



 **AIRU ENGINEERING COMPANY LIMITED**

3-15-2 Kanda, Kurashiki, Okayama  
TEL +81-86-441-6400 FAX +81-86-441-6401  
✉ info@airu-eng.jp 🌐 https://airu-eng.com/



Official website



Social Media List



Philosophy

Finding new answers to existing needs from the standpoint of the entire business ecosystem beyond the conventional business scope of a construction company.

Going beyond the conventional business scope of a construction company means not staying complacent with our current business model, but making comprehensive decisions that maximize our three accumulated skills to continue offering total solutions packages.

01 Capability of keep moving forward and derive new answers without giving up

02 Capability of realize the meaning of "trust" by carefully valuing the voices of actual clients

03 Capability of utilize of networks and source appropriate techniques and materials from Japan and the world

Using our businesses to provide total planning that leads to solutions for the modern world. We believe that our three skills enable us to find new answers to existing needs.

# FOR the FUTURE

*Airu Engineering connects the past with the future,  
for Japan and the world.*

Vision

**"Benefiting the buyer, the seller and society as a whole"**  
**We are confident that we can operate**  
**in the spirit of the "Sanpo-yoshi" principle.**

Airu Engineering's future plans are filled with dreams.  
 We adopt a broad perspective encompassing the entire planet to create a sustainable company that can act as a reliable lifeline, build a working environment that responds to our diminishing population, and more. We may face innumerable hurdles. Even so, we will offer global solutions for the modern age by utilizing our Five Strengths (comprehensive technical skills) and our network that can procure technologies and materials from around the globe. This increases our corporate value while simultaneously satisfying businesses and customers and supporting society at large.

Proposal power

- Creativity not shackled by conventional wisdom
- Problem-solving capability
- Multi-directional perspective
- Sorting, sifting, and analyzing issues
- Understanding the essence of challenges
- Familiarity with actual fields

Technical capabilities to realize the plan

- Managing technologies to achieve each goal
- Continuously trying new technologies
- Learning the skills for new technologies
- Studying technology daily

Able to accommodate any request

- Proactiveness
- Having curiosity
- Having ambition
- Clear purpose and goals
- Not afraid to fail
- Open-mindedness
- Able to change the focus in a positive way
- Have simplicity in reasoning
- Positive thinking
- Make the right choice

Enjoy working

- Enjoy surprises
- Positive attitudes
- No cutting corners
- Compassionate
- Face challenges
- Socially conscious
- Build trust through hardship
- Not misled by profit and quick results

Collaborative teamwork and reliable network

- Communicate with business partners
- Value relationships with business partners
- Building trust relationships
- Networks that build connections
- An all-in-one team



01 Never giving up

While having core competencies as a construction business, we go beyond the conventional business scope of a construction company, uncovering a diverse range of solutions for the modern age. We're always thinking and willing to try and fail until we arrive at the optimal solution. We never give up until we've overcome every obstacle. Our satisfaction comes obtaining results that exceed customer expectations.

02 Broad array of planning and proposals

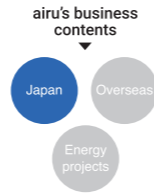
We highly value customer feedback to pursue construction work that creates a safer, more trustworthy, and comfortable society. We provide planning and proposals across a wide range of projects and services, including the human resources and materials required for construction work.

03 Networks



# Domestic business

(public and private)



## Civil engineering and development



We prepare construction sites, such as rebar placement and casting for building foundations in line with ground and construction work. We consistently manage construction and cost.

## Construction and dismantling



In addition to scrap and builds, you can rely on us for everything from construction and dismantling to waste disposal to match the needs of renovations and retrofits like seismic retrofits, etc.

## Ministry of Defense, US Army Base Construction



In our work at special facilities, we work in cooperation with domestic and foreign businesses, taking responsibility for various projects according to our skillset. These include construction work, civil engineering work, electrical and mechanical equipment, and environmental work on US military bases.

## Infrastructure development



In addition to buildings, we prepare and build other structures that support cities, such as bridges, roads, riverbanks, waterways, and sewage systems. We've achieved real results for every kind of structure.

