

# Company Profile

Integrated Design & Engineering Holdings



## Group Management Philosophy

Act with integrity and contribute to society through technology and engineering.

Amidst a society that is changing faster than we can imagine and ever more complex social challenges that are arising as a result, the ID&E Group has made it the core of its business to resolve issues with sincerity.

At the root of this lies the pioneering spirit to tackle new businesses possessed by Yutaka Kubota, the founder of Nippon Koei, and our history of growth up to the present by continuing to provide solutions based on the accumulation of knowledge represented by technology and engineering.

As a consulting and engineering corporate group, we face global social issues that change with the times and keep growing without fear of change to address such issues. We will thus contribute to the realization of a sustainable society.

### Our Aims

#### Mission

#### Make the World a Better Place

Always maintaining high aspirations, we will work hard to improve our skills, and provide services based on our accumulated technological capabilities

#### Vision

#### Providing Unique Value as a Company

Evolving into a cohesive, global corporate group  
Top class worldwide by 2030

#### Values

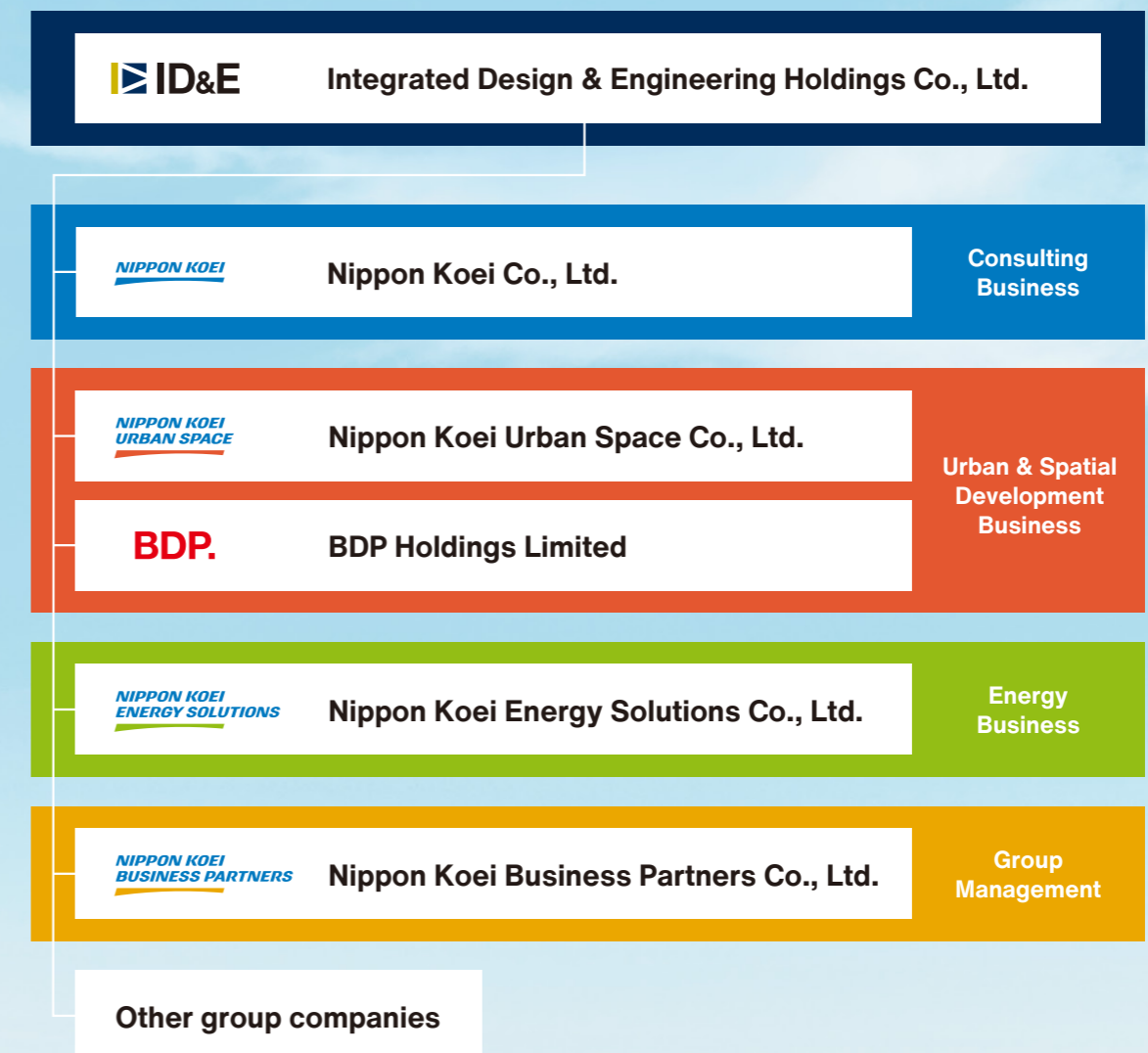
#### Tackle your problems with sincerity and the road ahead shall be clear

