



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**



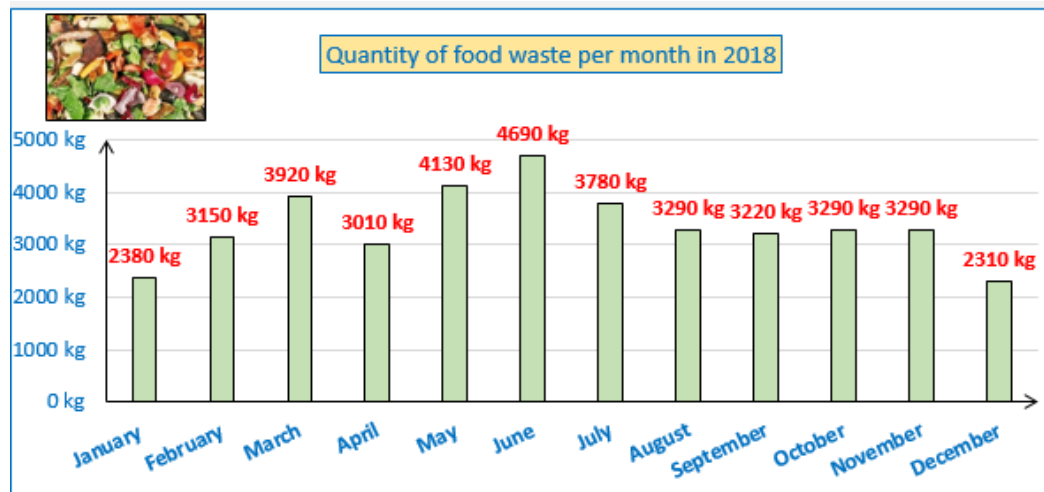
### Initial situation : 1500 EMPLOYEES IN 2 CAMPS



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   |   |   |  |
|---|---|---|--|
| <br>PLATE SCRAPINGS | <br>MEAT<br>(COOKED & RAW) | <br>FISH<br>(COOKED & RAW) | <br>VEGETABLE &<br>FRUIT PEELINGS |
| <br>VEGETABLES      | <br>FRUIT                  | <br>EGGS                   | <br>DAIRY PRODUCTS                |
| <br>COFFEE GROUNDS  | <br>TEA BAGS               | <br>BREAD                  | <br>CAKE                          |

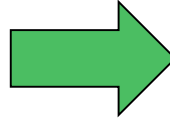
**In terms of composting, we have a list of ingredients:**

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





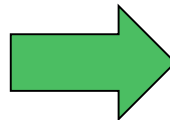
Organic waste



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 %