I.T.R. is focused on the development and manufacturing of complete recycling lines and plants for treatment of urban waste as well as industrial waste assimilable to the urban ones. On request, I.T.R. can also develop and manufacture single machineries and/or projects for new lines as well as existing plants, offering installation, start-up assistance, and technical service on site.

According to the typology of multi-material to be treated, I.T.R. designs, builds and installs plants that, with the help of adequate mechanical systems for the pre-treatment and cleaning of the supplying material, allow to select the recyclable materials, like: glass, paper, plastic, ferrous and non-ferrous metals.

The selection plants vary from the most traditional ones, manual type, to the automatic ones, which are equipped with systems provided of innovative optical character readers that allow an automatic selection of the different products and a high recovery of the recyclable materials.

MULTI-MATERIAL TREATMENT PLANTS DERIVING FROM SELECTIVE COLLECTION
Plants of this type are also used for the selection and increase in value of the residual dry part of the municipal waste deriving from the separated collection; in this way, besides obtaining a reduction of the 30% of the quantity of waste to destine to the dump, considering the consequent prolongation of the residual life of the same, it is possible to obtain an increase in value of the different typologies of municipal waste.

All the plants are equipped with a modern software management system that allows a constant monitoring and setting of the whole plant.