“Willingness to Try” “Valuing Speed”  
“Entrepreneurial Mindset” “Stakeholder Satisfaction”

## Group Management Structure

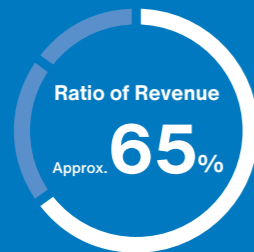
In July 2023, our Group transitioned into a holding company structure. In this structure, the holding company is responsible for the formulation of Group-wide strategies and governance, while each operating company promotes its business flexibly and autonomously. This enables the organization to respond quickly to various changes and demands.

We will make the best use of our resources, technology, and talent to open up a new future.





## Consulting Business



### Infrastructure construction and maintenance and various projects providing a foundation for comfortable lifestyles

In Japan, the Consulting Business provides a full range of civil engineering consultation related to infrastructure development, maintenance, and safety for local and national government agencies, such as the Ministry of Land, Infrastructure, Transport and Tourism. With proven technologies informed by diverse experience and R&D, the operation has grown into a comprehensive consulting service covering a vast array of projects encompassing the improvement, management, and maintenance of infrastructure supporting daily community life. Overseas, we are developing business mainly through Japanese government ODA projects, mainly in Asia, but also in Africa, the Middle East, Central and South America, and other regions. The Nippon Koei Group is engaged in numerous infrastructure projects in fields ranging from water resources and waterways, energy, urban and regional development, transportation, agricultural and rural development, environment, and disaster prevention. The Group is active on the front lines of social contribution and humanitarian aid across borders. Examples of our activities include environmental measures to combat global warming, developing regional transportation infrastructure in emerging countries undergoing rapid economic growth, and assisting in reconstruction in regions affected by conflict or natural disasters.

## Urban & Spatial Development Business



### Meeting urban development demand with architectural design and civil services worldwide

Nippon Koei launched the Urban & Spatial Development Business in March 2016 when it welcomed BDP of the UK into the Group. The aim of the launch of this business segment is to expand business by capturing the growing needs in the architectural domain as urban development progresses around the world and combining it with the civil engineering domain, an area in which we excel. Through collaboration with BDP, we are working to create urban spaces in Asia by combining civil engineering and architectural technologies. We are also working to diversify our business fields by adding Canada-based Quadrangle, which specializes in high-rise construction, to our group in 2019, and UK-based Pattern, which specializes in sports facility construction, to our group in 2021. Japan that need to be approached from both civil engineering and architectural perspectives, such as urban development and redevelopment, we merged our Urban & Spatial Development Business, one of our business segments, with Tamano Consultants, a Group company, and then formed a new company, Nippon Koei Urban Space, in July 2022. By integrating the technologies and functions of both companies, we aim to enter the market for urban infrastructure formation in Japan and overseas, and become a comprehensive production company with greater proposal and development capabilities than ever before for urban and regional revitalization projects, public-private partnerships, and smart city development, in order to work toward the formation of sustainable cities.

