

A groundbreaking change in
agriculture is sprouting



Dual AgriTech TM
C E N T E R F O R E X C E L L E N C E

A Collaboration Project of PPAFI-DFFS and Dualtech Center Foundation, Inc.

Bridging the gap for learning and skills training of individuals, usually family members from the peripheral sectors

Dual AgriTech™ is the **TRANSFORMATION** of Dagatan Family Farm School educational curriculum from its Customized Curriculum for High School into this new **TERTIARY TECHVOC Learning System** which integrates electro-mechanical and digital skills, and techniques for modern agribusiness operations and best practices.



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+63945 603 9407



Visit Our Website
www.dualagritech.com



Our Location
**120 Narra Street, Dagatan,
Lipa City, Batangas 4217**

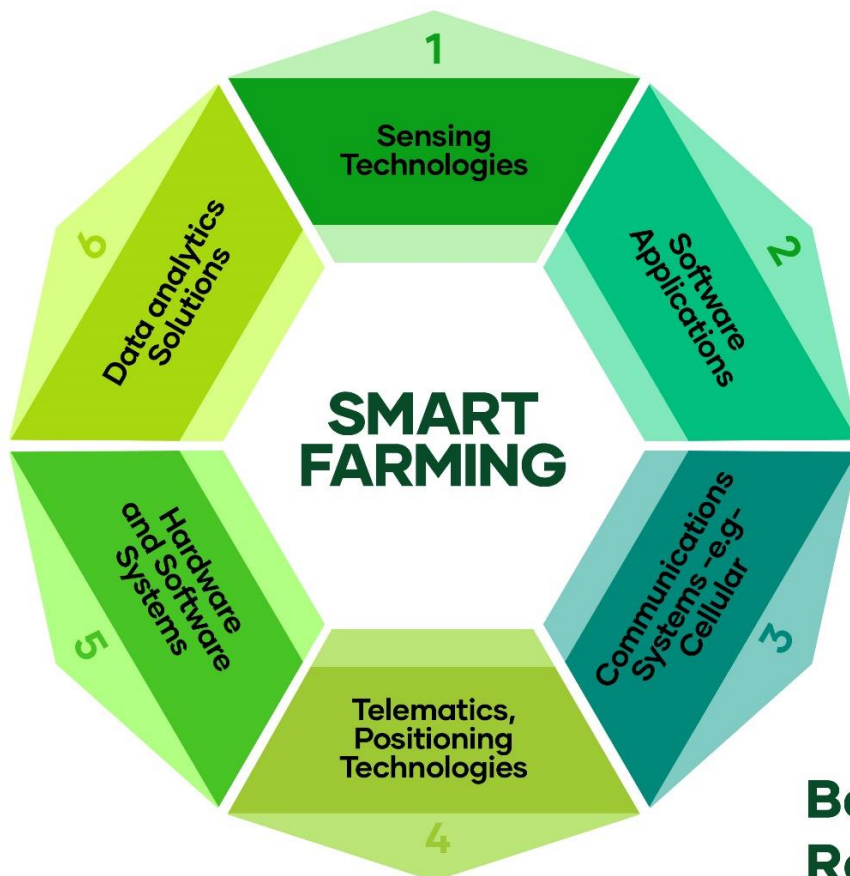


DualAgriTech™
CENTER FOR EXCELLENCE

SMART FARMING FOR THE NEXT GENERATION OF AGRI TECHNICIANS & AGRIPRENEURS



The future of agriculture ...



**Beecham
Research**



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Pampamilyang Paaralang Agrikultura Foundation, Inc.

PPAFI is a non-stock, non-profit organization established in 1986 to mold a community of AgriTech schools (farm schools) into prestigious & sustainable organization that will serve the poor. It established the Dagatan Family Farm School in 1988.

We play a pivotal role in advancing **DualAgriTech™** in the Philippines, fostering growth and sustainability in rural communities.



DFFS is a family farm school in Lipa, Batangas. It is the first family farm school in Asia. DFFS is modeled after the family farm school systems in Spain and France, namely: the Spanish Escuelas Familiares Agrarias and the Maison Familiale Rurales, respectively. DFFS is the beneficiary of PPAFI being its implementing arm for Dual AgriTech™. It provides agriculture technologies and farming techniques training in active collaboration with Dualtech Center and the Host Farm industry partners.



Dualtech Center is the primary technical partner of PPAFI and DFFS in implementing Dual AgriTech™ program. It was established in 1982 to provide skills and values formation to the youth to help address the problem of poverty. It is pioneering in dual training -- educating through work.



