





Message from Management

Our firm, ALMEC Corporation, was born in Tokyo in 1971 and has a nearly half-century history of providing a wide range of consulting services in planning and designing cities and regions in Japan and in more than 40 countries. ALMEC's professional expertise rests on three pillars, that is, comprehensive transportation planning, city and regional development planning, and environmental and social analyses and solutions.

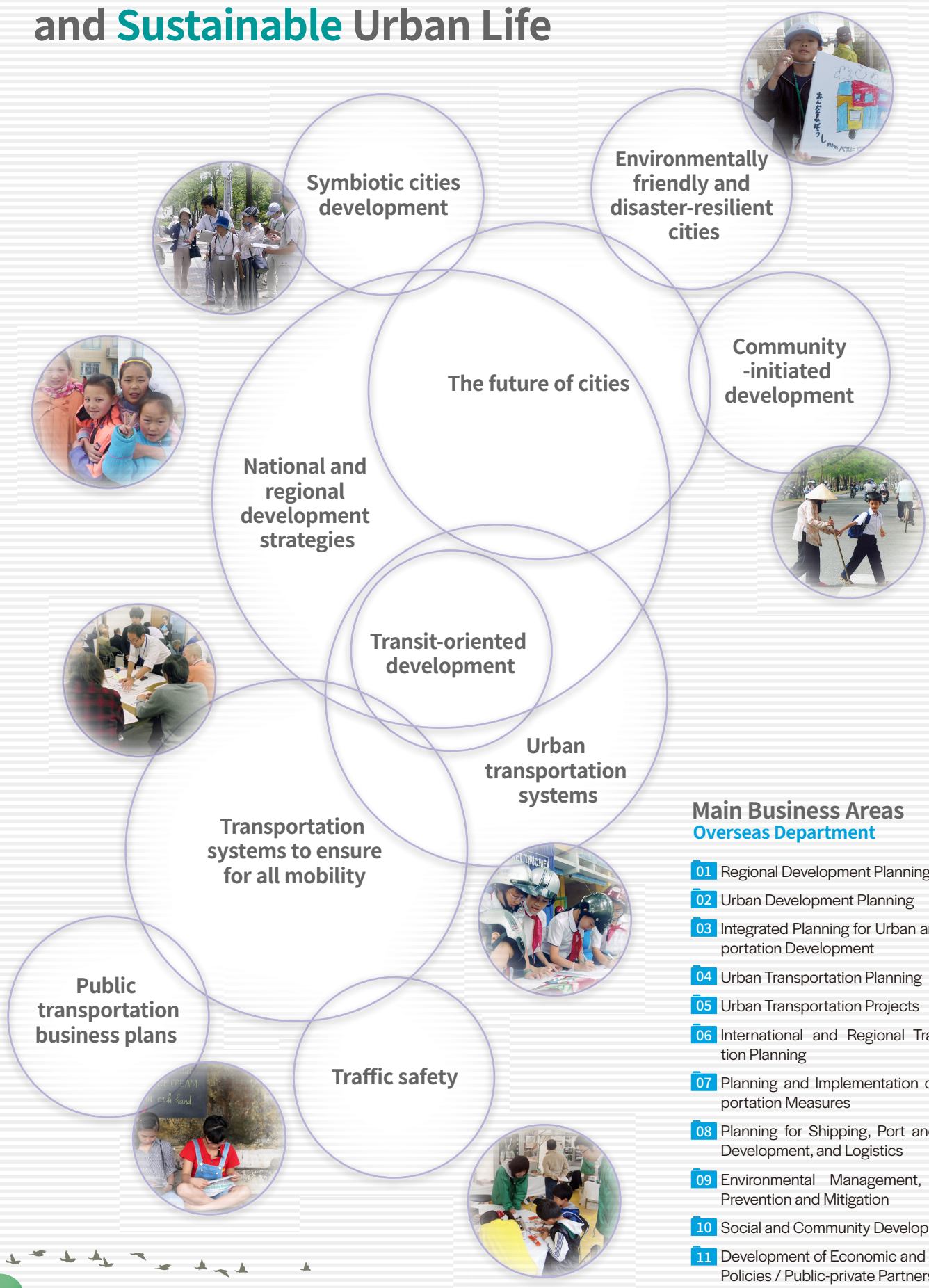
Armed with theoretical and practical knowledge, as well as the local and global perspectives, honed by decades of practice, we stand proud of our achievements in supporting governments and private organizations in their quest for sustainable visions, effective policies, and practical measures for prevailing development issues as well as emerging threats to, and opportunities for, growth.