## Energy Business



### Helping Japan and other countries meet electric power demand

The segment constructs and repairs substations, switching stations, and power plants operated by power companies constructs central monitoring and control systems to improve operating efficiency, constructs dam control systems at hydropower plants, and manufactures related equipment. The Energy Business proposes optimal solutions for electric power companies to support electric power development and meet electric power needs in Japan and emerging countries. As a new initiative, we are engaged in research, development, design, construction, management and operation support, and system and technology development for energy management projects utilizing distributed energy resources in response to the recent expansion of renewable energy markets and power system reforms in Japan and overseas. We are accumulating business and technological know-how in Europe, where the separation of power generation and distribution and the introduction of renewable energies are leading the way, and are aiming to expand our business in Japan and other Asian countries in the future. The Company is also involved in the business of operating hydroelectric power plants and sale of electricity. We install small-scale hydroelectric power plants in existing dams that are not used for power generation purposes to generate clean and economical small-scale hydroelectric power.





Lach Huyen Port



Torrential Rain Disaster Response



Tsuruta Dam



Dhaka MRT Line 6



New Taketa Bridge

## Japan's No.1 construction consultant, involved in building social capital around the world and supporting people's safety and security

Since our founding in 1946, we have carried out projects related to the fundamentals of nation building and human resource development in more than 160 regions.

Specialists in various fields come together to respond quickly and accurately to the constantly changing needs of society with comprehensive capabilities.

### Main Services

#### Rivers, water resources, and hydropower development

Research, design, and construction supervision for flood prevention in river areas, improvements to water use efficiency and water environments, and hydroelectric power generation

#### Water, sewerage, and urban drainage

New construction, updating, and remodeling of facilities, flood control measures, earthquake countermeasures, confluence improvement measures, maintenance plans, business management support

#### Urban planning and development

National, prefectural, and municipal concepts, wide-area plans, and master plans, recovery and reconstruction planning and support, smart city concepts and planning, smart industrial park planning and design, TOD planning, tourism planning, walkable plans, building design and construction management overseas

#### Roads, bridges, and tunnels

Investigation, planning, analysis, and design (including seismic reinforcement and functional maintenance of structures) of roads (road maintenance, improvement, road traffic measures, etc.), bridges, earth structures, tunnels, underground spatial structures, and more, road project supervision, etc.

#### Public-private partnerships

Feasibility studies when considering introduction, advisory services related to public offerings and selection of business operators, monitoring of operation and maintenance, management support services (PPP/PFI, comprehensive private outsourcing, etc.)

#### Information

DX strategy planning, development of remote control systems for infrastructure equipment, platform development and operation, IoT equipment development, 5G communications network development, AI solutions development

#### Dams and power generation

Providing technology for the construction of new dams, redevelopment of existing dams, extension of their service life

#### Disaster prevention and mitigation

Stabilization for landslides, steep slopes, and dam reservoir slopes, road disaster prevention, erosion control, emergency and permanent measures in times of disaster

#### Traffic planning

Traffic volume surveys and estimations, urban traffic management (traffic safety, facilitation measures), ITS utilization plans, public transportation planning, autonomous driving demonstration tests, big data analysis for the flow of people, logistics, etc., MaaS

#### Railways

Drafting of railway plans, railway facility design, bidding support, and construction supervision for developing countries, planning, design, and construction supervision for railway systems, design of railway structures in Japan

#### Environment

Environmental and social impact assessments, decarbonization and climate change measures, green infrastructure, forest conservation, biodiversity conservation, resource recycling formation, sustainability/ESG due diligence

#### Disaster management

Disaster prevention planning, disaster prevention community development, natural disaster risk communication