## Communications pipework and propulsion



We provide propulsion work and subterranean development using specialized construction methods to safely install electric, gas, sewage, communication networks, etc. without disrupting the lives of local residents.

## Distribution and transportation



Trust us with the heavy equipment, containers, and materials used in each stage of construction. We take care of the entire process from unloading at the port to transporting to the job site, including quarantines and duties.

The infrastructure systems field is an essential manufacturing base for socioeconomic activity and so we are responsible for prolonging the life of Japan's domestic infrastructure via projects involving highway SA construction, bridge seismic retrofits, riverway and road, propulsion, sewage, and more with the goal of creating reliable infrastructure that protects human lifestyles.

Because the issues arising from ageing infrastructure are universal in nature, we actively employ reproducible knowledge like the introduction of ICT/IOT technologies that are not dependent on individual skills.

no. **1** / airu's key words

## "Building the Foundation of the Land"

Our job at Airu Engineering is to create safe, reliable, convenient cities, starting with the disaster prevention measures and infrastructure development that is so essential to human life.



### Social infrastructure that support lifestyles

Roads, sewage systems, and bridges are the infrastructure that forms the foundation of daily life in a country. Our job is use public and private projects to apply the quality and technical expertise we have accumulated through our numerous successes to maintain and construct the infrastructure systems that not only allow people to lead comfortable lives, but also support economic activity and act as disaster prevention measures.

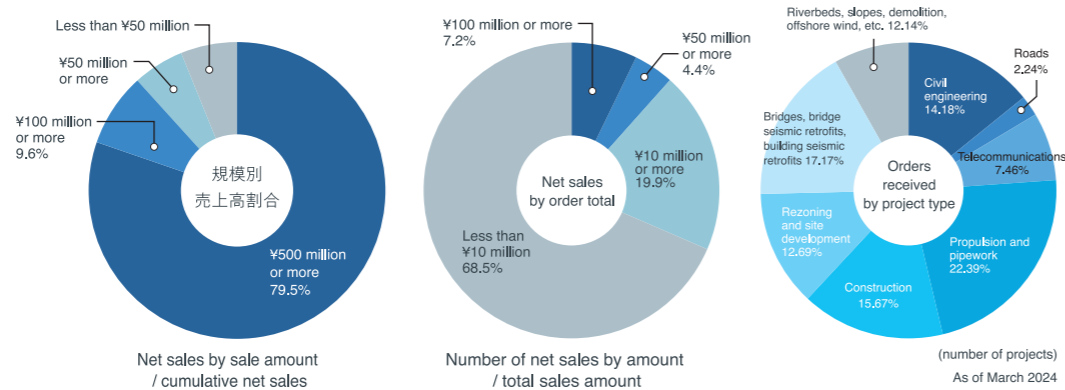
### Communication infrastructure that will create our future

The use of communication technologies is rapidly expanding with the prevalence of the internet and smartphones. Right now, our home appliances, automobiles, and the government and medical services are all connected to networks, becoming essential to our lives. While the demand for internal and external base stations and communication towers rises as the telecommunication environment diversifies, we must maintain an environment where citizens can secure important communication in the event of a disaster.



## Data

Domestic work facts



## Examples

- of our work
- Site development
  - Pipe projects
  - Road projects
  - Communication facility projects
  - Dismantling projects and more



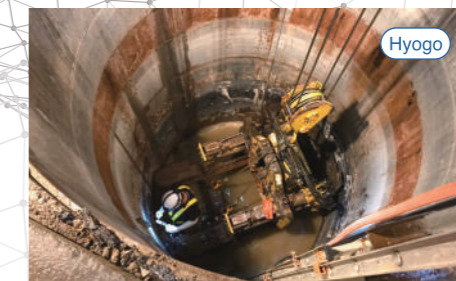
Koriyama site development  
2.4 million m<sup>2</sup>



