

# BACKGROUND

The 2030 Agenda for Sustainable Development and its 17 Sustainable Development Goals (SDGs) were adopted by all UN member states in 2015, outlining an ambitious plan to end poverty, combat inequality, and build peaceful, just, and sustainable societies by 2030. Achieving the SDGs will necessitate the coordinated efforts of all members of society. With their unique role in knowledge creation and dissemination.

Agromaritime 4.0 was established to encourage technology applications based on the Internet of Things, artificial intelligence, drone application, robotics, blockchain, genetic engineering, nanotechnology, and other technologies that aim to create precision in sustainable uses of land and marine resources. The concept of Agromaritime 4.0 addresses the issues of disconnectivity in agromaritime development, degradation of the environment and natural resources, societal welfare, food insecurity, the agromaritime sector's low contribution to economic growth, and disparities in development across Indonesian regions. IPB University developed this concept to increase productivity and farmer welfare, create more added value, increase the efficiency of logistics and transportation inter islands and regions, increase consumer welfare, and promote sustainable resources and the environment. The Frontier in Sustainable Agromaritime and Environmental Development Conference (FiSAED) 2023 will be held to disseminate the concept of Agromaritime 4.0 to the international community.