#### Agriculture and rural development

Agricultural production base development and planning, farming support, organization enhancement, food value chain enhancement, nutrition improvement support

#### Defense

Development of defense infrastructure such as in Self-Defense Force camps, bases, and airfields

#### Ports and airports

Investigation, planning, design, construction supervision, and maintenance of port infrastructure and climate change measures (coastal protection, tsunami protection, CNP, etc.), airport infrastructure (airports, heliports, flying cars, spaceports, etc.), upgrading of functions, studies regarding operational efficiency

#### Infrastructure/asset management

Inspection, diagnosis, life-extension planning, and management support for various social infrastructures, development and utilization of AI and monitoring technology, infrastructure maintenance DX, infrastructure evaluation, design of conservation measures and maintenance plans based on evaluation results

#### Geology and soil

Geological surveys and analysis related to infrastructure foundations, soft ground analysis and design, seismic analysis, groundwater flow analysis, ground environmental pollution surveys

#### Satellite information services

Disaster damage assessments, infrastructure monitoring related to disaster prevention and mitigation, vegetation management, agricultural production management

### Group Companies

Nippon Koei Co., Ltd./Nippon Civic Consulting Engineers Co., Ltd./Geoplan Namtech Inc./Koei Research & Consulting Inc./Nippon Koei Latin America-Caribbean Co., Ltd./Nippon Koei Lac, Inc./Nippon Koei Latin America-Caribbean, Mexico S.De R.L. De C.V./Nippon Koei India Pvt. Ltd./Nippon Koei Bangladesh Ltd./Nippon Koei Vietnam International Co., Ltd./Philkoei International, Inc./Pt. Indokoei International / Myanmar Koei International Ltd. / Koei Africa Company Limited / Pt. Cikaengan Tirta Energi / Asap Mobility Sdn. Bhd.





Fukaya Terrace Park



NFT for the Nakagin Capsule Tower



Ahmad bin Ali Stadium



Park-PFI Project at Tokyo Metropolitan Meiji Park



The Paterson Cancer Research Centre

## Promote comprehensive production of urban & regional renewal through engineering and architecture

In recent years, various social problems and needs have emerged in the field of urban spatial in Japan and overseas. Nippon Koei Urban Space utilizes its technology and experience in civil engineering and architecture, participates in the integrated production of cities, and contributes to creating sustainable cities and regions.

### Main Services

#### Urban development

We work on community development using various technologies and methods in various scenes from concept to operation.

#### Urban renewal

- Urban planning, regional transportation planning, public facility restructuring
- Redevelopment, public-private collaboration, smart cities

#### Urban development

- Rezoning/urban development projects

#### Spatial design

- Development, creation, station squares
- Life extension for landscapes and parks

#### Architecture

- Building planning/design/supervision
- Building PM/CM/FM

#### Overseas development

- City planning/station areas/civil infrastructure research, planning, and design

#### Social infrastructure

We are responsible for civil engineering in urban spaces, from the research, planning, and design of the infrastructure that forms the basis of the land.

#### Road bridges

- Research/planning/design in the field of road bridges
- Support for municipal (regional) infrastructure management projects, deployment of IT technology

#### Watershed water works

- Research/planning/design and maintenance support regarding rivers/erosion control/coasts/harbors/agricultural civil engineering

#### Water and sewerage

- Research/planning/design in the field of water and sewerage
- Public-private partnerships and advisories

#### Global environment

- Renewable energy business and environmental assessments
- Environmental surveys and studies of environmental conservation measures
- Ground surveys and analysis, hydrological surveys
- Creation of large-scale embankments and disaster prevention maps

#### Comprehensive surveys

We are responsible for research areas that comprehensively develop the basic information that is the basis for infrastructure development.