As we move towards another half century of service, we in ALMEC will keep rising to the challenges presented by new development issues. We are committed to help communities, cities, and countries achieve their potential without sacrificing the future of the next generation.

Dr. Tetsuji MASUJIMA
Managing Director



Aiming for Better **Mobility** and **Sustainable** Urban Life



Main Business Areas Overseas Department

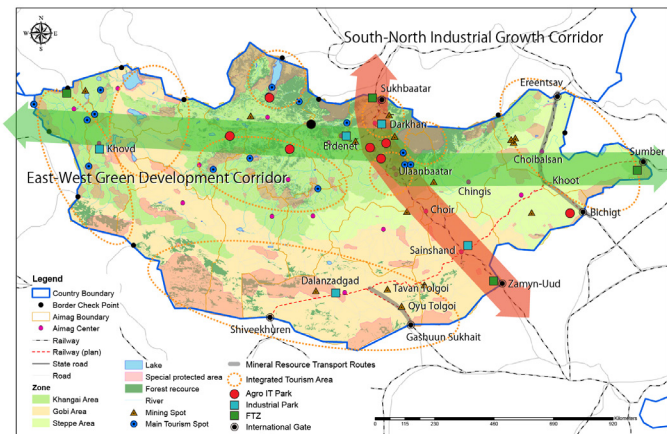
- 01 Regional Development Planning
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- 09 Environmental Management, Disaster Prevention and Mitigation
- 10 Social and Community Development
- 11 Development of Economic and Industrial Policies / Public-private Partnerships
- 12 Research and Development

01 Regional Development Planning

- Socio-economic Development Plans
- Regional Industrial Promotion and Development Projects
- Regional and Cross-border Development Plans
- Tourism Development Plans

The roles of local governments and communities have changed remarkably as a result of decentralization and globalization. To address these changes, comprehensive national development strategies, consisting of long-term visions and development scenarios, should be based on a holistic analysis of the social, economic, and environmental situations in both the domestic and international settings, while taking account of distinct historical and cultural nuances. The national development scenario should be integrated with comprehensive spatial planning, covering land use and transportation.

ALMEC has diverse experiences in integrated regional and transportation development planning and, as a result, has amassed valuable historical data and has built trusting relationships with local experts, leaders, and information sources. Thus, ALMEC can fully show its strength in formulating comprehensive national development strategies or master plans. These strategies and plans compile those for all relevant sectors and recommend the characteristics and roles of each sector based on proposed national development scenarios.



Comprehensive Spatial Plan of Mongolia

Technical Services

- Socioeconomic assessment (incl. social survey, market survey etc.)
- Environmental planning and historical and cultural analysis
- Transportation planning
- Land use planning (incl. GIS analysis of disaster mitigation and environmental protection measures, etc.)
- Preparation of implementation schemes / systems (incl. institutional arrangement), capacity enhancement
- Human resource development for planning, management, and industrial promotion

