



COMMERCIALIZATION OF AQUACULTURE FOR SUSTAINABLE TRADE (CAST)

PROJECT GOAL: To accelerate the growth and development of freshwater aquaculture in Cambodia

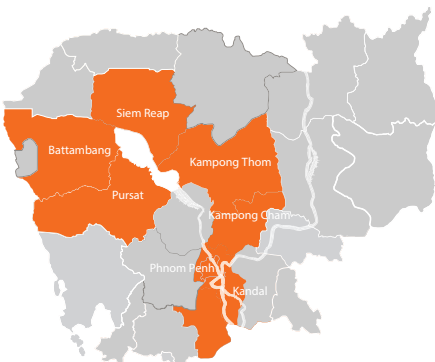
PROJECT BRIEF

- Timeline:** October 2019 - March 2025
- Funding Source:** United States Department of Agriculture (USDA)
- Partners:** American Soybean Association (ASA), Auburn University, Kansas State University, World Vision United States, Center of Excellence on Sustainable Agricultural Intensification and Nutrition (CE SAIN), Can Tho University, U.S. Soybean Export Council, Royal University of Agriculture and University of Battambang.
- Stakeholders:** Ministry of Agriculture, Forestry and Fisheries and Royal University of Agriculture, UNICA, Danish Care Foods factory, Khmer Organic Cooperative, AgriBee Cambodia Plc., Rainbow Progress Enterprise, Cambodia Fresh Farm, and Davane PLC.

DEVELOPMENT CONTEXT

- There is a high demand for fish in Cambodia, which leads to wild-caught fishing and high rates of fish imports.
- Aquaculture production is still relatively low compared to capture fisheries, and the aquaculture practices are predominately small-scale.
- Productivity of aquaculture producers has not reached its potential because of limited access to quality fingerlings, reasonably-priced feed, or technical knowledge.
- Creating new market opportunities for farmers will lead to increase household income, in turn enabling opportunities for improved dietary diversity and supporting children’s education.

IMPLEMENTATION AREAS



FISH SPECIES SUPPORTED BY CAST



Striped Snakehead (ត្រីវីស័)



Walking Catfish (ត្រីអណ្តែង)



Pangasius (ត្រីប្រា)



Tilapia (ត្រីពីឡាបយ៉ា)



Silver Barb (ត្រីឆ្លិន)



Climbing Perch (ត្រីក្រាញ់)

PROJECT OUTCOMES

- Improved technical and management capacity of aquaculture producers, their input suppliers and customers and the academic aquaculture institutions.
- Strengthened aquaculture value chain and market actors.
- Increased production of high quality fish with proper standards.
- Improved access to finance for all stages of the value chain.

TARGET PEOPLE



Commercial freshwater fish producers



Feed mills/ Feed distributors, Hatcheries/ Nurseries, Extension Workers, Wholesalers/ Retailers, Collectors, Processors



Hotels/Restaurants/Caterings (**HORECA**)



Financial institutions, Insurance companies, Academia students

PROJECT APPROACHES

- Technical consultations and meetings with commercial, private sector-driven activities to catalyse market growth and increase supply of Cambodia-grown, quality assured fish with price premiums
- National Aquaculture Association development and market-driven focal farmer organisations
- Cambodia-produced aquaculture feed and seed (fingerling/fry) and market linkages
- Demonstration farms/research and training centres led by local universities
- Sanitary and Phyto-sanitary standards compliance training
- Access to finance and insurance institutions for value chain actors
- Private sector-led extension services
- Premium fish marketing campaigns



PROJECT ACHIEVEMENTS IN 2022

US\$ 323,730 distributed as capital assistance for 70 enterprises to invest in assets to improve production, increase distribution and transportation capacity, and incorporate climate risk reduction through boreholes, solar pumps, solar dryers and product display equipments.

02 technical manuals of Food Safety/Sanitary, and Phytosanitary Standard (SPS) Training of Trainer for Production (GAQP-based) and Post-harvest (GMP/CQS-based) have been developed and authorised by Fisheries Administration (FiA). Nine (9) FiA Cantonment Officers were trained.

270 Small and Medium Enterprises (SMEs) had been trained on SPS for both production and post-harvest.

172 loan worth US\$ 4,832,862 are disbursed to 138 SMEs to enlarge and improve their business operation.

523 individuals (female 27%) received technical assistance and coaching on Business Development Services. 86% of them had applied the improved management practices and new technology.

36,076 Tonnes (worth US\$ 83,347,547) of fish and processed fish sold by post-harvest actors.

Cambodian Aqua-Culturist Association (CAA) registered in 2020 with board members representation from aquaculture market, production, and supply input actors.

CONTACT

PO Box 479,
Phnom Penh, Cambodia

Phone (+855) 23 216 052
Fax (+855) 23 216 220

contact_cambodia@wvi.org
wvi.org/cambodia



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