

80 YEARS

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Southeast Asia



1936 Prof. Dr. Agatz published a textbook for elementary and seminal for hydraulic engineering entitled *The Battle of the Engineer to Earth and Water in Foundation*

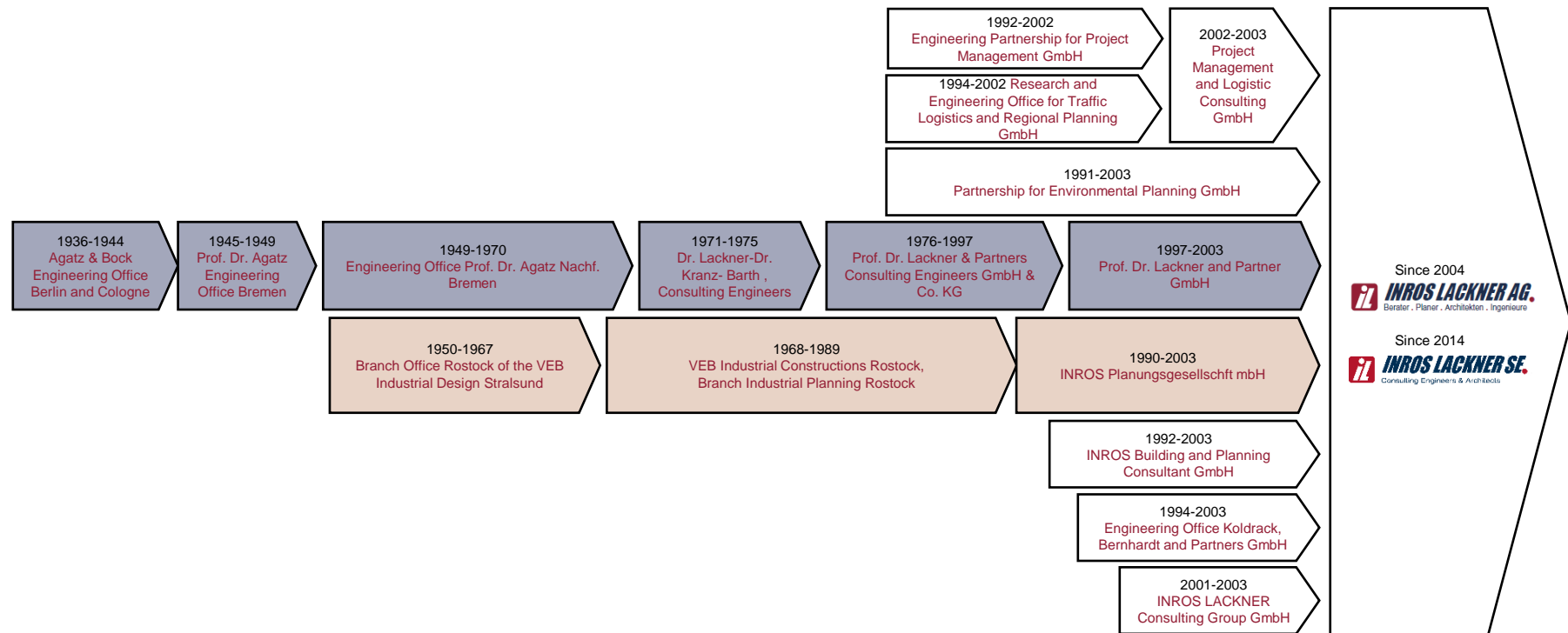
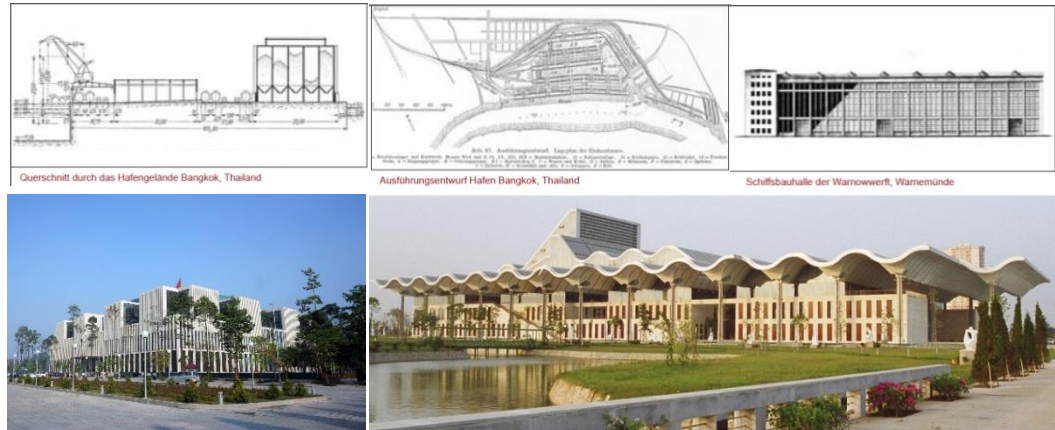
1937 First international contract, expansion of the seaport in Bangkok, Thailand