02 Urban Development Planning

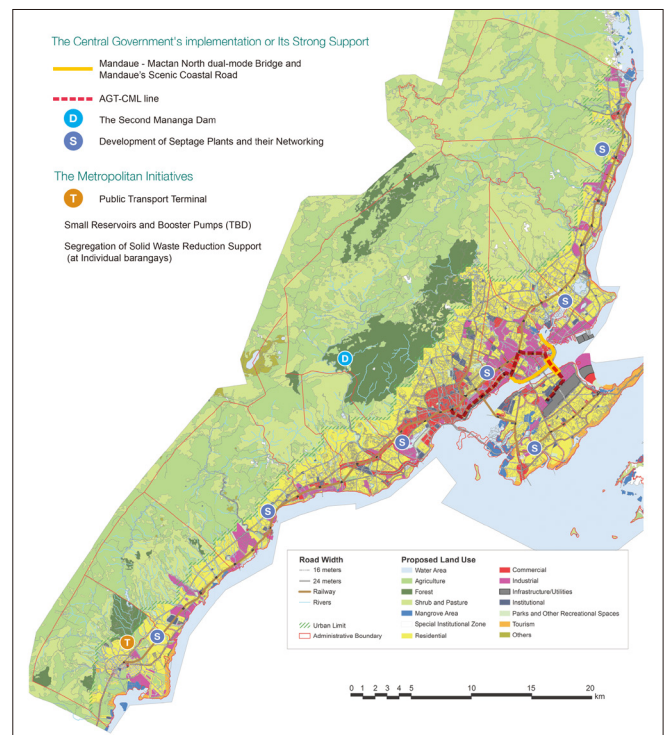
- Urban Development Master Plans
- Regional Cities Development Policies
- Sustainable Urban Development Strategies
- Capacity Development for Urban Planning and Management

Cities in developing countries face various problems associated with rapid economic growth and population increase, as well as with the changes in the global economy. As these cities grow, so does their impact on the global environment.

To formulate development strategies for such cities, a holistic approach is necessary and must cover social, economic, and environmental aspects; promote integrated spatial development; and build resilience against global environmental issues.

ALMEC proposes comprehensive development strategies to identify critical issues, mitigate risks resulting from rapid growth, and strengthen the potentials of each city.

ALMEC has significant expertise and management capabilities to apply participatory approaches, such as visioning, consensus building, and public involvement, in urban planning and development.



Roadmap for Sustainable Urban Development in Metro Cebu, Philippines

Technical Services

- Comprehensive urban diagnosis
- GIS-based development suitability analysis
- Household interview surveys
- Participatory planning
- Land use planning
- Urban management assessment, including PPP and land value Capture

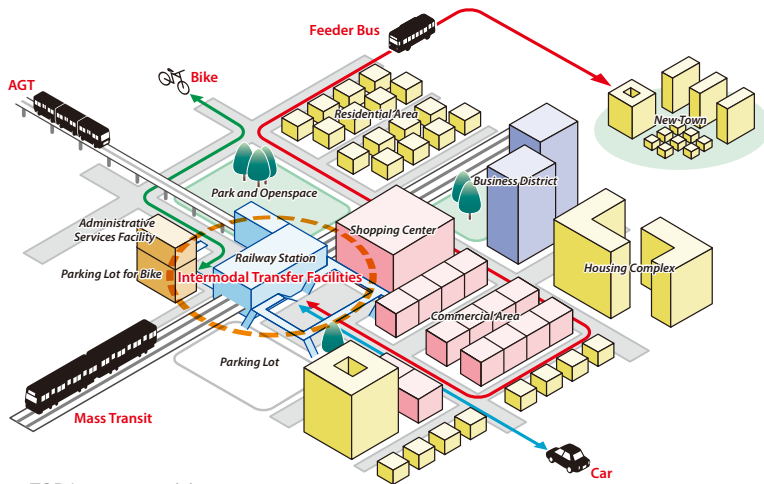
03 Integrated Planning for Urban and Transportation Development

- Station Area Development
- Intermodal Transfer Facilities
- Ekinaka (in-station) Businesses, Underground Malls, Station Buildings
- Accessibility Improvement Plans

By applying the transit-oriented development (TOD) concept in developing station areas, it can create compact cities, promote public transportation usage, reduce transportation costs and negative environmental impacts, and generate development opportunities with land value capture.

ALMEC proposes integrated station area development which includes urban and transportation development, institutional arrangements (regulation, organization, finance, etc.), and role sharing among stakeholders.

ALMEC also contributes to comprehensive technical cooperation from planning and policy formulation to project formulation and implementation including planning for intermodal transfer facilities and urban redevelopment projects around the stations.



