Experiences from the Project HORTINLEA -

Horticultural Innovation and Learning for Improved Nutrition and Livelihood in East Africa (2013-2018)

,Value-Chain
Strategy for
Food and
Nutrition
Security

Gelli, Aulo et al. (2015): Value chains and nutrition. A framework to support the identification, design, and evaluation of interventions.

Ruel, Marie T. et al. (2018): Nutrition-sensitive agriculture: What have we learned so far? Vegetable amaranth *Amaranthus* spp.



Ethiopian kale Brassica carinata



Contribution to increased biodiversity

Acceptance

through

cultural

embedded-

ness

Indigenous Vegetables (AIVs)

African

Contribution

to healthy and diverse

nutrition

Contributing to rural development through job creation Contributing
to sustainable
food
production
and climate
change
adaptation

Contributing to improving smallholder income by production, processing and marketing

African nightshade *Solanum* spp.



Cowpea leaves *Vigna unguiculata*





Composition of HORTINLEA-Team





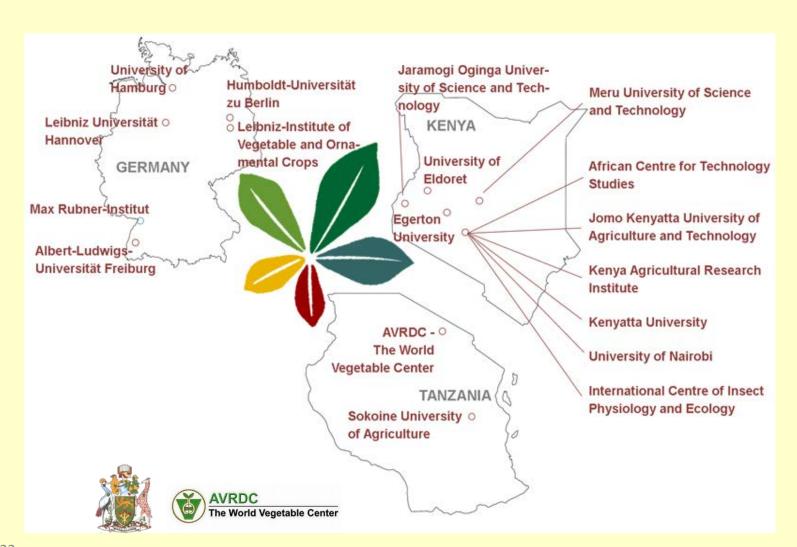














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"BMBF - Global Food
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National Research Strategy
BioEconomy 2030









Disciplines in the Context of Value Chain for Food and **Nutrition Security** DIVERSIFYING FOOD SYSTEMS Institutions/ Governance Value Chain Analysis Politics, Institutions, Infrastructure Market Trends and Soil Fertility consumption Management Habits Urban value chain Peri-urban value chain Value chain Rural value chain outcomes Human Health Retailer Consumer Input supply Farmer Household Nutrition, Health outcomes **Panel** *Irrigation/Water* Consumer Food production Diets on **Efficiency** decisions Socio-ecological outcomes Utilisation Phytopathology Food **Availability** Purchase Meal Culture, Access preparation Gender Vulnerability and Coping with Dynamic environment: Drivers of change Genomics/ Shocks Ecology, Innovations, Economic Socio-cultural Demographic Breeding Environment, Capacity Technology development development trends Climate **Building**