



LENERA
INTERNATIONAL
Building a Sustainable Future

Company Profile

2024

*As an integrated
sustainability consultant,
we are here
to help you
shape a better world*



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Introduction

Based in Jakarta, PT Lentera Denta Internasional (Lentera International) was established in 2016 as an initiative to take part in the global effort to shape a better, livable future.

The risks of climate change and global warming are real and imminent. Hence, the way we build our buildings, dwell our cities, and run our businesses should be more environmentally responsible, economically feasible, and socially equitable.



At Lentera International, we believe that our future is determined by the way we design, build and occupy our built environments today.

Our experts are ready to take any challenges in the architectural design, master planning, engineering design, project management, business advisory, and engineering consulting to achieve our clients' goals and targets in a sustainable fashion.

Our Values

L**Livability**

Our primary goal is to contribute for a more sustainable, livable future.

E**Excellence**

We are committed to delivering excellence in every aspect of our services.

N**Nurturing**

We believe that our living environment should be continually preserved and nurtured.

T**Transformative**

Transformation for a better society and better cities is within our passion.

E**Empowering**

Self-empowerment is the key to successful business practice.

R**Respect**

We treat people with respect.

A**Accountability**

Our performance is continually assessed to ensure corporate accountability.

What We Do

Architecture and Planning

- Architecture
- Building Performance Analysis
- Quantity Surveying
- Tender Management
- Construction Supervision
- Master Planning



Energy Services

- Energy Project Development
- Feasibility Study
- Engineering Design
- Energy Research and Advisory
- Energy Audit and Optimization
- ESCO Financing
- Energy Management Certification



Consulting and Advisory

- Financial Advisory
- Strategic Planning
- Business Plan
- Infrastructure Consulting
- Corporate Branding
- Commercial Partnership



Portfolio



Mansion Hill - Batam, Indonesia
2017
PT Uway Makmur

Master planning of a new commercial district covering a land area of 73,120 m². The masterplan is developed to take advantage of the hilly topography and optimizing orientation for best views.



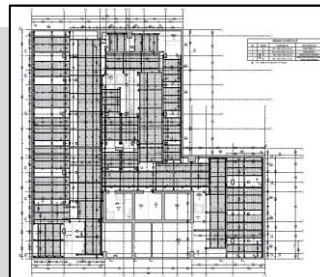
Hotel and Apartment - Batam, Indonesia
2017
PT Uway Makmur

Architectural design concept of a 12-storey luxury apartment, a 7-storey hotel building, and a clubhouse with total floor area of 30,000 m².



Creative Economy Mapping –
Yogyakarta, Indonesia, 2017
Indonesia Services Dialogue (ISD)

The objective of this project is to provide advocacy to Yogyakarta City Government with regards to the landscape of creative economy industry in the region.



2&U Parking - Seattle, US
2017
American Autopark, LLC

Engineering design of mechanical parking facility in two basement floors of an office tower in Seattle. We provide Detail Engineering Design (DED) of the parking equipment steel structure.



Fishery Industrial Complex - Bitung, Indonesia
2018
PT Bakrie Mina Bahari

Master planning of a fish processing industrial complex integrated to harbor development in Bitung Special Economic Zone (SEZ). The complex consists of various buildings: Fish Processing Plant, storage facility, and offices.



Grand Rhadana Hotel - Jakarta, Indonesia
2018
Rhadana Group

Architectural Design of an 8-storey hotel building in Tebet area, Jakarta.



Tenayan Raya Development -
Pekanbaru, Indonesia, 2018
PT Uway Makmur

Master planning of a large scale - commercial, residential and office development in Tenayan, Pekanbaru, Indonesia. Total land area is approximately 800 hectares (8 million m2).



Private Residence - Denpasar, Bali, Indonesia
2018
Kunaefi family

Architecture and Structure Design of a family residence in Denpasar. The house features sustainability design approaches such as maximizing natural light, cross ventilation, and the use of PV panels to generate electricity.