#### Geospatial Information

- Geospatial consulting, 3D measurements/satellite data analysis and utilization
- Geospatial measurement: Ground/photography/3D surveys
- Geospatial information maintenance: Utilization of GIS data

#### Base information

- One-stop research management Land/building/infrastructure facility surveys, ledger creation, management support Construction and maintenance
- Rights investigations

#### Site compensation

- Compensation consulting Site acquisition support and compensation consultation
- Compensation investigations and property appraisal Land surveys/land valuation/properties/machinery and equipment/sales/special/business loss/compensation related/general compensation

#### Group Companies

Nippon Koei Urban Space Co., Ltd. / BDP Holdings Limited / Building Design Partnership Limited / Quadrangle Architects Limited / Kisho Kurokawa Architect & Associates Co., Ltd.

#### About BDP

BDP Holdings Limited (BDP) and its subsidiaries are one of the UK's leading architectural design firms. They joined the Group in 2016 with the aim of providing more comprehensive and complex solutions to various urban issues.

Since then, BDP have continued to take on various challenges together, such as expanding business in Asia, with the aim of increasing the value of social capital through collaboration between Nippon Koei and Nippon Koei Urban Space's infrastructure development technology and BDP's building and urban development technology.

In 2019, BDP acquired Quadrangle Architects Limited, a comprehensive Canadian architectural and interior design firm, and in 2021 acquired Pattern Design Limited, a British architectural design firm specializing in the sports sector. They are also aggressively expanding their business domain with the opening of a branch office in New York in 2022.







Shin-Tochigi Substation



Akan Microgrid



Shin-Sogi Hydropower Station



Fukushima Office



Battery-Based Energy Storage System in Ruien

## Providing one-stop services for clean energy

We operate businesses that play a critical role in ensuring a stable supply of electricity, a fundamental necessity for daily life, both in Japan and across the globe. As the power and energy businesses around the world enter a period of transformation, we will respond to diverse needs and create new value with consistent systems and high-level technological capabilities centered on energy.

### Main Services

#### Energy development and operation

We develop, operate, and market energy resources based on carbon neutrality and electricity liberalization, supporting energy conservation.

#### Manufacturing

With our manufacturing sites, we contribute to the creation of renewable energy with cutting-edge technology.

#### Electric power equipment, civil engineering work, electromechanical consulting

We handle everything from domestic and overseas power equipment installation work to electromechanical consulting and work on renewable energy EPC (Engineering, Procurement, and Construction).

#### Battery ancillary services

- European battery aggregation business, large battery EPC business
- Planning and forming new businesses and new investment projects related to renewable energy and storage batteries in Japan and overseas

#### Civil engineering systems-related, disaster prevention-related

- Dam monitoring and control systems, dam release alarm systems
- Rockfall monitoring systems and sediment collapse detection equipment

#### Electrical equipment installation work

- Expansion and renewal of facilities such as substations and hydroelectric power plants
- Selection, procurement, and installation work of power receiving and transforming equipment related to renewable energy

#### Domestic hydro development, O&M

- Site surveys, hydrological analysis, overall layout studies
- Civil/electromechanical design, consensus building, construction supervision
- Power generation operation, maintenance and management, business company operation

#### Substation system-related

- Miniature monitoring control panels, N-1 electrical control equipment
- Substation systems

#### Electric power civil engineering

- Renewal work for hydroelectric power plants (pipes, foundations, construction)
- Substation civil engineering work
- Civil engineering surveys and diagnoses concerning the above

#### Aggregation business

- Proprietary market transactions in supply-demand adjustment markets, capacity markets, etc.
- Market trading agency using power storage stations and generators

#### Substation equipment-related

- Conservators, hot-line oil purifiers, line traps

#### Energy management-related

- EMS (microgrids, aggregation, renewable energy monitoring)
- Storage systems (multi-vendor systems)

#### Domestic electromechanical consulting (planning and detailed design)

- Electrical equipment
- Information and communications equipment
- Machinery and equipment

#### Energy-saving services

- Supporting compliance with environmental laws and regulations such as the Energy Conservation Act
- Supporting the formulation of greenhouse gas reduction plans
- Cloud-based energy management support services

