

Plastic waste recycling plants



Manufacturing construction elements

You see huge amounts of plastic waste, and just want to convert it into useful products? You are not the first! We have assisted many initiatives around the world to manufacture anything you want. Often, our customers convert waste plastics into construction elements like timber, beams, rods, stackable bricks, rooftiles, etc.

We have optimised **intrusion methods** to install local solutions at the lowest costs. With our unique quick release system, you can get the highest output with the installed equipment. We also developed smart **hot pressing** and **twin pressing** mould methods competing with the cheapest options in the world. One of our references of the Plastic Waste Free Islands project: [IUCN](#)

River waste conversion

Nothing is impossible! We believe that every waste stream and every application can offer unique opportunities. In The Netherlands we demonstrated the manufacturing of **clothing from river waste** (see the blouse on below exhibit). The customer is now developing a new fashion line with it! Our reference: [Miramé](#).

In other river waste conversion cases, e.g. if you wish to make large (hollow) products, **rotation moulding** could be a valuable option.



Applied trainings

During our projects we often conduct **workshops** about plastics recycling: from knowledge about processing technology, recognizing plastic types, and their processing properties and machine trainings in practice. This can be either online or on location, like here in Thiès, Senegal.

In our **test & training centre** in the Netherlands we can prepare your operators to work just here!



Continuous extrusion

A labour efficient method of processing plastic waste is continuous extrusion, like the factory here in Peru. One of our references: [ECOBAN](#)

Bunch bag recycling

Agrofair is a fairtrade importer of banana's. During growth of the banana's foils are used to protect them against insects and have an optimised growing atmosphere.

Using **continuous extrusion** methods we installed multiple recycling facilities converting these foils into cornerboards for transportation of the bananas on pallets. By now, a substantial part of the national banana production is recycled in Peru, Dominican Republic and Costa Rica.

Currently the replacement by **biodegradable** bags is under investigation, while maintaining the recycling method into cornerboards.

Reference: [Agrofair](#)

