

Waste Recirculating

The agricultural waste produced from the landscape activities in the main campus as well as the main kitchen of the students in the Arab Academy are considered as a great source of wastes.

The Aquaculture Research Center (ARC) in the main campus is responsible for recycling these wastes. The recycling system, consists of 2 paths. In the first one these wastes are collected and introduced to the earthworm composting pens. The produced vermicomposte is then used back as an organic fertilizer used in the landscape actives. On the other hand, the sexual production of the worms leads to an increase in their number (3 folds). Part of the produced worms is then used in the fish culture activities in the ARC.

In the second path the wastes are used to produce bio-gas and soluble fertilizers. The produced **bio-gas is used in the different ARC actives as an alternative source of energy.**