#### Hydroelectric power station related

- Water turbines (Francis, Pelton, cross-flow, propeller, spiral)
- Synchronous generators, induction generators
- Integrated protective control equipment
- Excitation devices
- Speed governors (hybrid, electric, hydraulic)
- Water sprinkler
- General testing equipment for water turbine generators

#### Overseas electromechanical consulting (planning, design, construction supervision)

- Power generation facilities
- Power distribution facilities
- Information and communication networks

#### Engineering

- Renewable energy power generation EPC
- Grid storage battery EPC

#### Group Companies

Nippon Koei Energy Solutions Co., Ltd. / Koei System Inc. / Koei Energy Co., Ltd. / Nippon Koei Energy Europe B.V. / Rnk Uk Investments Limited / Tollcux Investments Limited / Tollcux Finance Limited / Tollgate Energy Storage Limited / Cuxton Energy Storage Limited / Ruien Energy Storage Nv



## Business Partners



In order to realize the mission of the entire ID&E Group and increase its corporate value, the holding company is responsible for Group-wide governance (covering the Holdings' business management functions) and for providing services to the Group (shared services functions). Assuming the role of "increasing corporate value by providing a bird's-eye view of the entire Group to achieve overall optimization," we will demonstrate our abilities as a group of professionals well-versed in both internal and external situations.

### Main Services

**Business Management/  
Technology & Human Resources/  
Business Strategy/Sales & Regional Management**

#### Group Companies

Nippon Koei Business Partners Co., Ltd. /  
Nikki Corporation / Ei Koei Co., Ltd.

## ID&E at a glance

### Established

1946\*



The company was established in 1946\* by founder Yutaka Kubota, aiming for postwar reconstruction. More than 75 years later, the founding spirit continues on through our Management Philosophy, still flowing through our hearts.

\* Nippon Koei's founding year

### Staff numbers



Approx. **6,500**

Aiming to solve social issues, every one of our staff in Japan and abroad continues to take up the challenge and play an active role. We are continually striving to discover and develop professional talent.

### Sales in Japan



**Ranked No.1**  
in Sales in Japan's  
Civil Engineering  
Consulting Industry

Nippon Koei has established itself as Japan's No.1 civil engineering consultant regarding sales\*.

\* Source: "Sales ranking of engineering consulting firms in Japan," Nikkei Construction, April 17, 2023

### Operations

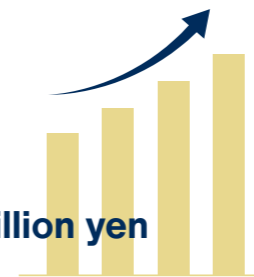


Over **160** countries  
and regions

Since foundation, we have developed social capital overseas, providing various Japanese technologies abroad.

### Revenue

Approx. **140** billion yen



Each of the three segments of Consulting, Urban & Spatial Development, and Energy continues to grow, and their sales volume is increasing yearly.

### Overseas sales ratio



We aim to increase our overseas sales ratio by meeting the needs of those living in each region with world-class technology.

### Project numbers per year



Approx. **9,000**

We continue to take on the challenge of solving various national, regional, and everyday problems through various projects.

### Subsidiary numbers

**84**  
companies



Group companies work together to solve problems and create value. We will continue to expand our network and achieve further growth.



# Sustainability

Based on our Management Philosophy, we believe that the Group's sustainability lies in the resolution of environmental and social issues through developing business strategies and promoting business activities that view environmental and social issues as growth opportunities.

Under the ID&E Group's Code of Conduct and Basic Sustainability Policy, each and every staff shall strive to address environmental and social issues with a high level of awareness toward the development of a sustainable society, and we shall make contributions on a global scale by leveraging our business.



## Basic Sustainability Policy

Our Group promotes sustainability management in order to contribute to the development of a sustainable society, based on fair and transparent corporate management that establishes trust with stakeholders and is guided by values shared within the Group.