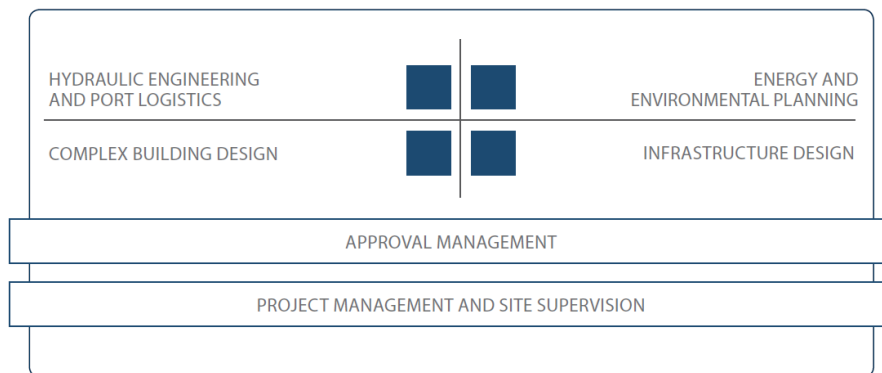
2002 Foundation of Inros Lackner Cambodia

2004 First project in Vietnam, the National Convention Centre Hanoi, Vietnam (joint venture with gmp)

2008 Foundation of Inros Lackner Vietnam LLC

2015 Completion of National Assembly House in Hanoi





Employees

A prerequisite of successful development is a high professional qualification. Experience is passed on and expanded. Today, over 600 employees work at more than 20 national and international locations and are responsible for the development and implementation of projects. They use consolidated, in-depth technical and specialist knowledge that ultimately is the key to success. Education and training play, therefore, an important role, as does promoting intercultural education as well as team and communication skills.



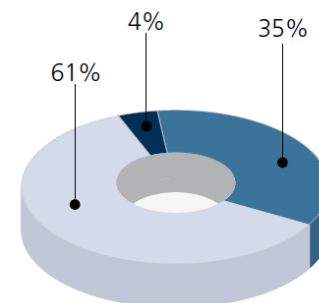
Quality management

Guaranteeing quality is a continuous process. Our internal quality management system is certified in accordance with D IN EN ISO 9001-2008

Design from a single source

We offer a wide range of expertise, which has continuously been expanded throughout the company history. We provide services in the fields of hydraulic engineering and port logistics, integrated building design, energy and environmental design and infrastructure design.

-  Engineers/ Architecture
-  Corporate Management
-  Technical and Commercial Staff Members



“The quality of our design is based on connecting multiple key competences from the areas of structural, hydraulic, transportation and civil engineering as well as approval and project management ”

il Locations and affiliated companies

The decentralized company structure with numerous locations, affiliated companies and international offices combines local expertise and international knowhow.



il International offices

INROS LACKNER (CAMBODIA) CO LTD (ILKH) is an affiliated company of **INROS LACKNER SE** of Germany. ILKH was founded in 2002 in Phnom Penh and is an 100% foreign owned company under the investment law of Cambodia.


ILKH has been providing civil and structural engineering services to public and private sector clients in Cambodia, Vietnam and Germany and currently employs 40 engineers and technicians.

INROS LACKNER VIETNAM LLC (ILVN) was established in 2008 under the Investment Law of Vietnam as a 100% foreign invested company by its sole Investor **INROS LACKNER SE**, Germany.

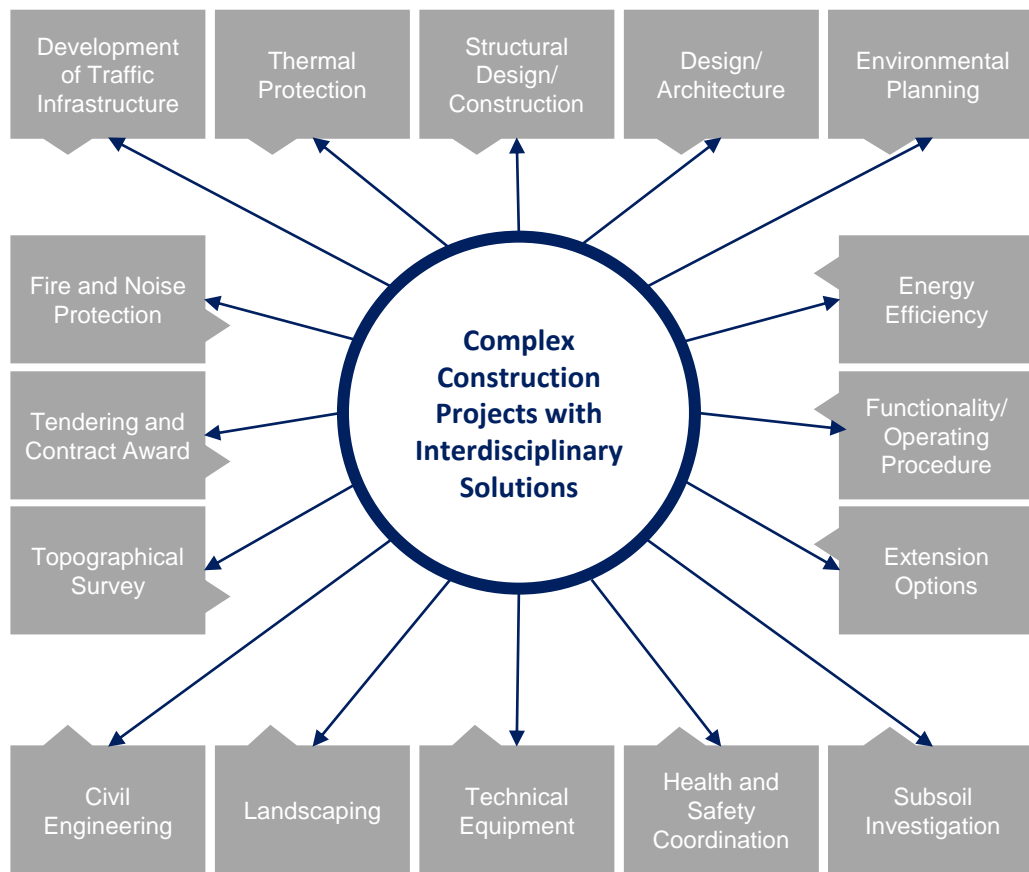
ILVN has been providing architectural and mechanical & electrical design and supervision services for projects in Vietnam, Cambodia and Germany. ILVN currently employs 35 architects and engineers.

