

WASTE HARVEST STARTED IN THE FIELD



1000 FARMERS
ENDLESS PROSPERITY

In Konya and Karaman, we implemented our **Zero Waste Management in Field Project** in order to **create added value in the economy** from wastes and residuals occurring from the moment the seed is planted in the field to the harvest **such as stalk, straw, cob and waste plastics come out in agricultural activities.**

The Project is carried out within the İTÜNOVA Technology Transfer Office Project "Zero Waste Management in the Field" under the supervision of Prof. Filiz Karaosmanoğlu, and in cooperation with the Turkish Plastics Manufacturers Research Development & Educational Foundation (PAGEV).

As a part of the **1000 FEP** social responsibility program, **1147 corn and sunflower farmers** were trained about waste management during the 2020 production season.



Farmers' plastic and hazardous plastic waste were collected by PAGÇEV, which is PAGEV's authorized recycling enterprise.

Project;

- More than 500 farmers' wastes types and quantities were determined,
- Plastic and hazardous plastic waste collected from their fields, in other words from farmers' living factory,
- Via recycling approximately 3 tons of plastic; 117 kg greenhouse gas emissions were prevented, and 16.513 kWh energy savings were achieved.



Organic Waste

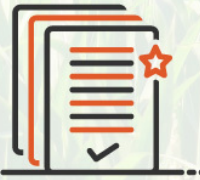
- Stalk
- Straw
- Root
- Corncob
- Husk




Plastic Waste


- Bag
- Sack
- Mulch Cover
- Greenhouse
- Plastic
- Pochette
- Bin
- Bottle
- Irrigation Pipe
- Rope
- Net
- Case


Priorities in Waste Management




 Avoid Waste Outlet

 Provide
Recycle/Upcycle

 Aim for the Least Waste

 Recover Material
and Energy

 Reuse

 Eliminate



**Waste should create
employment and
added value in the
economy**