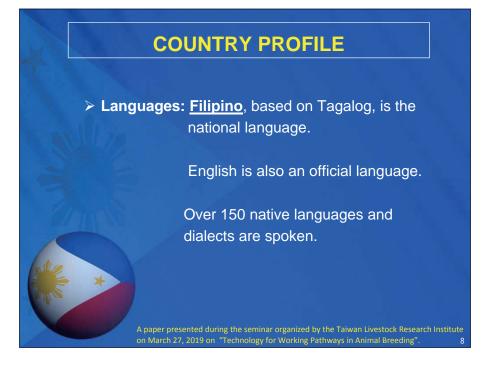


COUNTRY PROFILE Archipelago of 7, 107 islands in the southern coast of Asia. Sub-divided: Luzon Visayas Mindanao Total Area: 300, 000 sq. km. A paper presented during the seminar organized by the Taiwan Livestock Research Institute on March 27, 2019 on "Technology for Working Pathways in Animal Breeding". 5



Country Profile Climate: Tropical with high temperatures, abundant rainfall and high relative humidity Two distinct Rainfall Patterns: a) Wet or Rainy Season b) Dry or Hot Season A paper presented during the seminar organized by the Taiwan Livestock Research Institute on March 27, 2019 on "Technology for Working Pathways in Animal Breeding": 6



COUNTRY PROFILE

- > Dominant Sector: AGRICULTURE
- > Sub-sectors: farming, fisheries, livestock, forestry
- > Agricultural Area: 13 million hectares

Rice : 32 % Coconut : 26 % Corn : 21 %

Sugarcane, Banana & Coffee: 8 %

Root crops, Vegetables, Fruit Trees: 13 %

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COUNTRY PROFILE

- ➤ Major producer of the following:
 - Hogs
 - Broilers
 - Eggs (Chicken, duck, quails)
 - Small & Large Ruminants

Hog & Poultry Sub-sector: Consistent source of growth in agricultural value added (ave. 10 % annually).

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COUNTRY PROFILE

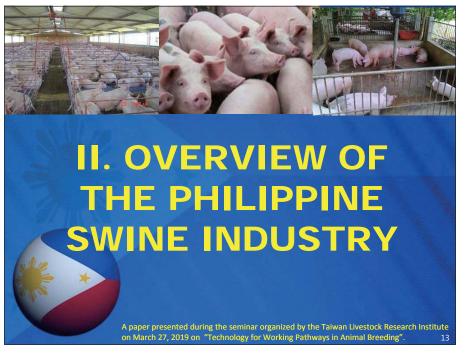
- Farm System/Structure
 - Small (ave. 2 has)
 - Medium (> 3 has.)
 - Large Farms (e.g., plantations)
- > Typical Farms:
 - * Major crop
 - * Base crops : rice, corn, coconut
 - * Few heads of livestock and poultry

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COUNTRY PROFILE

- > Agriculture in Philippine Economy:
 - * 70% of the population predominantly rural
 - * Two thirds (2/3) depend on farming as livelihood
 - * Employed 39.8 % of the labor force
 - * One half (1/2) of the labor force engaged in agricultural activities

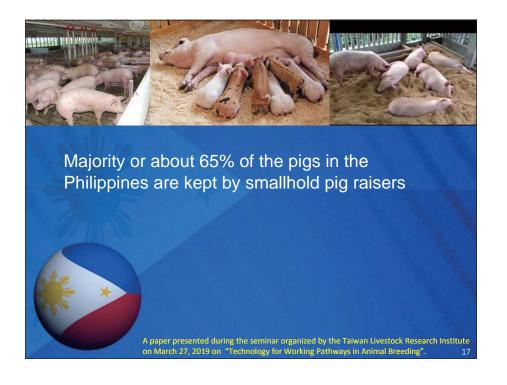
* AF Sector contribution : 20% of the GDP with 2.6% (ave.) growth annually.