The combined experience and expertise of **INROS LACKNER SE**, **INROS LACKNER VIETNAM** and **INROS LACKNER CAMBODIA** puts us in the position to offer a wide range of engineering consultancy services in Asia.

The services provided by **INROS LACKNER** include:

-  **Architectural design & supervision services**
-  **Civil and structural design & supervision services**
-  **MEP design and supervision services**
-  **Topographic Survey and Digital Terrain Modelling**
-  **Geotechnical Investigation**
-  **Pile Testing**
 - Industrial/ Commercial buildings
 - High-rise buildings/Residential buildings/Office buildings/Hotels
 - Convention/ Exhibition
 - Hospital buildings
 - Institutes/ Laboratories
 - Educational buildings
 - Sport facilities

il Specialized and master planning



il Hydraulic engineering and port logistics

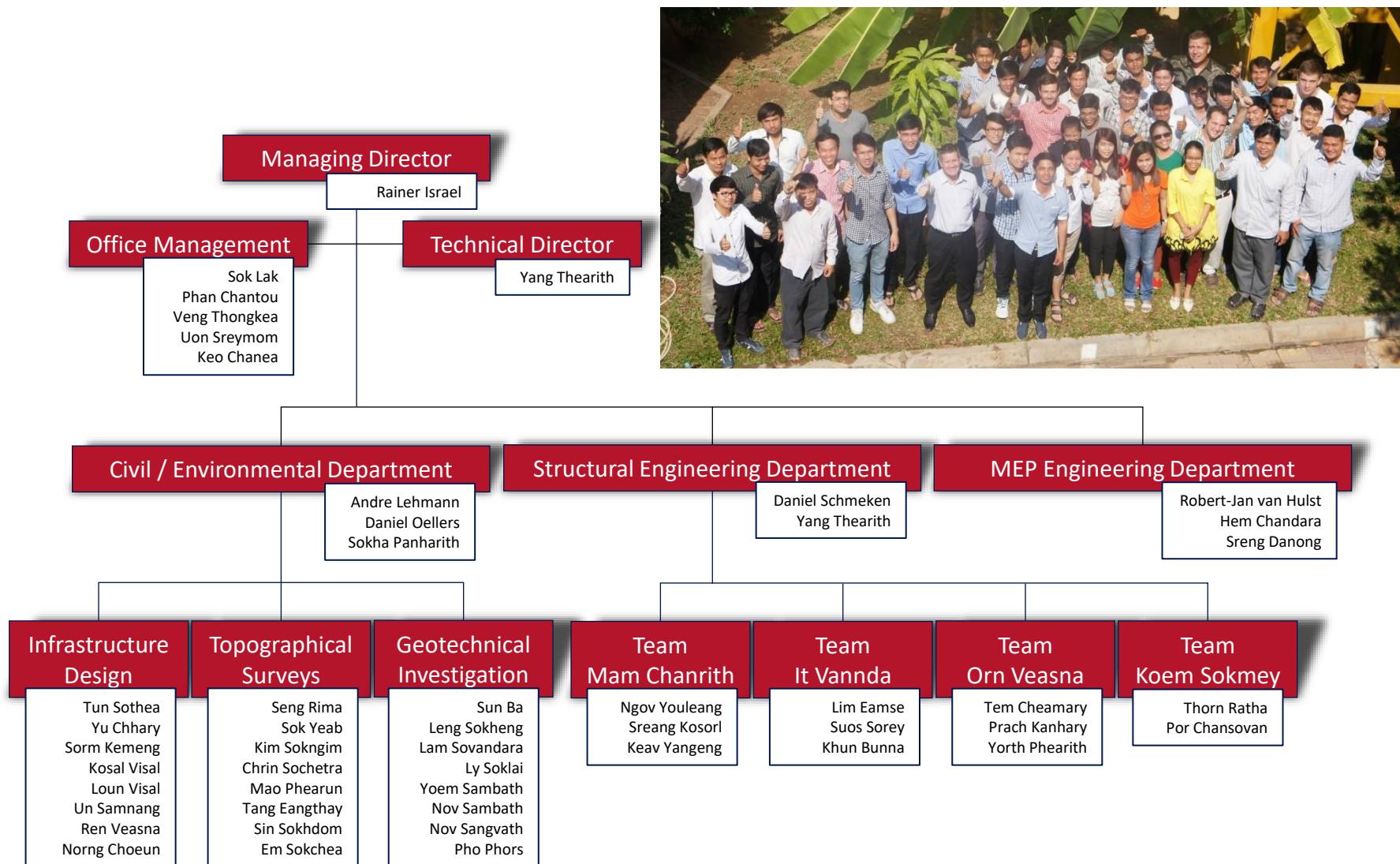
- Seaports and River ports
- Flood Protection / Dykes
- Inland waterways
- Flood retention basins
- Locks/ Weirs/ Barrages
- Marinas/ Jetties
- Shipyards
- Breakwaters
- Transshipment platforms
- Offshore structures
- Coastal protection structures

