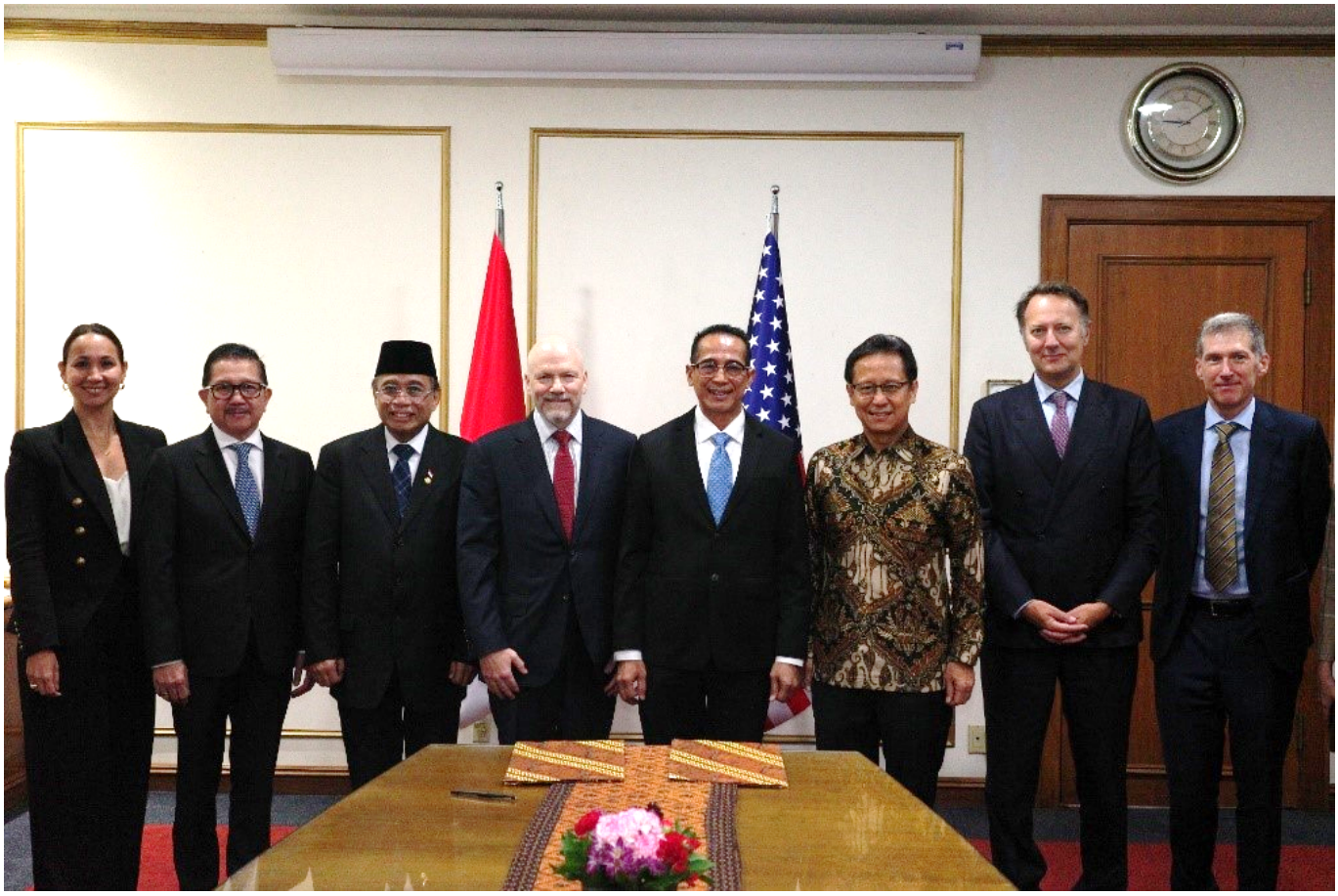
Bio Farma and MSD Expand Strategic Partnership to Strengthen Local Vaccine Manufacturing Capabilities



The technology transfer framework agreement for PCV15 and 9-valent HPV vaccines supports the development of national capabilities while expanding sustainable access to high-quality, innovative vaccines for Indonesians.

