

# PT STERNA MANDALA NUSANTARA

**Company Profile**

*"Innovating for a Sustainable  
and Smarter Indonesia"*

**PT STERNA Mandala Nusantara (STERNA)**, established in **2017**, is an innovation-driven technology company under the **HOP Group**, focusing on sustainable systems, digital transformation, and integrated data solutions across **health, environment, and education** sectors.

With a strong spirit of **cross-sector collaboration**, STERNA bridges research, technology, and real-world implementation — enabling sustainable innovation and strengthening Indonesia's **digital and green ecosystem**.

# VISION

To become a leading catalyst for sustainable innovation and technology that strengthens Indonesia's health, environment, and education ecosystems



# MISSION



Accelerate digital transformation in the health and education sectors



Develop integrated digital systems and platforms for learning, health, and sustainability



Translate research and innovation into practical and impactful solutions



Foster triple-helix synergy (academia, industry, and government) to build a resilient and inclusive future

# STRATEGIC FOCUS AREA

## CORE COMPETENCIES

### Digital Platform Development

Learning Management Systems (LMS), health data dashboards, and multisector digital integration

### Applied Research & Innovation Management

Translating research outcomes into scalable technology solutions

### Green Technology & Sustainability

Carbon monitoring systems, waste-to-energy innovation, and green economy frameworks

### Health-Tech & Data Analytics

Smart surveillance, digital epidemiology, and health policy analytics

### Training & Capacity Building

Professional development in digital innovation, sustainability, and health technology



### Digital Health Ecosystem

Integration of data and digital systems to support healthcare delivery and national policy



### Green Technology and Carbon Innovation

Development of carbon monitoring, renewable energy, and emission tracking systems



### Smart Learning & EdTech Development

Partnership with universities to build adaptive and interactive digital learning ecosystems



### Public Policy & Applied Research

Collaborative policy research and innovation implementation with public institutions



### Animal Data and Traceability System

Development of animal identification and traceability databases to enhance biosecurity, veterinary public health, and transparent food supply chains

# Leadership & Expertise



**Prof. drh. Wiku B. B. Adisasmito, M.Sc., Ph.D.**

Health Policy & Systems



**Prof. dr. Asri C. Adisasmita, M.P.H., M.Phil., Ph.D.**

Epidemiology & Public Health



**Prof. Ir. Sanggono Adisasmito, M.Sc., Ph.D.**

Chemical Engineering & Industrial Process



**Dr. Lilik Sudarwati, M.H.**

Psychology & Behavioral Science



Climate and environmental data integration



Learning management system & digital curriculum development



Joint research and capacity-building in health and digital education

Exploration of carbon technology and bioenergy toward a green economy



Disaster data and resilience system development



Implementation of livestock traceability & integrated agro-innovation



## Key Projects & Partnerships

# THANK YOU



Established in 2017



HOP Group



Jakarta, Indonesia



[www.hopgroup.id/sterna](http://www.hopgroup.id/sterna) (placeholder)



[info@hopgroup.id](mailto:info@hopgroup.id)