

4.000.000€ investment to recycle 900 millions of PET bottles per year.

The strategy defined by Inquitex in order to advance in the use of recycled materials, improving the environmental situation of its products, included the installation of a PET recycling line.

Today, this line is already a reality and, after a 4 million euros investment has started the industrial activity generating new jobs.

That investment is allowing the valorisation of de 900.000.000 of PET bottles per year (water, soda, oil, detergent...), while avoiding the emissions to the atmosphere of important CO2 quantities it reduces the use of directly petrol derived products (virgin material).

All the production of that new plant is used in the industrial lines of Inquitex.

PET recycling process

Once the bottles are deposited in the specific containers, those are classified in the "selection plants".

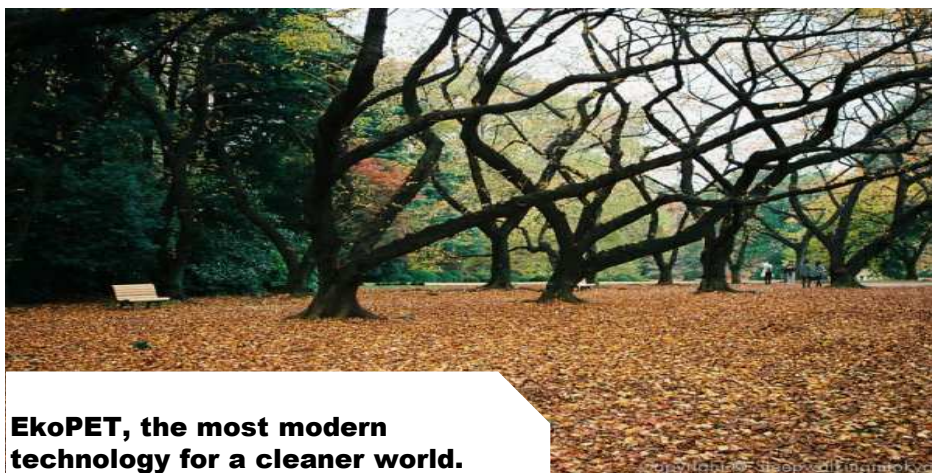
The selected material is deperated in order to separate de PET bottles.

The PET bottles are grinded and non PET rests are eliminated.

The grinded PET goes trough different hot water washing stations, including direct steam injection from the cogeneration plant. The PET flakes are totally clean, without organic or other material rests.

Inquitex can also produce food grade rPET granulates from those flakes(*)

(*) PIRA Challenge Test certified, presented for EFSA approval



EkoPET, the most modern technology for a cleaner world.

EkoPET has the most advanced separate and cleaning systems to ensure a high quality recycle, the lowest CO2 emissions and a reduced energy and water consumption. A high quality deperation system for residual water has been installed.

The installation allows EkoPET to make value out the rest of products from the process.

EkoPET is a Joint Venture among Inquitex and STF-Maschinen GmbH, European leader on the installation of recycling lines.

EkoPET is the only Spanish company capable to recycle post-consumer PET directly from the bottle to convert it into finished goods for the automotive or food industry.