il Integrated building design

il Energy and environmental planning

il Project management and site supervision

il Infrastructure design



Selected Civil Engineering References Cambodia

Cambodia

Rehabilitation of 550 km of roads and bridges in five provinces,
Construction of two community piped water supply schemes with 1,800 household connections, each

Royal Government of
Cambodia, Ministry of Rural
Development

KfW / AFD / EU-AIF

2021 - 2026

Socio-economic studies,
Topographic surveys,
Geotechnical investigations,
Hydrological studies,
Detailed design,
Preparation of bid documents,
Site supervision road works,
Environmental & social safeguard

EUR 125,000,000



National Water Resources Data Management Center Cambodia



Project

Construction of a five-story office building with a floor area of 8,880 m²

Client

Royal Government of Cambodia,
Ministry Water Resources and
Meteorology

Finance Agency

ADB Loan No. 3877-CAM

Implementation

2022 - 2024

Scope of Service

Structural building design
Preparation of tender documents
Supervision of structural works

Total Investment

US\$ 7,500,000



Techo International Airport

Phnom Penh, Cambodia

Project Description:

Construction of a 4F-class airport on an area of 2,600 hectares in the Kandal Province south of Phnom Penh.

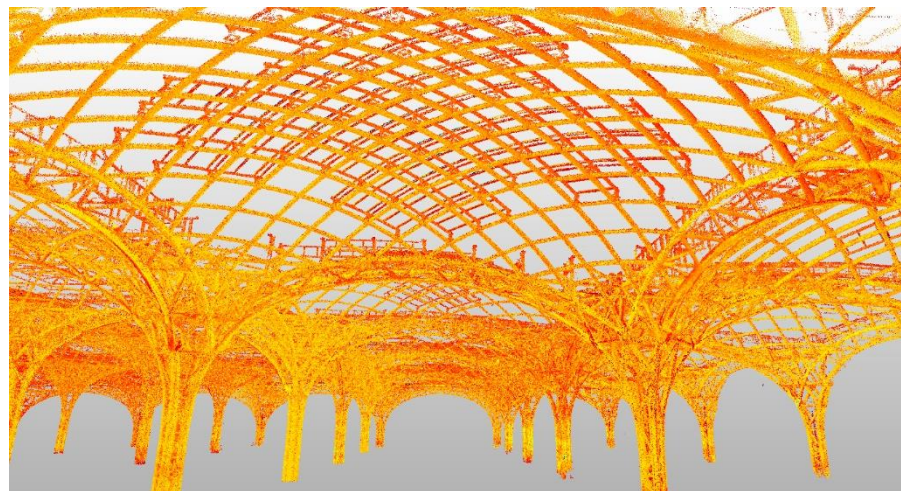
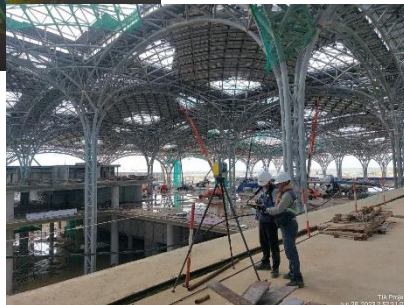
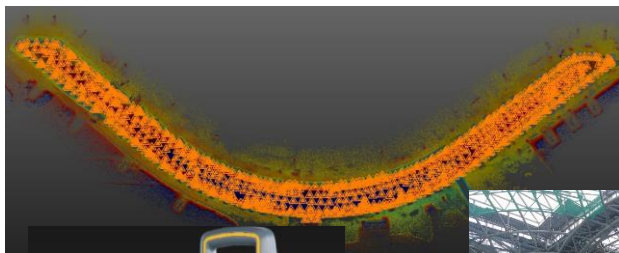
Investment volume: 1.5 Billion USD

Scope of services by ILKH:

- 3D laser scan of the supporting steel structure of the Head House and the Northwest Pier
- Editing and processing of point cloud data
- Generation of a 3D surface model of the steel structure

Client: LBL International Construction Co., Ltd.