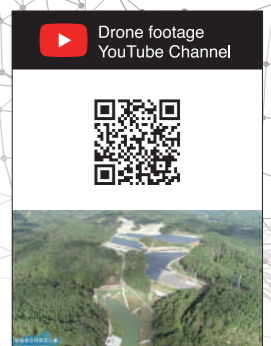
Mimasaka solar power generation plant  
self-managed transmission line



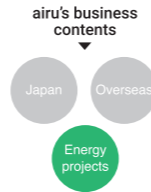
Sanyo Expressway seismic retrofit



Subterranean construction of Sanda on-site  
propulsion gas pipe



# Energy project



## Solar power



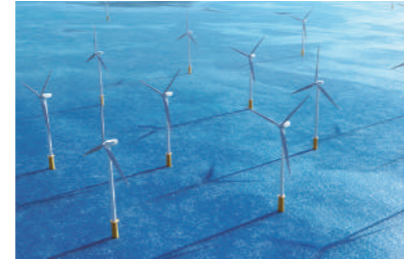
Solar power generation uses light from the sun to generate electricity. Airu Engineering is involved in the entire process, from designing our equipment to construction and ongoing maintenance. We stay in the area to oversee the safe and steady operation of the generation site. As a business partner in the joint development of such projects, we provide both project management and technical support.

## Onshore wind power generation



Wind power generation uses energy harvested from wind. This promising new renewable energy is clean power that does not emit greenhouse gases during generation, uses no fuel, has low costs, and can operate 24 hours a day. We provide services for each stage of the project, from suitable site selection, surveys, design, and construction to operation and maintenance.

## Offshore wind power generation



Airu Engineering promotes both on- and off-shore wind power generation. Japan contains long stretches of coastline and is surrounded by water on all sides. We provide everything from seafloor surveys to the introduction and installation of offshore wind power generation that takes advantage of the climate and natural features. Our support system fully utilizes of our network and collaborations with our affiliates and business partners working in the field of offshore wind power.  
▶ p.11 our partnership with Tekmar.

Regardless of whether they are for major Japanese companies or international affiliates, through working on projects like site development for mega solar power generation plants throughout Japan, we are working diligently to increase reliance on renewable energy sources, construct self-regulating transmission lines, install telecommunications infrastructure equipment, and more to achieve carbon neutrality by 2050.

Our new renewable energy businesses will help create a sustainable society.

no. **2** / airu's key words

## "Business to Make Renewable Energy Widespread"

Airu Engineering has already worked on innumerable large-scale power generation plants. By working to make renewable energy more widespread, we will contribute to improving Japan's energy self sufficiency ratio.

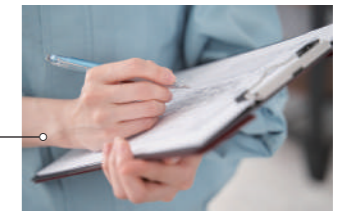
### 1. Planning, surveys, and development

We provide full-process proposals that cover everything from creating introduction plans based on site selection, soil analysis, marine geological, solar irradiance, etc. surveys to site maintenance and will also help with the paperwork, etc. to power companies and the relevant authorities.



### 2. Construction and installation

We arrange for equipment and construction all the way through to installation work, operational checks, and adjustments, and we will also forge partnerships with power companies.



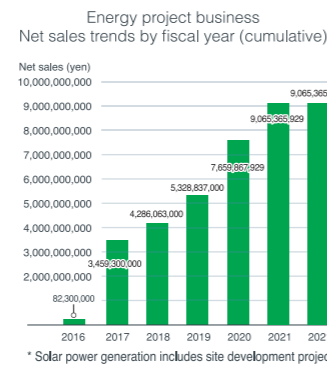
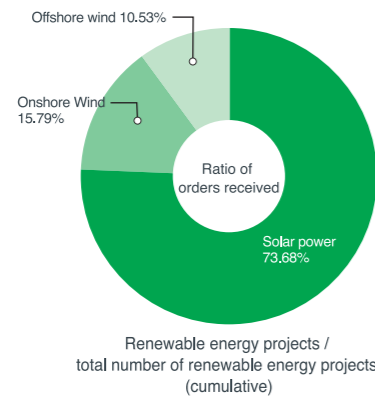
### 3. Operation and maintenance

After introducing a power generation system, our support services cover periodic inspections and maintenance like responding to potential issues.