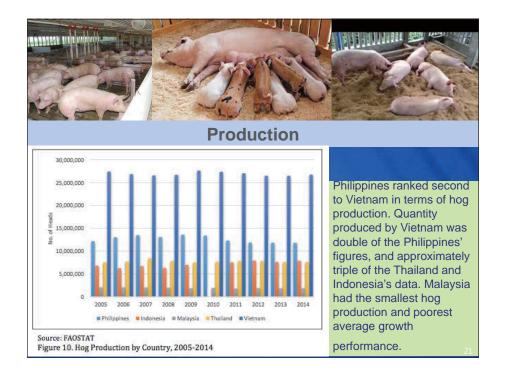










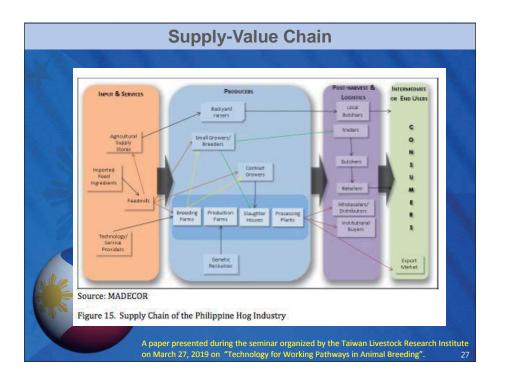


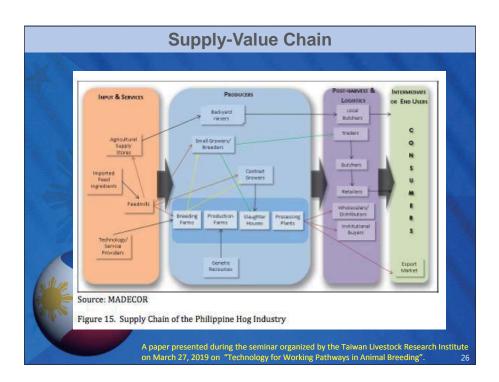


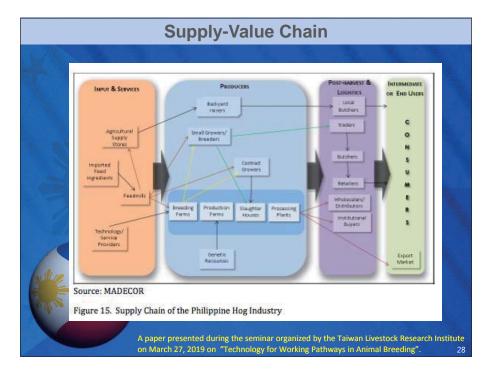














The local swine industry needs to modernized to ensure that it can withstand any form of competition



To enhance its global competitiveness, the government should work with the private sector in providing the livestock sector with policy reforms on importation, trade, pricing of inputs and support in terms of technology and infrastructure.

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CONSTRAINTS and CHALLENGES of Philippine's Swine Industry

Despite being dynamic and technologically advanced, the local pig industry is still confronted with:

- inefficiency of production due to low sow productivity
- high mortality due to inefficient diagnostic tool



- lack of native pig genetic resource conservation
- improvement and utilization initiative

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CONSTRAINTS and CHALLENGES of Philippine's Swine Industry

The program aims to address the current problems by developing technologies and systems that are expected to improve the productivity and production efficiency.



Through these initiatives, the program seeks to create new opportunities and increase the overall competitiveness of the Philippine swine industry.

CONSTRAINTS and CHALLENGES of Philippine's Swine Industry

Production System

Pig rearing practices in the country need a lot of improvement considering that about 70% of pigs are on a backyard level.



The infection pressure is high as biosecurity is compromised in a mostly one-site system where recirculation and spread of pathogens is great.

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CONSTRAINTS and CHALLENGES of Philippine's Swine Industry

Biosecurity

Isolation pens for sick pigs or incoming pigs are mostly not available even in some commercial operations.



Standard protocols and quarantine period for newly purchased animals are not properly implemented.

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CONSTRAINTS and CHALLENGES of Philippine's Swine Industry

Production System

Bigger operations, however, are now tunnel ventilated and multi-site and able to implementing an all-in all-out system.



Automation has also been established in many commercial and integrated farms.

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CONSTRAINTS and CHALLENGES of Philippine's Swine Industry

Genetics

Majority of the backyard raisers select their replacements from the production of their terminally crossed breeders.



CONSTRAINTS and CHALLENGES of Philippine's Swine Industry

Feeding

The most common feeding strategy for many farmers is the 2-3 times daily feeding of the usual corresponding ration from booster to lactating.



Backyard farmers, however, provide the cheaper brood sow ration, a diet given to all breeders whether, dry, pregnant, nursing or boars. Swill or left over feed, even if cooked, is no longer popular even among backyard raisers unless a link to eateries or restaurants has been

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CONSTRAINTS and CHALLENGES of Philippine's Swine Industry

Animal Health

Vaccination in most farms is established by convenience and hearsay or just by following recommendations of favorite suppliers.