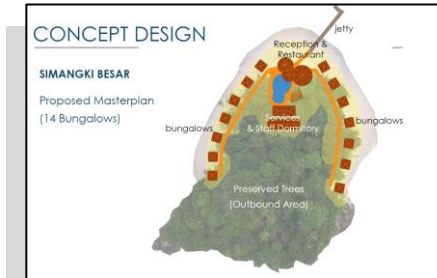
Aek Sibundong MHPP -
North Sumatera, Indonesia, 2017-2023
PT Aek Sibundong Energi

We provide project management services to develop an 8 MW Mini Hydro Power Plant in Humbang Hasundutan District, North Sumatera.



Villa Ternak Cikerei - Cilegon, Indonesia
2018 onwards
PT Villa Ternak Indonesia

Villa Ternak Cikerei (VTC) is an educational tourist destination where visitors can learn farming and experience farm living. We provide an ongoing supports to assist VTC in expanding its business.



Simangki Island -
West Sumatera, Indonesia, 2018
Rhadana Group

Concept Design of resort development on two small islands (Simangki Besar and Simangki Kecil), located in the Mandeh area, West Sumatera.

We prepared the business plan, financial model, and concept design for a resort development. The goal is to build an eco-friendly resort that offers the luxury of a private island while preserving the environment.

We produced the concept design and marketing materials for the development of private villas in Cilegon. With a total of 25 units, the villas are situated on a hilltop with stunning mountain views.

Feasibility Study on the establishment of an energy company as a subsidiary of PT Angkasa Pura I. The energy company is set to become a valuable addition to the existing subsidiaries.

Assessment of the progress of three apartment towers with a total floor area of 132,970 m². The study determines the status of the project and estimates the remaining cost and schedule to complete the project.

The task is to investigate, verify, and report on the issuance process of SLF (Certificate of Worthiness) for three apartment towers. The task includes confirmation of existing permits and liaising with authorities and other parties.

Development of a student housing facility with commercial and retail spaces. Situated right in front of the main gate of a University, the project is envisioned to become a melting pot for the students and academia.

Key People

Rachmat has extensive skills in architectural design with years of professional experience where he was involved in a wide range of design projects including residential, commercial, industrial, and infrastructure.

In his previous experience, Rachmat led the design team for various projects both in Indonesia and overseas. He also won several major design competitions, both in national and international level. His key areas of expertise include sustainable design, master planning, infrastructure sustainability, Life Cycle Analysis (LCA), and sustainable development.

Rachmat finished his undergraduate degree with a cum-laude and his Master Degree with an excellence predicate (4.0 GPA). He has also received various professional training including Green Star (Design & As Built) Training from Green Building Council of Australia and IS Training from Infrastructure Sustainability Council of Australia. At Lentera International, Rachmat is responsible for the Architecture, Master Planning, and Project Management services.



Rachmat Rhamdhani Fauzi
Chief Executive Officer

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Education:

- Master of Sustainable Built Environment (University of New South Wales, Australia)
- Bachelor of Architecture (University of Indonesia, Indonesia)

Languages:

Indonesian, English, Sundanese

Faddy has major experiences in renewable energy project, energy management, energy finance, energy policy, and energy research.

His professional experiences in several European countries including Italy, France and UK are valuable advantages to Lentera International. In Italy, he developed an algorithm to optimise a power plant that successfully reduced its annual fuel cost by 30%. He also had a valuable experience on the trading floor in London with Citi, a global investment bank.

He received rigorous academic training in energy management from top universities, both in Indonesia and France. In 2016, he obtained his Doctoral degree in energy economics from Ecole Polytechnique, where he was awarded an honorary prize for his research. Within the organisation, Faddy leads the Consulting & Advisory and Energy-related services.



Faddy Ardian, PhD
Managing Director

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Education:

- Doctor of Philosophy (PhD) in Economics (Ecole Polytechnique, France)
- Master of Science in Engineering (Ecole des Mines de Nantes)
- Master of Science in Economics (Ecole Polytechnique, France)
- Bachelor of Science in Engineering (Universitas Gadjah Mada, Indonesia)

Languages:

Indonesian, English, French, Basic Italian, Javanese

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