### Contributing to Society through Our Business Activities

Environment	Social	Governance
Environmental conservation	Respect for Human Rights Human Resource Development Work Environment Improvement	Enhancement of Governance Conduct Business with Integrity

## Materiality

In order for the ID&E Group to address the issues facing the world through its business activities and to grow sustainably along with society, we have established issues regarding materiality that we will prioritize and leverage our strengths to help address.



## Well-Being Management System

In order to put the ID&E Group's Management Philosophy into practice, we believe that the first priority is the health of staff and their families. This is the reason why we promote health management.



## UN Global Compact

In July 2019, Nippon Koei expressed its support for the United Nations Global Compact (UNGC) proposed. Going forward, we will promote support for the proposal throughout the Group.



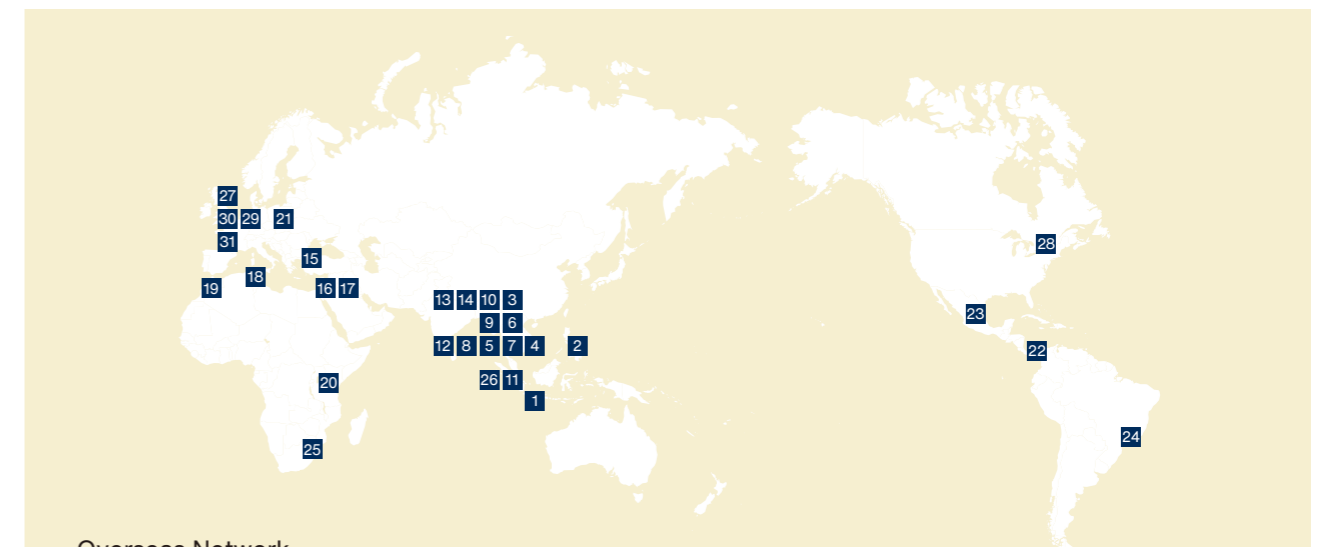


# History

- 1946** Nippon Koei established in Chiyoda-ku, Tokyo
- 1954** Received order for planning of Baluchaung Hydropower Plant in Burma (Company's first overseas project)
- 1958** Acquired Nikki Manufacturing Co., Ltd. (name changed to Nikki Corporation in July 1982, currently a consolidated subsidiary)
- 1963** Tokyo Stock Exchange Shares listed in the Second Section of the Tokyo Stock Exchange
- 1978** New head office building completed in Kojimachi, Tokyo; relocated head office Listing moved to the First Section of the Tokyo Stock Exchange
- 1986** Koei System Inc. established (currently a consolidated subsidiary)
- 1989** Philkoei International, Inc. established in the Philippines (currently a consolidated subsidiary)
- 1992** Pt. Indokoei International established in Indonesia (currently a consolidated subsidiary) El Koei Co., Ltd. established (currently a consolidated subsidiary)
- 1995** Kri International Corp. established
- 2003** Nippon Koei Latin America-Caribbean Co., Ltd. established (currently a consolidated subsidiary) Nippon Civic Consulting Engineers Co.,Ltd. became a subsidiary (currently a consolidated subsidiary)
- 2005** Tamano Consultants Co., Ltd. became a subsidiary
- 2007** Nippon Koei Lac do Brasil Ltda. established in Brazil (currently a consolidated subsidiary)
- 2008** Nippon Koei India Pvt. Ltd. established in India (currently a consolidated subsidiary)

- 2010** Nklac, Inc. established in Panama (name changed to Nippon Koei Lac, Inc. in September 2011, currently a consolidated subsidiary)
