



DOST- ITDI's FPD holds supply chain network assessment on RTE Quail Eggs



The Food Processing Division (FPD) started the year with the accomplishment of its goal of creating products that would suit the needs of the public and its respective market. On January 25, 2023, FPD, together with the Technological Services Division (TSD), held a Supply Chain Network Assessment on Ready-to-Eat Quail Eggs at the Century Park Hotel, Manila.

The event was part of the project titled *“Scale-up Production & Technology Validation of DOST-ITDI’s Ready-to-Eat Boiled Quail Egg”*, which is spearheaded by Ms. Bettina Macaraeg, SRS II, and funded by the Technology Innovation for Commercialization (TECHNiCOM) program of DOST-Technology Application and Promotion Institute (DOST-TAPI).

Attended by 45 participants from government agencies, poultry farms, and the industry, the event served as a culminating activity of the three-day Focus Group Discussion (FGD) held in October 2023. The FGD participants shared their insights and comments on how the project can fill in the industry gaps and demand for local quail eggs.

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Through the series of FGDs, the project team was able to come up with processing interventions to prolong the shelf-life and improve packaging to address the oversupply issue of quail eggs during the off-peak season. Additionally, the team was also able to tap into connections with the Department of Agriculture's National Swine and Poultry Research and Development Center (DA-NSPRDC), Bureau of Animal Industry (DA-BAI), as well as the Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (DOST-PCAARRD) to assist the industry with quality improvement of quail eggs.

Taking into consideration all the information gained in these sessions, the project proponent developed a ready-to-eat and ready-to-use product with a shelf-life of six months.



The RTE Quail Egg is also available both in cans and retort pouches. The product in pouches can be easily distributed during calamities and emergencies. Canned quail eggs, on the other hand, provide more protection against pests infesting these and other external factors.

The supply chain network assessment is part of the project's activities which involves the network from the production of quail chicks up to the processing of RTE quail eggs to assure production efficiency and sustainability.

As part of the TECHNiCOM program, the supply chain network assessment aims to address the gap in technology transfer and/or licensing by performing scale-up production runs for quality and quantity validation through established industry settings. With this, the proponents are looking forward to interested stakeholders who will adopt the product and make it available to the local market. (CNUCortado\FPD; MVAtienza\TSD; Photo Credit: SBJocson\FPD)

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