TOD Image around the station

Technical Services

- Passenger demand forecasting
- Opinion surveys among station users
- Station plaza designs
- Planning for traffic and pedestrian flows
- Workshops on station area development

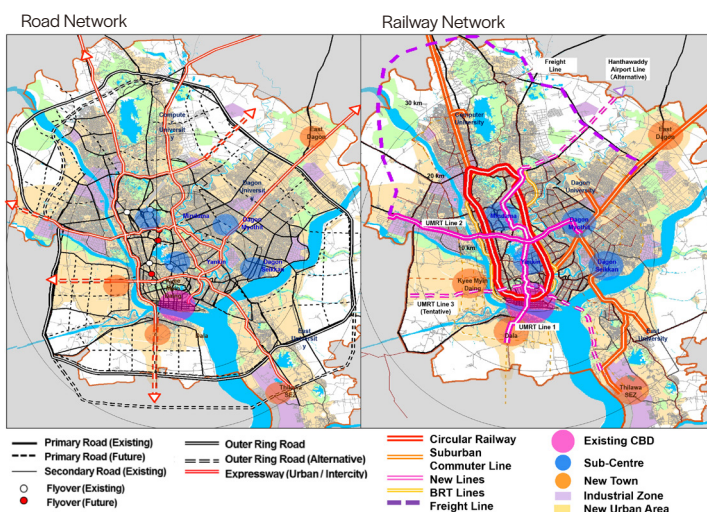
04 Urban Transportation Planning

- Comprehensive Urban Transportation Plans
- Urban Road Development Plans
- Public Transportation Network Plans
- Traffic Management and Safety Plans

In developing countries, traffic congestion in major metropolitan areas is getting worse due to increased traffic demand coupled with delays in improving main transportation facilities, such as roads and railways.

ALMEC proposes appropriate transportation policies and formulates comprehensive transportation plans using scientific and quantitative approaches such as traffic demand forecasting, economic analysis, and environmental and social studies. Traffic demand forecasts supported by reliable databases and demand models are utilized to evaluate traffic efficiency and impact on the environment.

In addition, ALMEC offers various measures to strengthen transportation institutions and facilitate funding, as well as implementation mechanisms, to achieve the goals of proposed plans.



Urban Transport Master Plan for Yangon (Myanmar) by 2035

Technical Services

- Traffic surveys (quantity and quality)
- Traffic demand forecasts
- Economic and financial analysis
- Environmental and social considerations
- Traffic microsimulations
- Situation analysis

05 Urban Transportation Projects

- Urban Railway Project Formulation
- Roads and Bridges Project Formulation
- Bus Rapid Transit Systems Project Formulation
- Traffic Safety Project Formulation
- Public Transportation Terminals Improvement Plans



Project Image

Traffic demand forecasting and project evaluation are two of the most important tasks in feasibility studies of large-scale transportation projects. Since urban transportation projects require huge amounts of funds, it is essential to evaluate whether the investments are economically and financially beneficial for the people and the country.

Detailed information and data, such as the people's time values and the costs of using vehicles, are necessary in cost-benefit analyses of transportation projects.

ALMEC has the know-how of conducting surveys and analyses in developing countries including traffic surveys, demand forecasting, and economic and financial analyses.

In addition, ALMEC provides efficient business development methods, skills, and funding schemes learned from the private sector, and offers proposals to ensure sustainable operation and management after infrastructure opening.

Technical Services

- Traffic surveys, demand forecasting
- Organizational development, capacity building
- Cost-benefit analyses
- Business profitability studies
- Options on business establishment (e.g., separation of operations from infrastructure, public-private partnerships)

06 International and Regional Transportation Planning

- National Traffic Plans/Strategies
- Cross-border Transportation Plans
- Regional Logistics Plans

In recent years, the movement of people and goods across borders has increased, requiring regional transportation services to respond to more diverse needs.

Transportation infrastructure requires large and long-term investments, so there is a need to make comprehensive strategies that can be shared among, and agreed upon by, various stakeholders and interested parties.

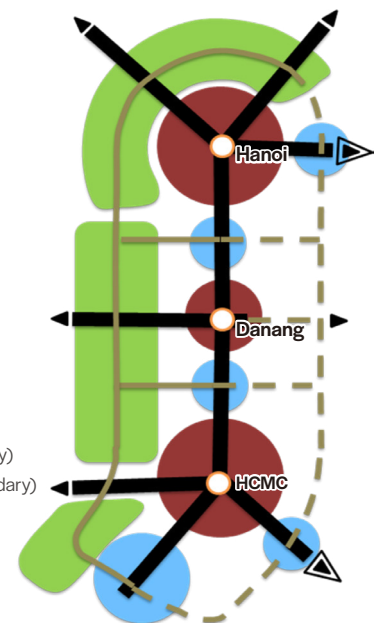
In formulating international and regional transportation plans, a wide range of variables has to be considered: Future land structure, political and economic relations with neighboring countries, actual conditions of cross-border transportation, and the ripple effects on regional economies are important aspects to study.