We utilize the knowledge we have obtained from an array of domestic infrastructure projects and the results of large-scale construction in the clearing and site development of projects in mountainous areas (p.5-6) as well as our international collaborations (p.11-12) to promote a diverse range of renewable energy sources.

## Data

Energy project facts



## Examples

of our work



- Solar power generation plants
- Onshore wind power generation
- Offshore wind power generation and more



Construction of a 20 MG solar power generation plant in Shirakawa, Fukushima



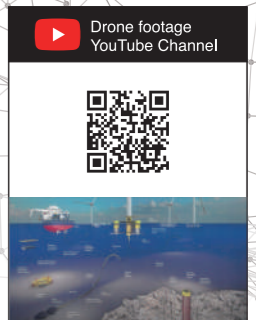
Construction of the Hatsukaichi City 44 MG mega solar plant



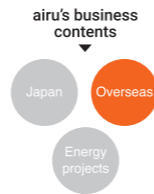
Construction of a wind power generation facility in Aomori



Offshore wind power generation in Akita



# International business



## Civil engineering work



We cover each stage of a civil engineering project with project planning, arrangements for heavy machinery and materials, and detailed project management that meets the needs of environments not found in Japan (soil, climate, personnel, etc.).

## Infrastructure



Our public and private infrastructure projects work alongside local business and government offices to create job sties that meet Japanese safety and environmental standards.

## Building



We cover the full scope of a project, from planning to installation and management that meets the needs of any project, including new construction, seismic retrofits, and interior work like HVAC equipment and painting.

Recognizing that fulfilling the various needs of the region as our mission, with our highly refined site management and building construction skills that we have cultivated in Japan, and through total site management that includes safety and quality management equal to that found in Japan, we are working in both the public and private construction and civil engineering sectors from our base in West Africa. In the construction sector, we provide new construction, repairs, maintenance, and equipment work for both major Japanese firms and public organizations. In the civil engineering sector, we contribute to the local region while expanding our business by utilizing the technical expertise we've accumulate through years of work on large-scale site development, bridges, rivers, roads, and more within Japan. Moving forward, we plan to examine the entire process flow and go beyond the conventional business scope of a construction company to expand into other sectors.

no. **3** / airu's key words

## "Not just a Construction Company, a Total Solutions Company"

As a Japanese affiliate company located in West Africa, Airu Engineering works to address the issues facing the various countries in the region while growing businesses that can support society.

We started in Ghana where we have connections and are deploying our business far beyond Ghana's neighboring countries (Palau, Kenya, etc.). As we worked on local job sites, we started thinking beyond construction projects to creating a foundation for a society where people can work with hope and live secure lives. For that reason we constantly ask ourselves what we can do to reach those goals and approach our work hoping to help those around us however we can.



Defined in the Airu Engineering creed (code of conduct)

[Hospitality]

Consideration / hospitality / welcoming / manners

We strive to embody these ideals and aim to be a company that can provide a total solution package. We continue to look for ways to expand our business into neighboring countries and beyond from our base in West Africa.

◀We also want to develop other businesses for the future of agriculture and education

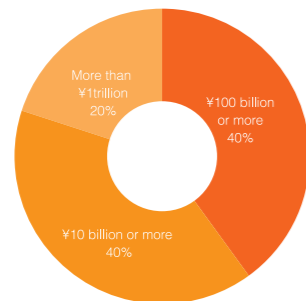
## Expanding into other countries

Market demand for transportation and basic infrastructure is high around the world but particularly in Asian, Middle Eastern, and African countries. Development in emerging countries carries with it some risk from the local environment, hiring challenges, governmental influences, and more. Airu Engineering puts the technical capabilities and knowledge amassed from our numerous successful domestic and international projects to meet the needs of each country, such as creating jobs connected with our public and private project sites as a base in West Africa.