- 2012** Nippon Koei Vietnam International Co., Ltd. established (currently a consolidated subsidiary)
- 2013** Myanmar Koei International Ltd. established in Myanmar (currently a consolidated subsidiary)
- 2015** Koei Energy Co., Ltd. established (currently a consolidated subsidiary)
- 2016** UK-based architectural design company BDP Holdings Limited became a subsidiary (currently a consolidated subsidiary)
- 2017** Koei Research & Consulting Inc. established (Koei Research Institute International Corp. and System Science Consultants Co., Ltd. merged)
- 2018** Nippon Koei Bangladesh Ltd. Established in Bangladesh Nippon Koei Energy Europe B.V. Established in Netherlands (currently a consolidated subsidiary)
- 2019** Canada architectural design company Quadrangle Architects Limited became a subsidiary (currently a consolidated subsidiary)
- 2020** New head office building completed in Kojimachi, Tokyo (reconstruction)
- 2021** 75th Anniversary Project Implemented UK architectural design company Pattern Design Limited became a subsidiary
- 2022** Nippon Koei Urban Space Co., Ltd. launched
- 2023** Integrated Design & Engineering Holdings Co., Ltd. established Transition to holding company structure

# Network





# Company Information

## Company Outline

Corporate name	Integrated Design & Engineering Holdings Co., Ltd.
Representative	Hiroaki Shinya, Director and Representative Executive President
Established	July 3, 2023
Capital	¥7,500,000,000
Description of business	Management of business activities and related thereto of group companies
Head office	5-4 Kojimachi, Chiyoda-ku, Tokyo 102-8539, Japan TEL: +81-3-3238-8030
Stock Markets	Tokyo Stock Exchange Prime Market (Service sector: 9161)



## Major Companies

**NIPPON KOEI**

Nippon Koei Co., Ltd.  
5-4 Kojimachi, Chiyoda-ku, Tokyo 102-8539, Japan  
TEL: +81-3-3238-8030



**NIPPON KOEI  
URBAN SPACE**

Nippon Koei Urban Space Co., Ltd.  
2-17-14 Higashisakura, Higashi Ward, Nagoya City, Aichi Prefecture  
TEL: +81-52-979-9111



**BDP.**

BDP Holdings Limited  
11 Ducie Street Piccadilly Basin Manchester M1 2JB United Kingdom  
TEL: +44-161-828-2200



**NIPPON KOEI  
ENERGY SOLUTIONS**

Nippon Koei Energy Solutions Co., Ltd.  
5-4 Kojimachi, Chiyoda-ku, Tokyo 102-8539, Japan  
TEL: +81-3-3238-8030



**NIPPON KOEI  
BUSINESS PARTNERS**

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**Integrated Design & Engineering Holdings CO.,LTD.**

5-4 Kojimachi, Chiyoda-ku, Tokyo 102-8539, Japan

<https://www.id-and-e-hd.co.jp/english/>