Development Clusters

- Primary (NFEZ, CFEZ, SFEZ)
- Secondary (coastal)
- Secondary (upland)

Development Corridors

- Primary (road/rail/air/water)
- Secondary (road/rail/air)
- Secondary (sea/water)
- ▲ International gateways (primary)
- ▲ International gateways (secondary)



Example of a National Transport Framework: VITRANSS 2010

Technical Services

- National traffic surveys
- Corridor analyses
- Cross-border traffic surveys
- Connectivity analyses
- Dialogue with donors

07 Planning and Implementation of Transportation Measures

- Comprehensive Public Transportation Improvement Measures
- Traffic Management Project Formulation
- Traffic Safety Policies
- Smart Transport Project Formulation
- Personnel Training and Capacity Building

To alleviate urban traffic problems, such as congestion, it is necessary to improve public transportation infrastructure and promote a shift from private vehicles to public transportation through public information.

Even if bus and railway services are provided, the people's needs should be considered to increase PT ridership such as affordability, safety, comfort, reliability, etc. To respond such a needs, efficient and effective measures on operation and management, bus and rail maintenance, and business management are necessary.

ALMEC has created a cooperation scheme with various actors, including bus and railway operators, traffic police, private vendors. Bus and railway operators can share those specialized skills and know-how in project planning, organization and institution building, planning and implementation of transportation measures.



Wrap advertising bus promotion

Technical Services

- Bus, rail network / operation planning
- Pilot project implementation
- Establishment of IC card systems
- Traffic safety education, engineering, and enforcement
- Mobility management
- Capacity building

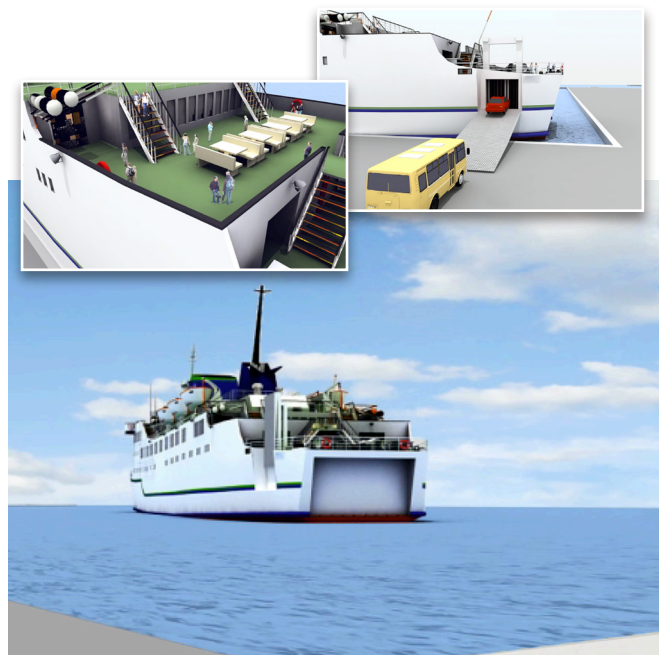
08 Planning for Shipping, Port and Airport Development, and Logistics

- Maritime Transportation Development Plans
- Logistics Development Strategies
- Domestic Shipping Promotion
- Maritime Industry Promotion

The development of logistics networks and infrastructures is indispensable to the economic growth of developing countries, especially in the face of globalization.

Plans for shipping, port and airport development are heavily influenced by national policies on free trade and port development. It is also essential to take domestic and international politics into consideration, as regional alliances influence the international economy.

ALMEC creates comprehensive and feasible plans in this field, which requires a wide range of specializations, by using its wide network of experts familiar with logistics services and infrastructure / transportation practices.