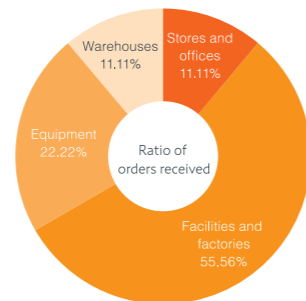


Based on our understanding of various local cultures and customs and language skill for smooth business operations, we aim to expand our global business presence.

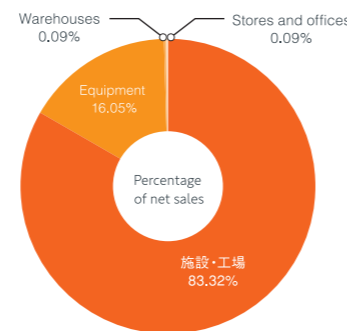
## Data International business facts



Capital stock in customer companies



Number of overseas projects by category / Total number (cumulative)



Overseas business net sales by category / total net sales (cumulative)

As of March 2024

## Examples of our work



- Site development
- Civil engineering work
- Buildings and more



TOYOTA GHANA WORKSHOP AND UG ENGINEERING TRAINING CENTRE



Air conditioning equipment repair work for Noguchi Memorial Institute for Medical Research



Repairs and improvements in the Toyota Tsusho assembly plant

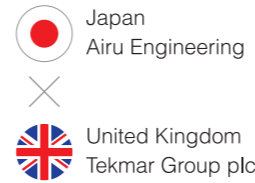


Remote ICU prefabricated ward, etc. installation

Drone footage YouTube Channel



Service  
01



As company in the Japanese market that is allied with Tekmar Group plc, Airu Engineering provides new technologies and engineering-centric services for offshore wind power generation, marine energy facilities, and marine infrastructure.

Tekmar Group



Tekmar Group offers a wide range of engineering services and custom technologies to ensure support for offshore wind and seafloor projects. With close to 40 years' experience, Tekmar optimizes projects, minimizes risk, fixes customer's engineering issues, improves safety, and reduces project cost. The group is also an expert in geotechnical design and analysis, simulations and engineering analysis, designing and building custom equipment, marine conservation technologies, marine stabilization technologies, and more.

Five group companies offering cutting-edge technologies and services in the global offshore energy market



Geotechnical design and analysis



Engineering analysis and software innovations



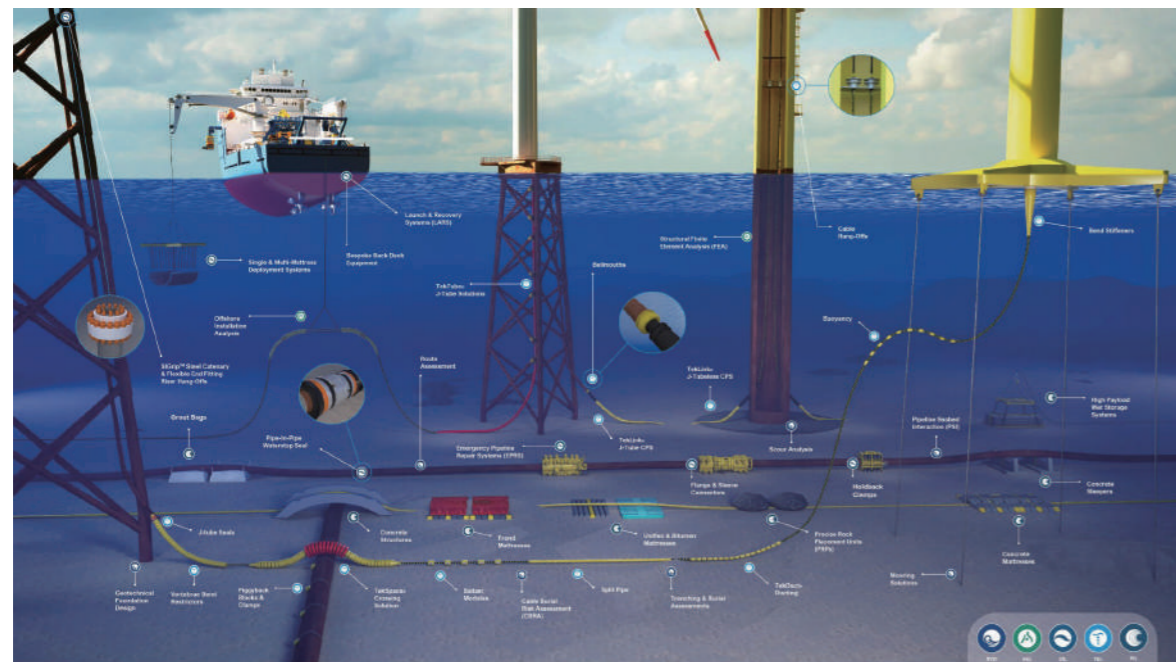
Equipment manufacturing and system integration



