Turkish Airlines

Environmental Aspects and Impact List

It determines the environmental aspects of all its activities, products, and services, detects the environmental impacts, and develops action plans to decrease such impacts. It applies an improvement-oriented management system and methods to keep significant environmental aspects under control.

Turkish Airlines Environmental Aspects and Impacts by Field of Activity

Environmental Aspects	Environmental Impact	Office Activity	Flight Activity	Cargo Transportation	Education Services
Waste Plastic	Soil Pollution	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Packaging Wastes	Water,Soil Pollution		\boxtimes	\boxtimes	\boxtimes
Acid Steam	Air Pollution	\boxtimes		\boxtimes	
Acid Leakage	Water,Soil Pollution	\boxtimes		\boxtimes	×
Acidic Waste Water	Water,Soil Pollution	\boxtimes		\boxtimes	
Waste Membrane	Soil Pollution	\boxtimes			
Waste Oil	Water,Soil Pollution	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Waste Nets	Soil Pollution	\boxtimes	\boxtimes		
Waste Wood	Soil Pollution	\boxtimes	\boxtimes	\boxtimes	
Waste Wood Powder	Soil Pollution	\boxtimes			
Waste Accumulator	Water, Soil Pollution, Negative Impact on Ecosystem/ Biodiversity				
Waste Antifreeze	Water and Soil Pollution	\boxtimes			
Waste Pressure Vessel	Soil Pollution	\boxtimes	\boxtimes		

Important Environmental Aspects

Environmental aspects, which have one or more important environmental impacts, are accepted as "Important Environmental Aspects" in our Company. It is prioritized by making a risk rating according to the methodology whose environmental aspects and effects have been determined. According to this study, necessary actions are taken and constantly improved to minimize environmental impacts.

Our Company's main fields of activity are;

- Office Activities,
- Flight Activity,
- Cargo Transport Activity and
- Education Services.

Environmental Aspects	Environmental Impact	Office Activity	Flight Activity	Cargo Transportation	Education Services
Waste Pressure Tube	Soil Pollution	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Waste Cloth Filter	Water,Soil Pollution	\boxtimes		\boxtimes	
Waste Vegetable Oil	Water,Soil Pollution	\boxtimes			\boxtimes
Waste Paint Box	Water and Soil Pollution				
Waste Tarpaulin	Soil Pollution	\boxtimes		\boxtimes	
Waste Glass	Water and Soil Pollution	\boxtimes			\boxtimes
Waste Data Cartridges, Harddisks, Servers	Water and Soil Pollution				
Waste Iron / Steel	Water and Soil Pollution	\boxtimes			
Waste Detergent Box	Soil Pollution	\boxtimes			\boxtimes
Waste Detergent / Chemical Boxes	Water and Soil Pollution				
Waste Disinfectant Box	Water and Soil Pollution	\boxtimes	\boxtimes	\boxtimes	
Waste Electrical & Electronic Goods	Water and Soil Pollution	\boxtimes			\boxtimes
Waste Absorbent Pad	Soil Pollution				
Waste Fluorescent	Water and Soil Pollution	\boxtimes			
Waste Expansion Tank	Soil Pollution	\boxtimes			
Waste Air Filter	Soil Pollution	\boxtimes	\boxtimes		\boxtimes
Waste Scrap Metal	Soil Pollution			\boxtimes	\boxtimes
Waste Jet Fuel	Consumption of Natural Resourcess		\boxtimes		



The environmental aspects and environmental impacts resulting from our main activities listed above are listed. The degree of significance of some environmental aspects and impacts resulting from our activities is higher than others. All necessary precautions and actions are taken to reduce the environmental impacts of our important environmental aspects and the effectiveness of the actions is constantly reviewed.