Example of a RORO Ship

Technical Services

- Freight and passenger demand forecasting
- Vessel forecasting
- Ship finance
- Maritime logistics promotion
- Inter-island transportation system planning
- Fleet maintenance planning

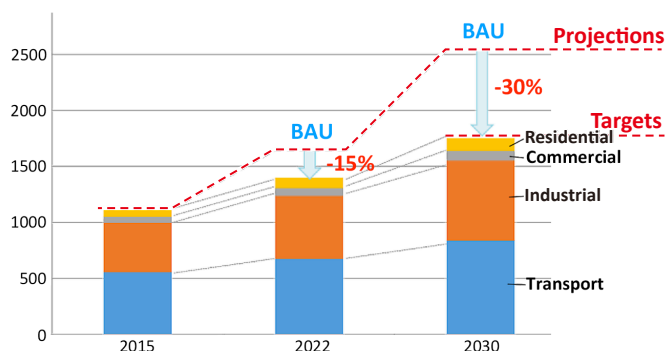
09 Environmental Management, Disaster Prevention and Mitigation

- Eco-city Plans
- Low-carbon City Projects
- Green Economy Policies
- Disaster Management

In the face of global environmental changes, adopting the ecological city concept is imperative. Being environmentally friendly and resilient to disasters requires various sectors to work together to prevent or minimize air and water pollution, manage solid waste, promote recycling, and improve urban greenery, among others. Such environmental measures which mitigate the effects of, and allow cities to adapt to, climate change have to be integrated with urban development strategies to achieve sustainable development.

ALMEC analyses the environmental conditions and development statuses of each city and proposes comprehensive environmental strategies combined with socio-economic schemes.

ALMEC also conducts feasibility studies of low-carbon city projects, particularly for the transportation sector, such as electric bus operation. ALMEC utilizes advance Japanese technologies and examines their application in developing countries.



CO2 emissions projections and targets for Mandaue City



Electric tricycles introduced in Luang Prabang

Technical Services

- Environmental impact assessment
- Formulation of 3R (Reduce, Reuse, Recycle) strategy
- Mitigation and adaptation
- GIS simulation for disaster management
- Monitoring, reporting, and verification (MRV) of GHG emissions

10 Social and Community Development

- Resident Participation in Development
- Microfinance
- Promotion of Local Industries
- Gender Mainstreaming

To promote sustainability, it is not only economic growth that should be pursued; social development is equally important. Social development includes health, education, employment, living conditions, aging society, etc. The term is also used to indicate a development approach which enjoins people to participate in development decisions and be empowered, promotes gender equality and human rights, engenders self-help and independence, and realizes social justice. Social development and economic growth complement each other.

ALMEC values these principles and applies them in helping communities to improve lives and livelihoods and to strengthen the functions of local administration.



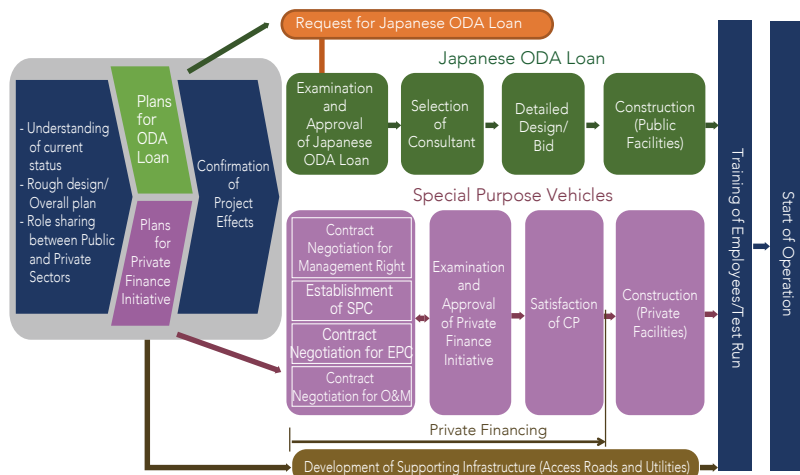
Agricultural training in a gender mainstreaming project

Technical Services

- Participatory surveys and workshops
- Gender analysis
- Social and market surveys
- Organizational analysis / Strengthen institution / PCM (project cycle management)