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KEY CHANGE DRIVERS & CHALLENGES

CHANGE DRIVERS

CHALLENGES



Regulatory
Landscape



Scholarship
Funding



Adaptive Curriculum



Facilities
Improvement

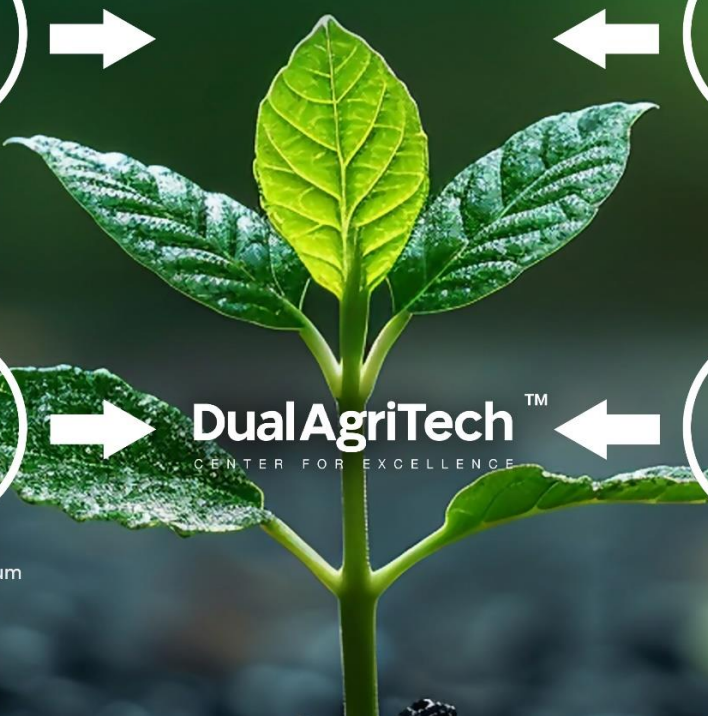


Attractiveness of
Agri Business Profession
Among Young People



Digital Capability

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Making a difference!

*...bridging TechVoc skills
gap for future-ready
workforce!*

Strategic Shift

**UPGRADING DIGITAL
CAPABILITIES**

CURRICULUM DEVELOPMENT

**FACULTY PROFESSIONAL
DEVELOPMENT**

FACILITIES IMPROVEMENT

FARMING VALUE CHAIN LEARNING MODULES

TRAINING SCHOLARSHIPS



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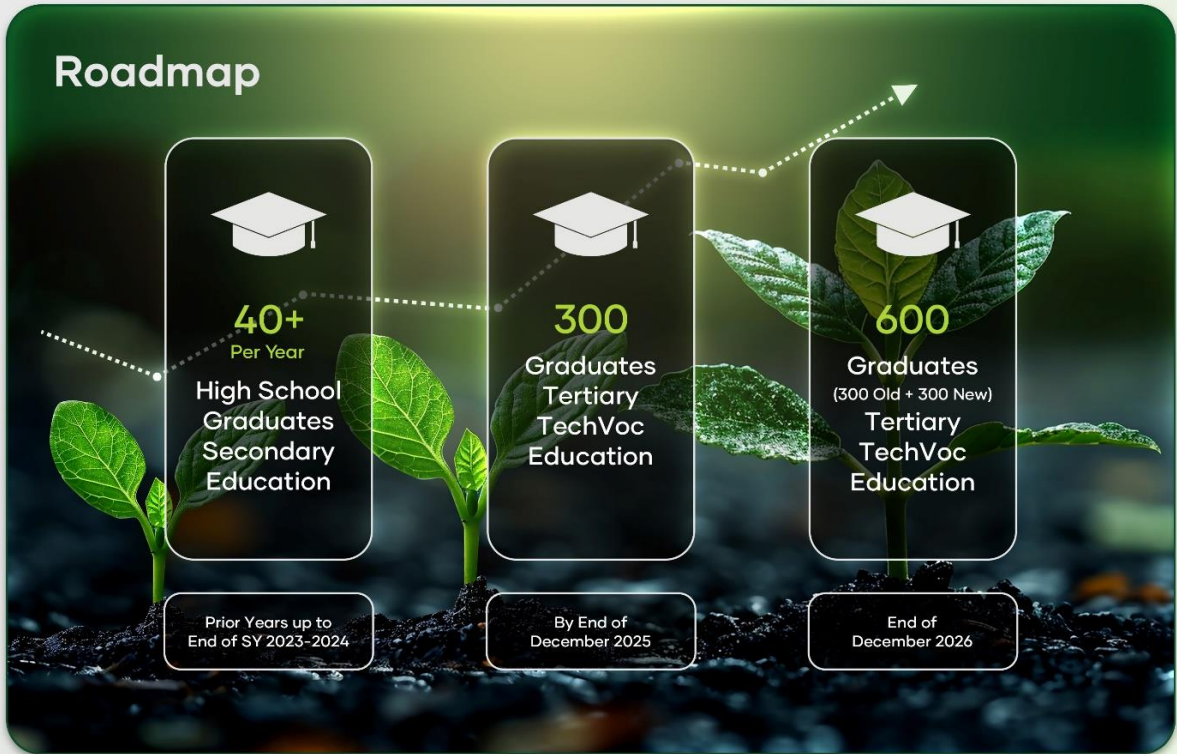


