



CASE STUDY

Improve food security and support dietary diversity of rural households through the VAC “integrated farming system” in Vietnam



VAC is the Vietnamese abbreviation used to describe garden (Vuon), fish pond (Ao) and livestock (Chuong) integration on the homestead. These systems are typically small-scale and family-run. In these circular systems, organic kitchen waste and manure is used to fertilize a pond, encouraging natural phytoplankton growth that feed fish and recycling of organic matter and nutrients using a “circular economy” approach in the landscape. The VAC systems have greater agrobiodiversity, which supports more diverse diets and better food security in local communities by increasing access to a wider array of foods.

References/Source:

Van Huong N, Cuong TH, Thu TTN and Lebailly P. 2017. New Freshwater Aquaculture Systems in the Red River Delta of Vietnam: Evolution of a Key Role in Food Systems and Rural Development. *World Food Policy*, 3(2-1), pp.33-55.