Antibiotics, particularly in-feed products, are added routinely without a regular sensitivity test.

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CONSTRAINTS and CHALLENGES of Philippine's Swine Industry

Animal Health

The pig production system mostly seen in the country predisposes the farm to a high disease challenge.



The non-referral to regular diagnostic procedures creates confusion in coming up with a sound medication and vaccination program.

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CONSTRAINTS and CHALLENGES of Philippine's Swine Industry

Marketing

Of the 30% commercial farm sector, only a few are fully integrated.



Pigs are usually sold through a middleman also known as "Viajeros".

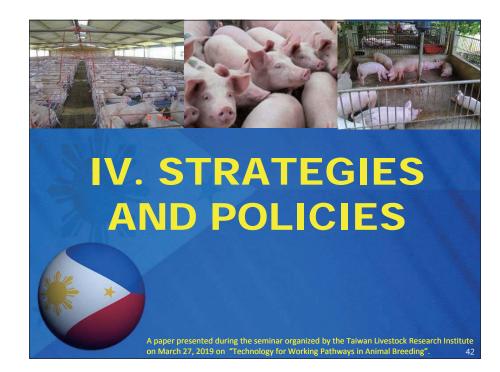
CONSTRAINTS and CHALLENGES of Philippine's Swine Industry

Marketing

They bring the pigs to the slaughterhouses and distribute the carcasses to the wet markets.

High cost of feeds and diseases created a shortage and the price of pork soared high.

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ACTION PROGRAMS, KEY RESULTS AREAS (KRAS) FOR THE HOG INDUSTRY

KRA 1: Increased farm productivity

KRA 2: Reduced cost of inputs

KRA 3: Modernized and restructured post-production system

KRA 4: Increased access to information and extension services of the smallhold farmers

KRA 5: Adopted food safety regulations and standards

KRA 6: Improved animal health status

KRA 7: Established registry of market players (i.e. meat inspectors, butchers, among others)

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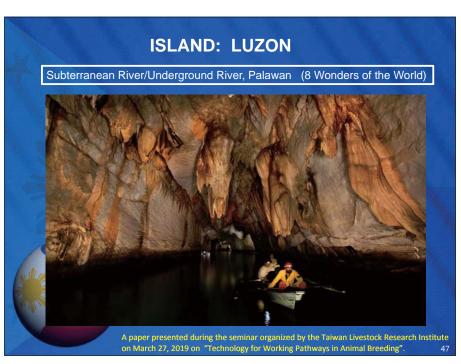
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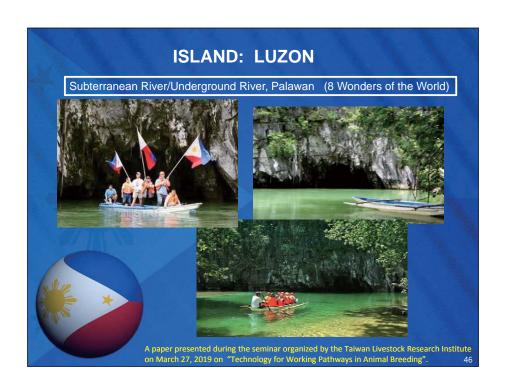


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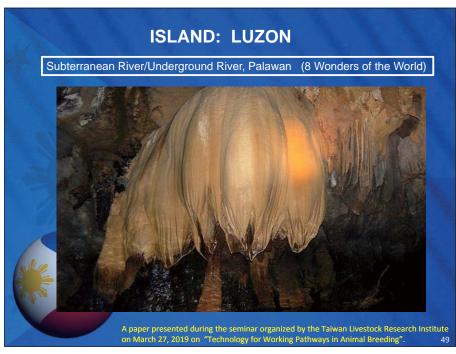
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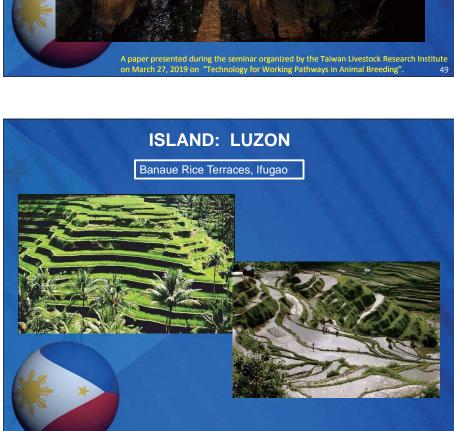












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