Year: 2023



KMH Park Phnom Penh, Cambodia



Project Description:

50-ha mixed use development with shopping mall, offices and residential buildings.

Client:

Urbanland City Development

Project Manager:

Urbanland Asia

Architect:

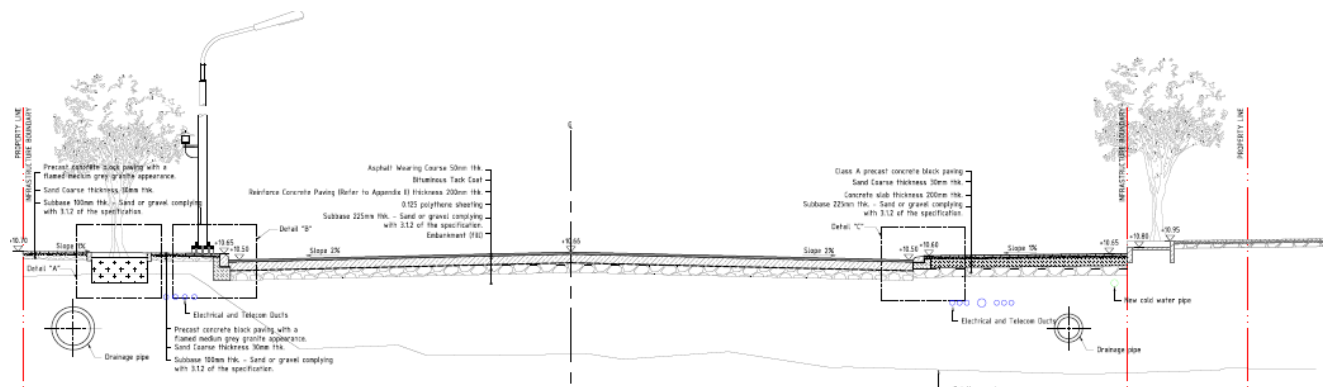
HKA & Partners

Service by Inros Lackner:

Concept, detailed design and tender documents for:

- Earth- and demolition works
- Pavements
- Stormwater drainage
- Wastewater drainage
- Fresh water distribution
- Electrical and telecoms ducting
- Street lighting

Year: 2019 - 2020



CHANKIRI PALM CREEK

Phnom Penh, Cambodia



Project Description:

Development of a residential area on 13 ha of land located in Khan Dangkor in Phnom Penh.

Client:

URBANLAND HOMES CO., LTD

Project Manager:

Urbanland Asia

Architect:

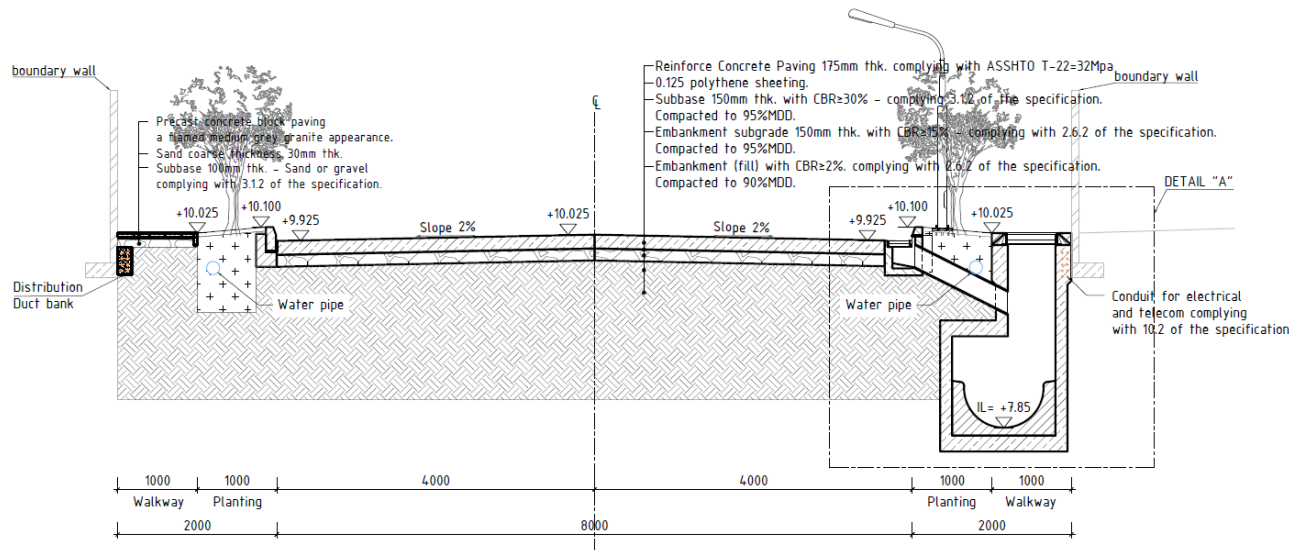
HKA & Partners

Scope of services by ILKH:

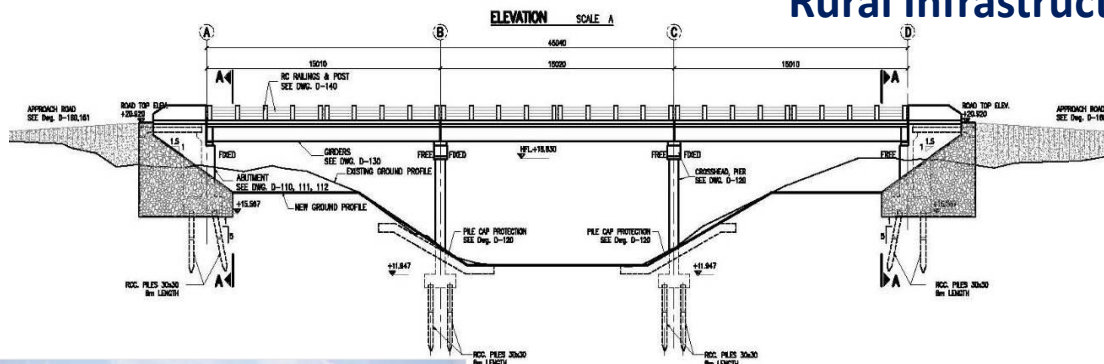
Feasibility project study for civil infrastructure,
Concept, detailed design and tender documents for:

- Earthworks
- Pavements
- Stormwater drainage
- Wastewater drainage
- Fresh water distribution network
- Electrical and telecoms ducting
- Street lighting

Year: 2019 - 2021



Tertiary Road Improvement Programme Phase IV Rural Infrastructure Programme Phases I, IV, V & VI



Project

Rural Infrastructure Programme, rehabilitation of roads, bridges, markets and water ponds in the provinces of Siem Reap and Kampong Thom

Client

Royal Government of
Cambodia, Ministry of Rural
Development

Finance Agency

Kreditanstalt fuer Wiederaufbau
(KfW)

Implementation

2005-2021

Scope of Service

Socio-economic studies,
topographic surveys,
geotechnical investigations,
detailed design, preparation of bid
documents,
site supervision road contracts