NEW YORK, United States, September 21, 2026 – PT Bio Farma (Persero) is strengthening Indonesia's domestic vaccine manufacturing capabilities through an expanded strategic partnership with MSD, formalized in New York on September 21, 2026. The agreement will support the development of Indonesia's local manufacturing capabilities for human papillomavirus (HPV) vaccines.

The agreement was signed in New York by Shadiq Akasya, President Director of PT Bio Farma (Persero), and Gregg Szabo, Senior Vice President, Global Vaccines & Infectious Diseases Franchise, MSD. The signing was witnessed by Budi Gunadi Sadikin, Minister of Health of the Republic of Indonesia; Pandu Sjahrir, Chief Investment Officer of Danantara Indonesia; and Dwisuryo Indroyono Soesilo, Ambassador of the Republic of Indonesia to the United States.

The agreement builds on the strategic collaboration between Bio Farma and MSD established in 2016 and marks a new phase of the partnership, with a focus on strengthening vaccine manufacturing capabilities and advancing long-term technology transfer.

"Signing this technology transfer framework agreement marks an important step for Bio Farma in strengthening vaccine manufacturing capabilities and advancing Indonesia's health industry self-reliance. Beyond increasing production capacity, this collaboration creates opportunities to strengthen Indonesia's access to technology, knowledge, expertise, and human capital development.

As part of the Danantara ecosystem, we aim to ensure that these capabilities ultimately deliver tangible benefits to society through more sustainable access to high-quality vaccines, while building a stronger and more competitive healthcare industry for future generations. Through collaboration and innovation, Bio Farma will continue to deliver hope and help shape the future of healthcare in Indonesia," said Shadiq Akasya, President Director of PT Bio Farma (Persero).

The partnership supports the Indonesian Government's Asta Cita agenda, the country's eight national development priorities, which include strengthening economic self-reliance, advancing industrial downstreaming, and developing strategic sectors, including healthcare. Through this partnership, MSD and Bio Farma aim to strengthen Indonesia's technological capabilities, support a more resilient national healthcare system, reduce reliance on imports, and enhance Indonesia's long-term competitiveness.

"This collaboration between MSD and Bio Farma is aligned with the Indonesian Government's priority to strengthen national health resilience by developing domestic capabilities. We welcome this partnership as part of our joint efforts to strengthen Indonesia's capacity to provide high-quality preventive healthcare solutions and support a more resilient national healthcare system," said Budi Gunadi Sadikin, Minister of Health of the Republic of Indonesia.

Through technology transfer for a 15-valent pneumococcal conjugate vaccine (PCV15), intended to help protect against certain diseases caused by pneumococcal bacteria, and a nonavalent human papillomavirus (9vHPV) vaccine, intended to help prevent certain diseases associated with HPV infection, Bio Farma and MSD are also supporting Indonesia's efforts to strengthen the prevention of vaccine-preventable diseases.

The partnership combines Bio Farma's manufacturing experience and capabilities with MSD's expertise in research, development, and life sciences technology. The collaboration is expected to expand local manufacturing capacity and contribute to sustainable access to high-quality vaccines in Indonesia. Both parties will continue to work together to implement the technology transfer in accordance with applicable Indonesian laws and regulations.

Gregg Szabo, Senior Vice President, Global Vaccines & Infectious Diseases Franchise, MSD, said, "Innovation in disease prevention plays an important role in building a healthier future. With MSD's experience and expertise in developing science-based healthcare solutions, we are committed to working with partners around the world to expand the benefits of innovation, including in Indonesia. Through our collaboration with Bio Farma, we hope to support stronger disease prevention efforts while delivering long-term benefits for the health of the Indonesian population."

For Bio Farma, strengthening domestic vaccine manufacturing capabilities is expected to contribute to national health resilience by reinforcing Indonesia's vaccine ecosystem and supply chain, while supporting public health through more sustainable access to high-quality vaccines for the people of Indonesia.

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