Cable protection systems



Seafloor stabilization technologies

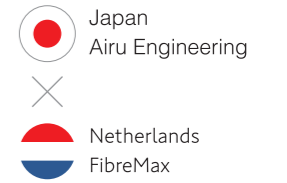


Airu Engineering is the only Japanese business that works with the Tekmar Group. We are currently promoting the use of offshore wind energy that is gaining so much attention as a renewable energy source (p.7). Please see the Services page on our website for more details.



[Tekmar]

Service  
02



Airu Engineering is committed to driving the widespread adoption of renewable energy, and has formed a business alliance with FibreMax to meet the needs of its customers.

We deliver solutions utilizing cables to solve various problems, and help to achieve widespread use.

FibreMax

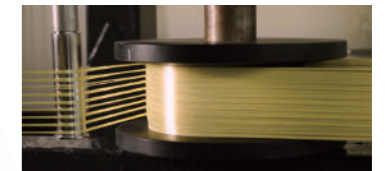
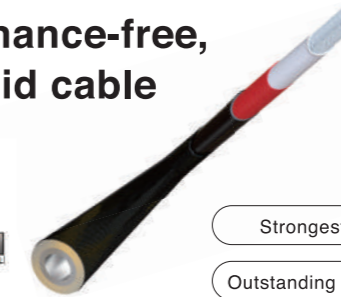


FibreMax is a cable manufacturer headquartered in Joure (The Netherlands), established in 2009. Under its motto of "World's Strongest Cable," FibreMax has developed synthetic fiber cables using aramid fiber\* developed by Teijin Aramid. With its light weight, high strength, high elasticity, low creep, and resistance to wear and corrosion, aramid fiber is attracting attention as a new material to replace steel wire in offshore wind power generation, and wire rope for ships and cranes.

\*Aramid fiber is a recyclable and sustainable material that also caters to the SDGs.

Floating offshore wind power partner: Developing the world's strongest synthetic fiber cable, with patents in 35 countries

Lightweight, maintenance-free, high-efficiency aramid cable



- Strongest fiber
- Highest efficiency
- Outstanding durability
- Highest strength-to-weight ratio

Floating offshore wind power generation



FibreMax's aramid cables are meticulously crafted using an innovative endless winding technology, in which fibers are wound in parallel to deliver superior strength and consistency. Unlike conventional braided cables, FibreMax's proprietary cable structure exhibits unparalleled strength, stiffness, fatigue resistance and abrasion resistance, making its cables ideal for the demanding conditions of floating offshore wind farms.

Land-based and offshore cranes



The crane business focuses on lifting heavy loads with increased reach and height. Lifting of offshore structures, work at power plants, nuclear works, infrastructure projects, and wind turbine construction all require cranes with increased height. However, the increase in height and associated increase in the length of the boom also mean an increase in weight. FibreMax's unique cables enable crane designs that push the limits of these challenges like never before.

Airu Engineering is the only company in Japan that has entered into a business alliance with FibreMax, and been approved to advertise and sell its products. As a pioneer in the cable industry, FibreMax is opening up new possibilities with unparalleled strength and durability. Please see the Services page on our website for more details.



