



Trans Adriatic
Pipeline



TAP ALBANIA IPLOCA SIECAPAG

Waste management and reduction



- Spiecapag has over 90 years of experience in the construction of pipelines and conveying facilities all over the world.
- Spiecapag acquired the right to be TAP's contractor to build the ground segment of the pipeline in Albania 215 km
- Spiecapag wanted to reduce the impact of pipeline construction on the environment of TAP project in Albania:
 - **Waste management and reduction**
 - **Soil and ground restoration**



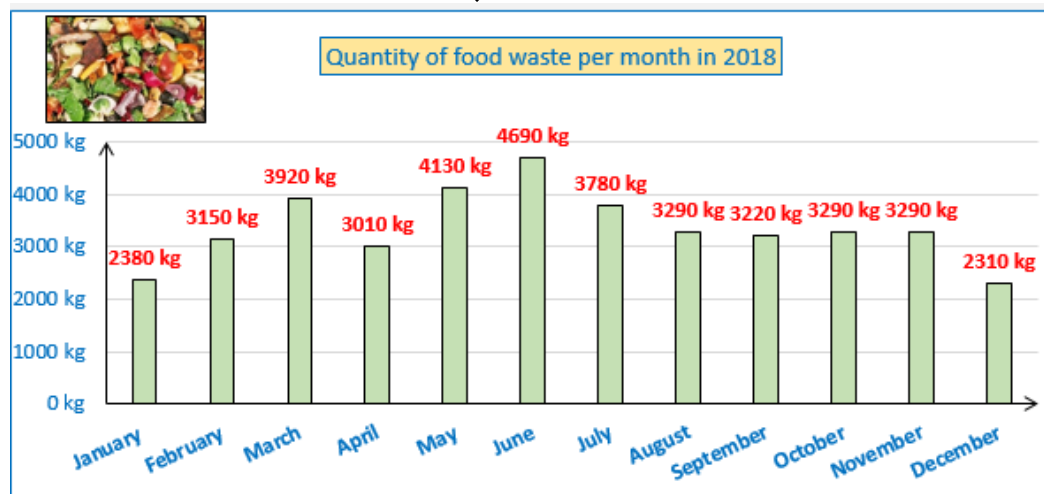
Initial situation : 1500 EMPLOYEES IN 2 CAMPS



Camp 2 : Korce



Camp 4 : Corovode



40 TONS : FOOD WASTE PRODUCES IN 2018 AND NO RECYCLABLE COMPANY IN ALBANIA

Solution :















Installation of 2 rocket composters in camp 2 and camp 4 (capacity of 1750 liters per week / composter)

Compost used for 250 000 trees planted in Albania

Training / Sensibilisation : 1500 employees (workers / caterings crews)



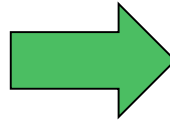
SUITABLE FOR COMPOSTING			
 PLATE SCRAPINGS	 MEAT (COOKED & RAW)	 FISH (COOKED & RAW)	 VEGETABLE & FRUIT PEELINGS
 VEGETABLES	 FRUIT	 EGGS	 DAIRY PRODUCTS
 COFFEE GROUNDS	 TEA BAGS	 BREAD	 CAKE

In terms of composting, we have a list of ingredients:

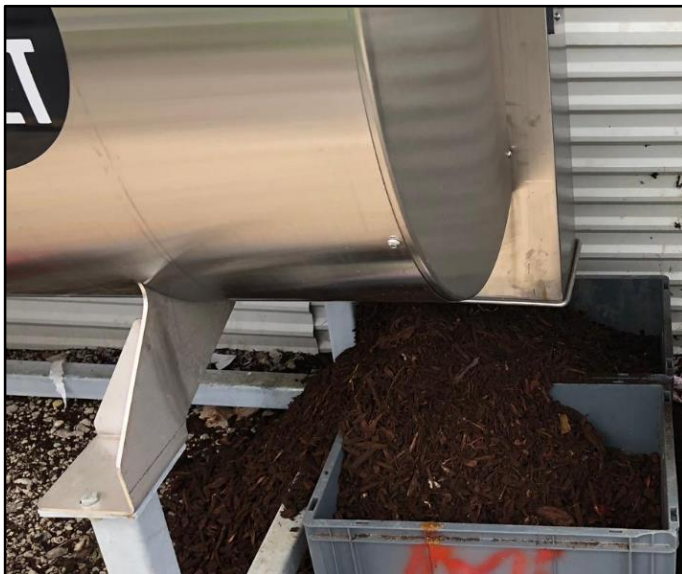
- ~ Air
- ~ Water
- ~ Carbon
- ~ Nitrogen



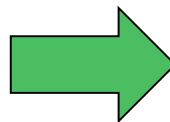
Organic waste



Organic waste / woodchips



Discharging compost



Rotary screen

Achievements :



Oak and beech planted with compost material

The compost material is used in the process of tree planting, wetland restoration and habitat revitalization.

Achievements :



- SENSIBILISATION/ TRAINING: WASTE SEGREGATION / COMPOST
- REDUCTION OF 20 % THE COST OF ORGANIC WASTE
- REDUCTION OF 40 % OF ORGANIC WASTE IN 2019
- REDUCTION OF FOOD WASTE IN REMOTES AERAS / REDUCTION OF CO2 EMISSION
- WITH COMPOST : SURVIVAL RATE OF TREES INCREASE OF 10 %