Environmental Aspects	Environmental Impact	Office Activity	Flight Activity	Cargo Transportation	Education Services
Waste Cable	Water and Soil Pollution		\boxtimes		\boxtimes
Waste Paper	Soil Pollution	\boxtimes	\boxtimes	\boxtimes	
Waste Carbon Filter	Soil Pollution	\boxtimes			\boxtimes
Waste Carton	Soil Pollution	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Waste Rubber Strap	Soil Pollution	\boxtimes			\boxtimes
Waste Chemical Boxes	Water and Soil Pollution		\boxtimes		\boxtimes
Waste Personal Protective Equipment	Soil Pollution		\boxtimes		\boxtimes
Waste Contaminated Packaging	Soil Pollution	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Waste Contaminated Fuel Tank (Including Pipes, valves, fittings)	Water and Soil Pollution				
Waste Container	Soil Pollution	\boxtimes			
Waste Headphones	Water and Soil Pollution				
Waste Tire / Rubber	Soil Pollution		\boxtimes	\boxtimes	
Waste Led	Water and Soil Pollution	\boxtimes			\boxtimes
Waste Diesel Filter	Water and Soil Pollution	\boxtimes			\boxtimes
Waste Metal	Soil Pollution	\boxtimes	\boxtimes		\boxtimes
Waste Metal Tank	Water and Soil Pollution				
Waste Nylon	Soil Pollution	\boxtimes	\boxtimes	\boxtimes	

Some of our partnership's activities are our important environmental aspects;

- Packaging Waste
- Waste Accumulator
- Waste Paint Box
- Waste Detergent Box
- Waste Disinfectant Box
- Waste Electrical and Electronic Equipment
- Waste Fluorescent
- Waste Metal Tank
- Spill, infiltration
- Exhaust Emission
- Air Conditioning Gas
- Contaminated Waste
- PCB, PCT Containing Waste
- Undefined Chemical Waste
- Hazardous Wastes
- Non-Hazardous Wastes
- Aircraft Jet Fuel Usage
- Fire

Environmental Aspects	Environmental Impact	Office Activity	Flight Activity	Cargo Transportation	Education Services
Waste Perfume Box (Contaminated Packaging Waste)	Water and Soil Pollution		⊠		
Waste Pads	Water,Soil Pollution		\boxtimes	\boxtimes	\boxtimes
Waste battery	Water,Soil Pollution	\boxtimes		\boxtimes	\boxtimes
Waste Plastic	Soil Pollution	\boxtimes		\boxtimes	\boxtimes
Waste Pump	Soil Pollution	\boxtimes			
Waste Projection Lamp	Water,Soil Pollution	\boxtimes			\boxtimes
Waste Cooler Gas Cylinder	Water,Soil Pollution	\boxtimes			\boxtimes
Waste water	Soil Pollution	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Waste Artificial Leather (Bag, file)	Soil Pollution	\boxtimes			
Waste Textile	Soil Pollution	\boxtimes	\boxtimes		\boxtimes
Waste Toner / Cartridge	Water and Soil Pollution	\boxtimes			\boxtimes
Waste UV lamp	Water and Soil Pollution				
Waste Oil Filter	Water and Soil Pollution	\boxtimes			
Flue Gas Emission	Air Pollution	\boxtimes			\boxtimes
Waste Containing Beryllium	Water and Soil Pollution	\boxtimes			
Glass Wool / Insulation Material Wastes	Soil Pollution	\boxtimes			
De-Icing / Anti-Icing Fluids (Mist Formation)	Air Pollution		\boxtimes	\boxtimes	
De-İcing/Anti-İcing Waste Water	Water and Soil Pollution		\boxtimes	\boxtimes	

Environmental Aspects	Environmental Impact	Office Activity	Flight Activity	Cargo Transportation	Education Services
Earthquake	Air, Water, Soil Pollution			\boxtimes	
Natural Resourcess Usage	Consumption of Natural Resourcess			\boxtimes	
Natural Gas Usage	Consumption of Natural Resourcess				
Spill, Infiltration	Water,Soil Pollution	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Exhaust Emissions	Air Pollution	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Electric Usage	Consumption of Natural Resourcess				
Electronic waste	Water,Soil Pollution	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Emission	Air Pollution	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Epoxy Paint Boxes	Water,Soil Pollution	\boxtimes			
Domestic Waste	Air, Water, Soil Pollution				
Storm / Hose	Air, Water, Soil Pollution			\boxtimes	
Recyclable Non-Hazardous Wastes	Soil Pollution			\boxtimes	
Noise	Environmental Noise			\boxtimes	
Coolant Gas	Ozone Layer Damage			\boxtimes	
Spraying	Water and Soil Pollution, Negative Impact on Ecosystem/ Biodiversity		×		