11 Development of Economic and Industrial Policies / Public-private Partnerships

- Foreign Investment Promotion
- Feasibility Studies of PPP projects
- Promotion of Small and Medium Enterprises
- Development of Local Industries



Implementation Process of PPP Projects

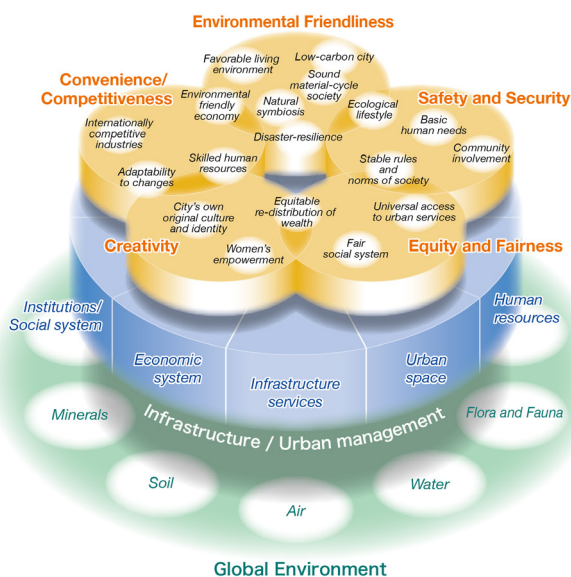
Mobilizing private and public funds is essential for national economic growth. In addition, in developing countries, it is necessary to develop basic regulatory systems, such as financial markets, investment strategies, and PPP laws, and to strengthen the capacity of organizations and personnel to implement economic and industrial policies. ALMEC develops PPP schemes for infrastructure projects, such as railway and roads, and proposes policies/schemes on foreign direct investment (FDI) including promoting small and medium enterprises. In all its assignments, the firm builds institutional, organizational, and individual capacities. For PPP projects, ALMEC examines their financial feasibility, delineates the responsibilities of the public and the private sectors, and develops plans to establish special purpose companies in cooperation with private bidders.

Technical Services

- Macroeconomic sector and regulatory analysis
- Business environment studies
- Economic and market analyses
- Development of financing mechanisms
- Risk analyses and development of security packages for PPP financing

12 Research and Development

- Sustainable city concept
- New planning technologies and evaluation frameworks
- Research on advanced cities/ technologies in Japan
- Promotion of SDGs



