



SDG 02

Zero Hunger

2 ZERO HUNGER



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The Faculty of Animal Husbandry of Universitas Padjadjaran, in collaboration with the Food and Livestock Security Office

The Tri Dharma Perguruan Tinggi—comprising education and teaching, research, and community service—serves as the foundation of higher education in Indonesia. In line with this mandate, the Faculty of Animal Husbandry (Fapet) of Universitas Padjadjaran conducted a community service program in collaboration with the West Java Food and Livestock Security Office (Dinas Ketahanan Pangan dan Peternakan Jawa Barat). This collaboration integrated two major agendas: Fapet Unpad’s Fapet Berbagi program, held in celebration of its 61st anniversary, and DKPP Jabar’s 2024 Bulan Bakti Peternakan initiative.

The market potential for native chickens remains substantial, encouraging the community to focus on Sentul Jatiwangi breeding as a sustainable economic opportunity. To strengthen this effort, Fapet Unpad’s academic team provided practical knowledge and hands-on training in native chicken management, covering aspects such as breed characteristics, maintenance, management systems, and biosecurity. The interactive discussion between lecturers and villagers reflected strong community engagement, with participants raising context-specific questions regarding the practical application of the training in Cipeuteuy’s local environment. This collaborative initiative demonstrates the university’s role in empowering rural communities, enhancing food security, and supporting SDG 1: No Poverty through sustainable livestock development.

Distributed

5,000

chicken DOCs (day-old chicks) to the Sri Tanjung Women Farmers Group (KWT) in Cipeuteuy Village.

This initiative aimed not only to support local enterprise development but also to introduce Sentul Jatiwangi as a distinctive native chicken breed from West Java. This action highlighted that Cipeuteuy Village would serve as a model for Sentul Jatiwangi chicken development, emphasizing the importance of successful livestock management in this program.



Good Food, Greater Purpose: Oceano Cafe is Back at FPIK Unpad!

The Oceano Café at the Faculty of Fisheries and Marine Sciences (FPIK), Universitas Padjadjaran, officially reopened this week to welcome the incoming class of 2024. More than a student café, Oceano Café serves as a platform that integrates academic engagement, sustainable food systems, and community well-being. The café introduces a revitalized menu emphasizing locally sourced ingredients, particularly seafood and marine-based products, as part of its commitment to promoting sustainability in food production and consumption. This initiative aligns with Sustainable Development Goal (SDG) 2: Zero Hunger, which focuses on food security, nutrition, and sustainable agriculture. By prioritizing responsibly harvested marine products and collaborating with local micro, small, and medium-sized enterprises (MSMEs), Oceano Café contributes to strengthening local food resilience and fostering economic inclusivity within coastal communities.

Designed to be both educational and inclusive, Oceano Café ensures that its menu remains affordable for students without compromising nutritional quality or sustainability standards. The café also plans to host educational programs, including workshops and discussions, to increase awareness of sustainable food practices among students and faculty members. Beyond serving as a social space, Oceano Café exemplifies Universitas Padjadjaran's broader mission to promote sustainability and community empowerment through innovation in food systems. The reopening of the café thus represents not only the revival of a campus gathering place but also a tangible step toward advancing sustainable development and responsible consumption within the university environment.



Unpad Supports Halal Certification for MSME Entrepreneurs in Jawa Barat



Universitas Padjadjaran plays a significant role in advancing SDG 2: Zero Hunger by promoting **food safety, sustainable food production, and inclusive economic growth** through its support for the **halal certification** process of micro, small, and medium enterprises (MSMEs) in Jawa Barat. Through the assistance and guidance provided by its **Halal Research Center**, halal laboratories, and certified halal auditors, Unpad ensures that food products and other consumables meet international safety and ethical standards.

This effort contributes to enhancing **food quality assurance**, protecting consumers, and encouraging responsible production practices key aspects in achieving sustainable food systems aligned with.

Beyond certification, Universitas Padjadjaran strengthens the entrepreneurial capacity of local communities through its **business incubation center**, which supports and nurtures MSME growth in the agri-food sector. By integrating halal assurance systems into MSME operations, Unpad not only promotes **food security** but also empowers local producers to compete in both domestic and global markets. The university's commitment to building a sustainable halal ecosystem encourages innovation, ethical business practices, and inclusive economic participation ensuring that communities **can access safe, nutritious, and culturally appropriate food**. Through these initiatives, Unpad demonstrates how universities can bridge science, industry, and community engagement to achieve the broader vision of **Zero Hunger** and resilient local food economies.

In 2024, more than

20 MSMEs

successfully obtained halal certification through this initiative.

Unpad Applies Hydertetoyer to Help Address Feed Crisis in Sumedang



The Faculty of Animal Husbandry at Universitas Padjadjaran has developed an innovative approach to strengthen **food security** and promote **sustainable livestock production**, contributing directly to SDG 2: Zero Hunger. In response to the shortage of green fodder for dairy goats face, the faculty introduced the **Hydertetoyer technology** a controlled-environment system for producing high-quality animal feed sustainably. This innovation ensures an optimal growing environment that prevents the growth of fungi commonly found during cereal seed germination, thereby maintaining feed hygiene and safety. By integrating scientific research with community-based livestock management, this initiative supports **sustainable agricultural productivity** and the **resilience of small-scale farmers**.

Furthermore, the implementation of Hydertetoyer technology emphasizes the use of **local corn** as the main feed ingredient, substituting imported barley commonly used in international practices. This localization of feed resources not only reduces production costs but also strengthens **local food systems** and minimizes dependence on foreign inputs. In addition to improving the **quality and quantity of dairy goat milk production**, the initiative contributes to the **restoration of degraded land ecosystems**, particularly former C excavation areas, transforming them into productive spaces. Through innovation, sustainability, and local empowerment, Universitas Padjadjaran demonstrates how higher education institutions can drive **inclusive and sustainable agricultural growth**, ensuring better nutrition and livelihoods in line with the objectives of **sustainable food production systems**

Enhancing Community Competence in Producing Processed Agricultural Products



The training program held in Lebaksiuh Village aligns with SDG 2: Zero Hunger, particularly in **strengthening sustainable agriculture, food security**, and community capacity building. The program centered on developing marketing strategies for processed gedong gincu mango products, a **leading agricultural commodity** of the village. Through seminars and workshops, farmers gained new knowledge and practical skills related to value-added product development, branding, and market expansion. This initiative not only enhanced farmers' competence in processing agricultural products but also encouraged them to produce **high-quality, market-oriented goods** capable of increasing income stability. By integrating marketing education with local resource optimization, the program promoted **inclusive and sustainable agricultural growth**, supporting the productivity and income of small-scale food producers.

In addition to strengthening the agricultural sector, the program extended its scope to improve the **livestock farming system within the community**. Local livestock farmers received targeted assistance to increase production efficiency and animal welfare through **training on waste management**, improvement of housing and sanitation conditions, and guidance on **feed optimization**. These interventions help reduce environmental impact, ensure **sustainable food production**, and improve the nutritional quality of livestock outputs. The dual approach empowering crop and livestock farmers illustrates Universitas Padjadjaran's integrated commitment to advancing **sustainable rural development**. Through this initiative, the university supports community resilience, improves food availability, and strengthens the agricultural value chain.