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DualAgriTech™
CENTER FOR EXCELLENCE

Roadmap



The Dual AgriTech™ Model

A Dual AgriTech™ Student Journey

Classroom Training

On-the-Job Training



BASIC SKILLS TRAINING PROGRAM

Machine Shop Practice
Benchwork
Mechanical Fundamentals
Electrical Fundamentals
Electronics Fundamentals
Personal Development Course
Technical Fundamentals

Months 1-5



HOST FARM

180 DAYS REAL WORKLIFE ON-THE-JOB TRAINING

Months 7-12



SCHOOL VISITS & MONITORING AGRICULTURE TRAINING

Agri-Crop Production
Poultry Production
Swine Production
Dairy Production

Months 1-5
Months 6



APPLIED SKILLS TRAINING PROGRAM
Pilot Farm Laboratory Work
Professional Development Course
Mentoring Intervention

Months 7-12



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DualAgriTech™
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Our Industry Partners



Our LGU & Government Agency Partners



Our Corporate Sponsors



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Call for Sponsors and Partners

GOAL TO RISE **PHP 73,000,000.00**

TRANSFORMATIONAL NEEDS

- ☐ Training Scholarships
- ☐ Farming Value Chain Learning Modules
- ☐ Facilities Improvement
- ☐ Upgrading Digital Capabilities

Why choose to support us?



We produce industry ready workforce through the innovative Dual AgriTech™ training system closing the gap between education and industry requirements.



We aim to provide opportunities to support the lives of 3000 individual students and their families



No geographic barrier. Our reach is nationwide.



We advocate smart farming technologies and attract the young breed of farmers, Agri Technicians and Agripreneurs.



We help address the country's food security concerns.



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DAGATAN FAMILY FARM SCHOOL

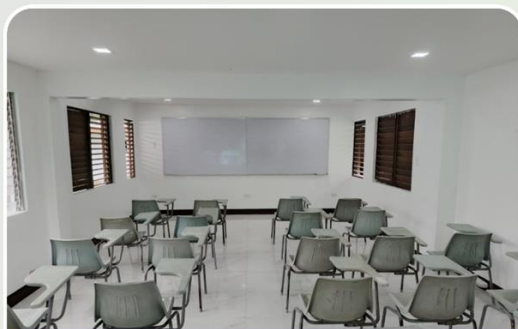
BUILDING FACILITIES



School Facade



Receiving Area



Classroom



Computer Room



Oratory



Dormitory



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DAGATAN FAMILY FARM SCHOOL

DEMO FARM FOR AGRI CROP PRODUCTION



Chilli-Pepper Area



Papaya Area



Eggplant Area



Vertical Garden for Ornamental Plant



Hydroponic Greenhouse



Lettuce in Greenhouse



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DAGATAN FAMILY FARM SCHOOL

DEMO FARM FOR POULTRY AND SWINE PRODUCTION



Free Range Chicken Production Area



Free Range Ayam Cemani and Peking Duck Area



Swine Production Area



Native Pig Production Area



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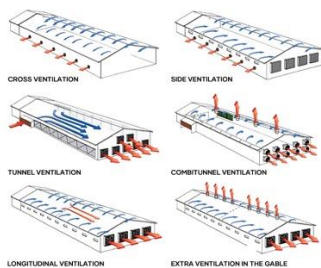
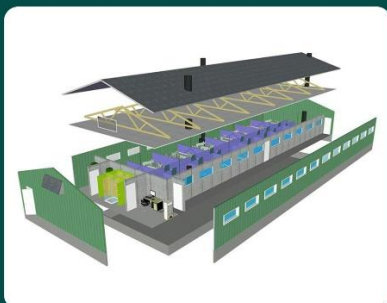
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WE ENVISION OUR DFFS DEMO FARM TO BE ...

AN ILLUSTRATION OF CLIMATE-CONTROLLED SWINE PRODUCTION FACILITIES



AN ILLUSTRATION OF CLIMATE-CONTROLLED BROILER PRODUCTION FACILITIES



AN ILLUSTRATION OF DRONE TECHNOLOGY IN AGRI CROP PRODUCTION



Dead Leaf



Stressed Leaf



Healthy Leaf

Drone is used for equipped with special imaging equipment called Normalized Difference Vegetation Index (NDVI) use detailed colour information to indicate plant health. This allows farmers to monitor crops as they grow so any problems can be dealt with fast enough to save the plants. Drone is also used for planting and seeding, spray application, security, pollination, Drone AI, and irrigation



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What is smart farming to you?

**Be one with us
Be an advocate
Be a sponsor and partner**



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