Concept of Sustainable Cities

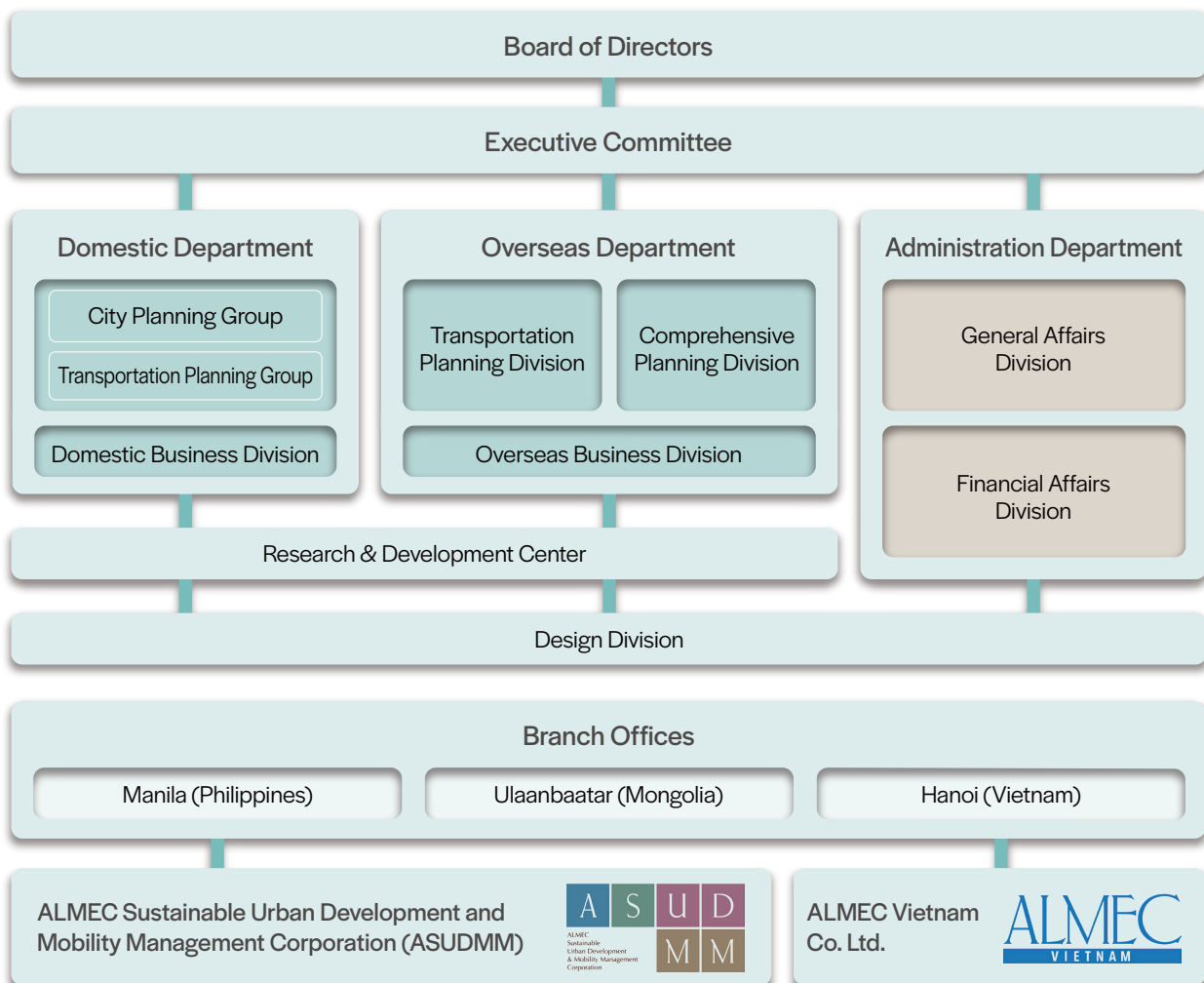
What is sustainable development? While many projects set sustainable development as their goal, there is no one-size-fits-all approach to pursuing sustainable development. Especially in a rapidly changing world, continued innovations are essential to respond to both prevailing issues and emerging challenges. ALMEC examines what sustainable development is through partnerships with donor agencies, governments of developing countries, and the private sector in the form of new planning technologies, comprehensive development planning, and identification of technologies appropriate for each project site. ALMEC has signed the UN Global Compact and has joined the Global Compact Network in Japan (GCNJ) to help achieve the UN's Sustainable Development Goals (SDGs).

Technical Services

- Sustainable Development Goals (SDGs)
- Evaluation of appropriate technologies
- Demand forecasting
- Land-use evaluation
- Innovative process analysis

Registered Name	ALMEC CORPORATION	
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Personnel	Transport Specialists and Planners, Environmental Specialists, Financial Analysts, Institutional and PPP Specialists, Capacity Development Specialists, Operation and Management Specialists, Designers	Regional and Urban Planners Economist Transport System Engineers Disaster Management Specialists Community Development Specialists Project Coordinator and Facilitator
Turnover	1.3 billion Yen in 2016,	1.3 billion Yen in 2017
(gross fees)	1.4 billion Yen in 2018,	1.6 billion Yen in 2019

Company Structure



Our People

At any given time, we have a pool of 60 experts and professionals, comprising regional and urban planners, transportation planners, engineers, environmental specialists, systems engineers, economists, financial analysts, sociologists, etc. This pool is supplemented by individual associates who are specialists and academicians from various fields.

We work extensively with local consultants to ensure technology transfer, a key tenet of our organization.



ALMEC signs UNGC

The United Nations Global Compact (UNGC) is a call to companies to align their strategies and operations with the 10 principles in the areas of human rights, labor, environment, and anti-corruption. Heeding this call, we pledge to conduct our activities in accordance with the UNGC principles, including helping to achieve the United Nations Sustainable Development Goals (SDGs).



Promotion of mobility management through lectures on bus riding behaviour for elementary school students in Vietnam

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