Total Investment

EUR 48.000.000

CMIC Cement Plant

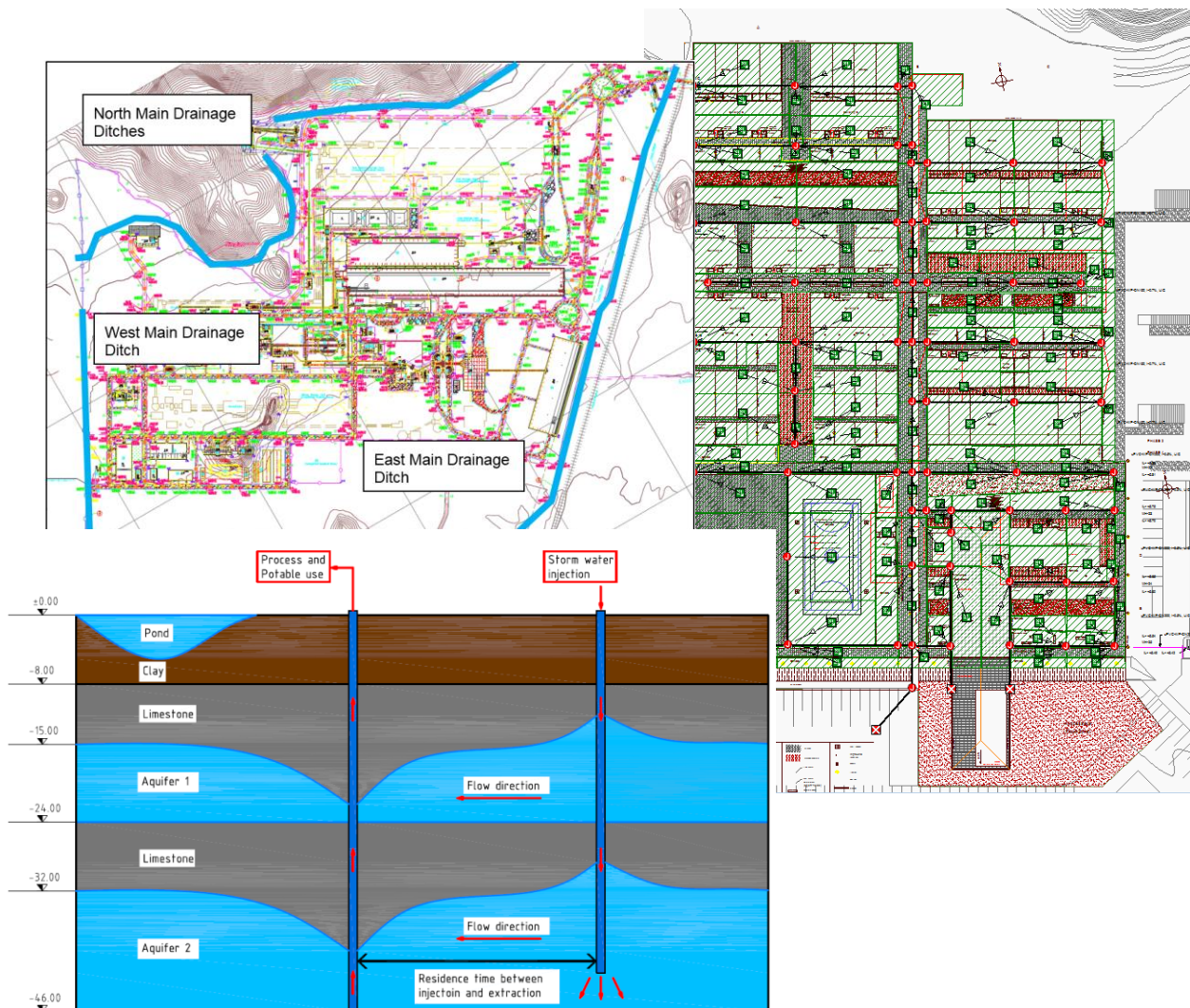
Kampot Province, Cambodia

Project Description:
Water Management Study

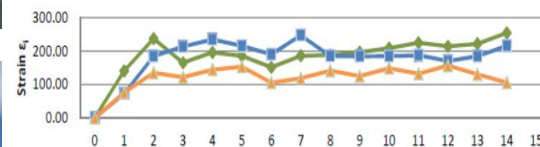
Client:
Chip Mong Insee Cement Corporation

Scope of Service by IL:
Water balance assessment;
Review of the existing drainage designs by applying hydrodynamic modelling of the drainage network; drainage system design recommendations

Year: 2017



Exchange Square Phnom Penh Cambodia



Project Description:

Grade A mixed-use development with 20-storeys and 4 basement levels

Developer:

Hongkong Land (Cambodia) Ltd

Design:

Arup, Aedas Hong Kong

Contractor:

POSCO E&C

Service by ILKH:

Survey and design of storm water drainage system;
Subcontractor services to POSCO E&C:

- Structural design of all temporary works,
- Monitoring of excavation and lateral support (ELS),

Year: 2014 - 2016



Residence 90 Phnom Penh, Cambodia

Project Description:
Housing development with 90 villas
on a 2.7 ha plot of land at the
Phnom Penh City Centre

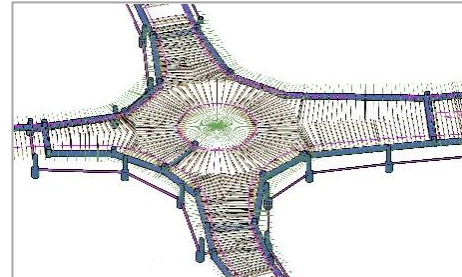
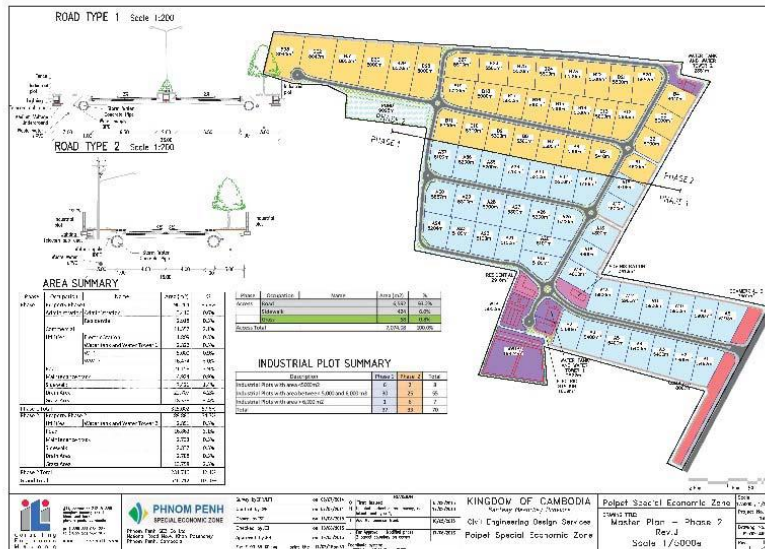
Developer:
Lifestyle Creations Limited

Service by Inros Lackner:
Review of architectural concept,
Schematic and detailed
architectural, civil, structural & MEP
design services

Year: 2014 - 2016



Poipet Special Economic Zone Poipet, Cambodia



Project Description:

Development of an 56 hectare industrial park in Poipet

Developer:

Phnom Penh Special Economic Zone

Service by Inros Lackner:

- Topographical survey
- Geotechnical investigations
- Hydrological study
- Road network design
- Storm and Wastewater networks
- Waste water treatment plant
- Fresh water supply network and storage tanks
- Electricity network and substation
- Preparation of bidding documents

Year: 2015 - 2016





UNESCO Office

Phnom Penh, Cambodia

Project Description:

Structural Assessment of of
UNESCO Building on
Sothearos Boulevard

Client:

UNESCO Office Phnom Penh

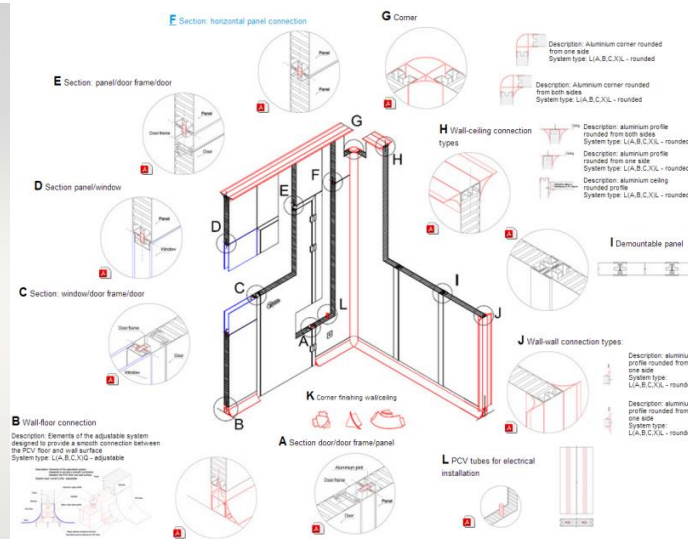
Scope of Service by IL:

Architectural and structural
survey,
Structural investigations,
Geotechnical investigations,
Structural analysis

Year: 2015



National Laboratory of Drug Quality Control Phnom Penh, Cambodia



Project

Health Sector Support Project,
Construction of National
Laboratory of Drug Quality
Control

WB – Credit #IDA 3728 KH

Client

Royal Government of
Cambodia
Ministry of Health

Implementation

2012-2013

Scope of Service

Architectural, structural and
MEP design of laboratory area
Construction Supervision

Project

Provincial Town Improvement
Project, Ministry of Public Works
and Transport,
ADB loan 1724-CAM

Sewerage System for
Sihanoukville, Cambodia

Client

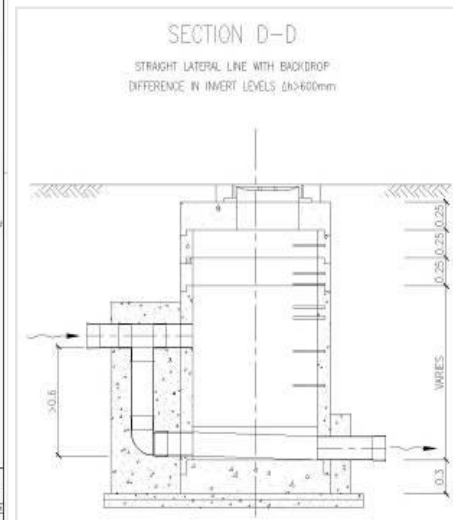
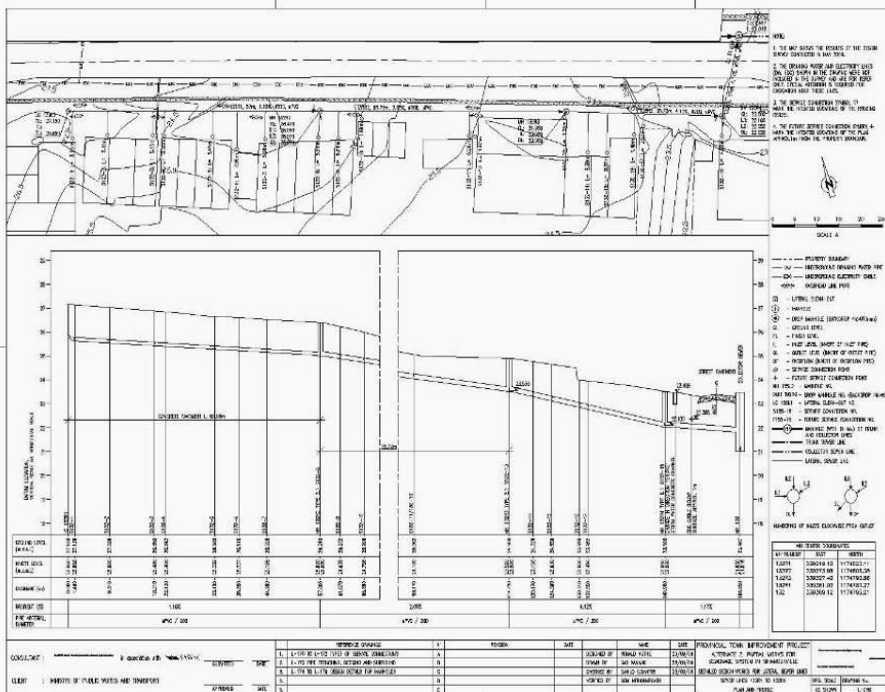
JV Hyundai, Hyundai-Mobis,
Seng Enterprise

Scope of Service

Topographic survey and
detailed design for the
sewerage system of
Sihanoukville Town with 4000
service connections, 44km
sewer lines

Investment Cost

US\$ 5 million



Container Terminal Cai Mep Vungtau. Vietnam



Client:
Confidential

Services:

- Preliminary design
- Tender documents
- Tendering and allocation
- Site supervision and site management according to FIDIC (Yellow Book)
- HSE

Investment costs:
80 million USD



