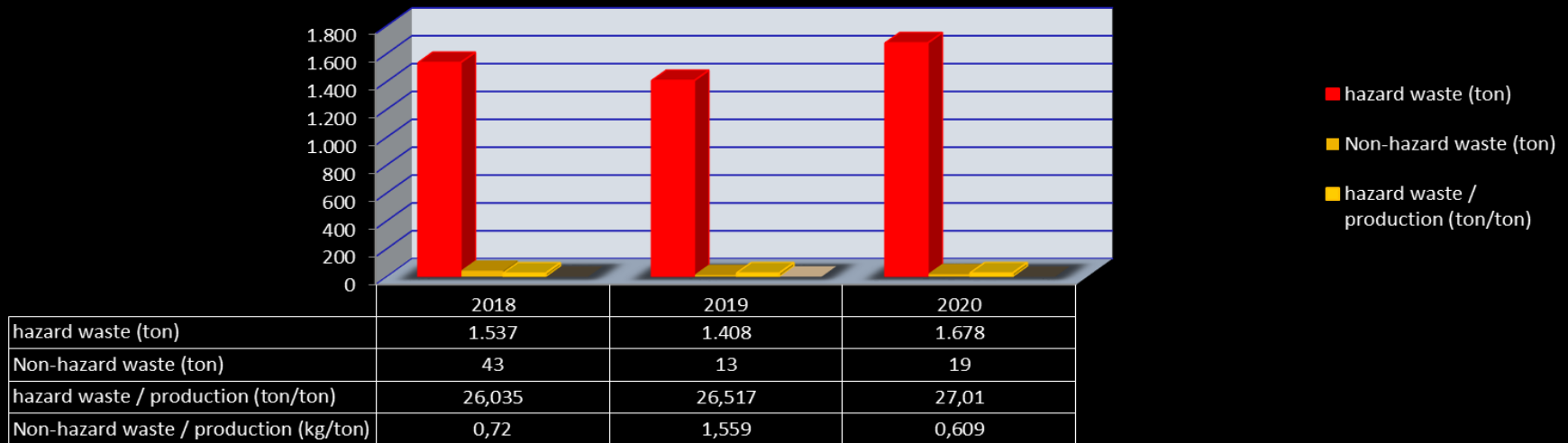
ENVIRONMENTAL DATA**2016, 2018, 2020 YEARS EMISSION RESULT**

	2016	2018	2020	LIMIT VALUE
CO (kg/st)	6,1319	2,0659	1,709	500
SO ₂ (kg/st)	0,2253	0,2913	0,2685	60
NO ₂ (kg/st)	1,1797	2,5408	0,5803	40
TOZ (kg/st)	0,21	0,0288	0,0679	10
NO (kg/st)	0,7465	1,5967	0,3454	-
TVOC (kg/st)	0,0068	0,0646	1,6145	30
TVOC (carbon equivalent)(kg/st)	0,0042	0,0581	1,3259	-
sootiness	0	1,67	1,67	-



2018-2020 HAZARD WASTE DATA

	2018	2019	2020
hazard waste (ton)	1.537	1.408	1.678
Non-hazard waste (ton)	43	13	19
hazard waste / production (ton/ton)	26,035	26,517	27,01
Non-hazard waste / production (kg/ton)	0,72	1,559	0,609



ENVIRONMENTAL GOALS

GOAL
0,1 hour environmental education for employees
Reduce to electric power consumption
Reduce to natural gas consumption
Reduce to auxiliary chemicals usage (salt, borax, coal)
Reduce to water usage
Reduce the waste data (%2)
Keep in corrective and preventive action data at 2 about ISO 14001:2004
Reduce the CO ₂ quantity for reduce our greenhouse gas effect
Direct or indirect complaint data about SARBAK METAL
Reduce to sundry expenses

ÖZGE DELİ
EMS CHIEF

TUĞHAN ÖZÇAMSIRTI
FACTORY MANAGER