[FibreMax]

Message  
from CEO

**Our goal is the pursuit of a world  
that gives future children pleasure, hope,  
and opportunities to grow together.**

Since its founding in 2013, Airu Engineering has worked diligently under the corporate philosophy of "finding new answers to existing needs from the standpoint of the entire business ecosystem beyond the conventional business scope of a construction company."

Our early business activities worked to create "points". We then linked these "points" together to form "lines", which in turn created a "surface." We thus succeeded in expanding our business to overseas markets within five years of establishing our company and are now drafting a "picture of the future" on a global scale. In October 2020, Japan declared its goal to achieve carbon neutrality by 2050. The era of viewing measures against global warming as constraints or costs for economic growth is over. They are now regarded as opportunities for growth. We believe that changes to these conventional notions combined with proactive countermeasures will bring about transformations in industrial, social, and economic structures, leading to significant growth. We therefore see industrial policies to create "a positive cycle of economy and environment," i.e. green growth strategies, as new business opportunities.

There are also numerous issues that we cannot address by staying our traditional course, such as the creation of a safe and resilient infrastructure system (large scale disasters caused by an ageing infrastructure and imminent earthquakes, prolonging lifespans with maintenance technologies, etc.), measures against natural disasters like torrential rains, and more. The construction industry needs to create a new road map for these modern measures. Airu Engineering's strengths are that we enjoy new challenges, never give up, and work tirelessly to respond to changes so that we can find new answers beyond the conventional business scope of a construction company without settling for business as normal.

We are entering into a wide range of industries focused on the core construction sectors, such as infrastructure development, renewable energy projects, etc. in order to achieve a sustainable society and create a bountiful society using our "Sanpo-yoshi" principle (benefiting the buyer, the seller and society as a whole). We will never allow our dreams to fade so that we can continue growing alongside our employees and make our dreams reality.

*CEO Jun Genba*

Profile

Company Name	Airu Engineering Co.,Ltd
Representative	Jun Genba
Established	December 2013
Capital stock	60 million yen
Registration	Construction License - Minister of Land, Infrastructure, Transport and Tourism permit (Special-3) No.28203 (civil engineering 8 other industries) - Minister of Land, Infrastructure, Transport and Tourism permit (Special-4) No. 28203 (construction work) - Minister of Land, Infrastructure, Transport and Tourism permit (Special-5) No.28203 (electricity work) - First-class architect office Okayama Prefectural Governor Registration No. 14796 - COO25510096(AIRU DEVELOPERS LIMITED) - COO23864877(AIRU EARTH WORKERS LIMITED)
	<b>Real estate transaction business</b> - Governor of Okayama Prefecture (1) No. 6073
	<b>General freight vehicle transportation business</b> - Chinese self-goods transportation permit No. 61
Business	1. Businesses under the Construction Business Act - Civil engineering, scaffolding and earthwork, masonry, steel structure, paving, dredging, painting, water and sewerage facilities, demolition, building construction, electrical contracting 2. Civil engineering, construction, and other subcontracting business 3. General freight vehicle transportation 4. Real estate transaction business
Address	<b>Head Office</b> 3-15-2 Kanda, Kurashiki, Okayama TEL:+81-86-441-6400 FAX:+81-86-441-6401  <b>East Japan Branch</b> Sentinel Aoyama Building 8F, 2-22-17 Minami Aoyama, Minato Ku, Tokyo TEL:+81-3-3408-0515 FAX:+81-3-3408-0551  <b>Kyushu Branch</b> NKE building 8F, 3-12-21, Hakataekimae, Hakata-ku, Fukuoka-shi, Fukuoka TEL: +81-92-710-6415 FAX:+81-92-710-6417  <b>West Africa Branch</b> Airport Townhouse No.3C(Opposite of GET Fund)Digya Lane, Airport Residential Area, Accra, Ghana AIRU EARTH WORKERS LIMITED AIRU DEVELOPERS LIMITED
Social Contribution Activities	SDGs declarations ISO9001, 45001 certification (Japan Headquarters and East Japan branch) J-Credit (carbon offsets) 2024 Certified Health & Productivity Management Outstanding Organizations "Bright 500"
Group	Kinshu Y.K.

History

