

Achievement highlights of Safe Food Fair Food for Cambodia project

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KEY RESEARCH EVIDENCES TO DATE

- National multi-hazard survey in markets in 25 provinces in Cambodia: the prevalence of *Salmonella* and *Staphylococcus* were 43% and 31% in pork and chicken in 2018-2019.
- Nutrition and food safety : concern of chemical contamination, which is more prevalent than bacterial contamination, is associated with lower intake frequency of meat, fruits and vegetables in mothers and children 6 months to 2 years old.
- Cost of illness in Phnom Penh and Siem Reap from 266 cases of foodborne disease diarrhea from national, provincial hospitals, and in local health centers (direct and indirect cost) was 63 USD per case.
- Pork is main meat consumed by Cambodian. >80% of total pork consumption is at home by >50% people. Food safety is a great concern of consumers but limited knowledge of food safety and foodborne health risks.



CAPACITY DEVELOPMENT

- Student training 2018-2019 (2 PhDs, 1 MScs, 2 DVMs, 6 undergraduates)
- Food safety risk assessment training 2018-2019
- 2 training on gender and livestock (by ILRI, Dec 2018 and by LSIL, Oct 2019)
- Training on system effect modelling, for researchers from Cambodia and Vietnam (by University of New South Wales in Hanoi, May 2019)
- Training on meat inspection laboratory trichinellosis diagnosis for researchers from Cambodia, Laos and Vietnam (by FUB and BfR Germany, Nov & Dec 2018)
- Lectures at Cambodian universities (Phnom Penh and Battambang) for students and lecturers (2017-2019)



FEED THE FUTURE INNOVATION LAB FOR LIVESTOCK SYSTEMS

Innovation Platform Meeting

October 4, 2019, at the Himawari Hotel, Phnom Penh

POLICY Taskforce for translational research

- Support food safety technical working group of Cambodia
- Risk assessment expertise and case studies
- Linkages with other food safety projects
- Trainings



SOUTH-SOUTH LEARNING AND PARTNERSHIP FOR IMPROVING FOOD SAFETY AND PIG PRODUCTION

- Regional symposium on research into smallholder pig production, health, and pork safety (by ILRI and University of Queensland, in Hanoi, Mar 2019), with SFFF poster presented.
 - Share experiences and challenges in research on smallholder pig health, production and pork safety;
 - Discuss and explore gender aspects in pig and pork production;
 - Facilitate inter-country and intra-country networks on pig research including the South-South exchange;

GENDER-NUTRITION INTERGRATION

- Nutrition, market, household, risk assessment, cost of illness component integrating gender aspect
- Nutrition study engaging 100% mother and children under 5 year-old.
- Trainings on gender, nutrition, food safety and livestock



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