Non-Ionizing Radiation	Negative Impact on Ecosystem/ Biodiversity				
Environmental Aspects	Environmental Impact	Office Activity	Flight Activity	Cargo Transportation	Education Services
Insulation Material Waste	Soil Pollution	\boxtimes			\boxtimes
Paper Handling	Consumption of Natural Resourcess	\boxtimes	\boxtimes		
Mixed wastes (chemical packaging, metal, plastic etc.)	Water,Soil Pollution	\boxtimes	\boxtimes		
Chemical usage	Soil Pollution	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Contaminated Active Carbon	Soil Pollution	\boxtimes			\boxtimes
Contaminated Sand Filter	Soil Pollution	\boxtimes			\boxtimes
Contaminated Resin	Soil Pollution	\boxtimes			\boxtimes
Air Conditioner Gas	Air Emission Formation	\boxtimes			
Air Conditioner Usage	Ozone Layer Damage	\boxtimes			
Odor formation	Smell	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Contaminated Waste	Water,Soil Pollution	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Contaminated Waste Wood	Water,Soil Pollution	\boxtimes		\boxtimes	\boxtimes
Contaminated Waste Personal Protective Equipment	Water and Soil Pollution	\boxtimes	\boxtimes		
Contaminated Waste Textile	Water,Soil Pollution	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Contaminated Metal Waste	Soil Pollution	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Lifetime Expired De-icing / Anti-icing fluids	Water and Soil Pollution				
Sulfur hexafluoride gas explosion, infiltration	Climate Change Effect				

Lithium Bromide Waste	Water and Soil Pollution, Negative Impact on Ecosystem/ Biodiversity				
Environmental	Environmental	Office Activity	Flight Activity	Cargo Transportation	Education Services
Aspects	Impact	Activity	Activity	Transportation	Services
Machine Coolant Fluid	Water,Soil Pollution	\boxtimes			
Diesel Usage	Consumption of Natural Resourcess	\boxtimes			
Metal Scraps	Soil Pollution	\boxtimes			\boxtimes
Organic Wastes	Water,Soil Pollution				
Lifetime Expired solid tires	Soil Pollution	\boxtimes			
Lifetime Expired tires	Water,Soil Pollution	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Waste Containing PCB, PCT	Water and Soil Pollution				
Plastic Materials Usage	Consumption of Natural Resourcess			\boxtimes	
Radioactive Waste	Negative Impact on Ecosystem/ Biodiversity				
Radioactive Pollution	Negative Impact on Ecosystem/ Biodiversity				
Radioactive Material Leakage, Spill	Water and Soil Pollution, Negative Impact on Ecosystem/ Biodiversity				
Soap Usage	Water and Soil Pollution	\boxtimes	\boxtimes		

Environmental Aspects	Environmental Impact	Office Activity	Flight Activity	Cargo Transportation	Education Services
Flood / Water Raid	Water and Soil Pollution				\boxtimes
Lifetime Expired Chemicals	Water and Soil Pollution	\boxtimes		\boxtimes	
Sodium Chloride Waste water	Water Pollution	\boxtimes			
Coolant Gas	Ozone Layer Damage				\boxtimes
Water Usage	Consumption of Natural Resourcess			\boxtimes	\boxtimes
Undefined Chemical Waste	Water and Soil Pollution			\boxtimes	\boxtimes
Dangerous Waste (Pen, Stamp, Coverer Etc.)	Water and Soil Pollution			\boxtimes	\boxtimes
Hazardous Wastes	Water and Soil Pollution			\boxtimes	
Non-Hazardous Wastes	Water and Soil Pollution			\boxtimes	\boxtimes
Personal Hygiene Material Wastes such as Disposable Masks, Gloves (Covid-19 hygiene material waste)	Water and Soil Pollution		×		
Cleaning Spray Cans	Water and Soil Pollution			\boxtimes	
Medical Waste	Water and Soil Pollution			\boxtimes	\boxtimes
Thinner Boxes	Water and Soil Pollution				
Aircraft Jet Fuel Usage	Consumption of Natural Resourcess			\boxtimes	
Volatile Organic Compound Formation (VOC)	Air Pollution			\boxtimes	\boxtimes

	Air, Water, Soil Pollution	\boxtimes	\boxtimes		
Fire	Foliation				