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01 **An Overview of PEC** 1. Company Overview 2. Profile of PEC 3. Business Area of PEC

PYUNGHWA ENGINEERING CONSULTANTS

Company Overview

Chairman's Message

PEC has been carrying out its responsibility for the infrastructure invested by the government and private sectors to create an abundant space for human beings through full spectrum of its engineering business solutions-planning, design, construction supervision and maintenance services in the field of construction engineering.

As a result of continuous efforts in developing overseas construction markets based on our accumulated expertise and rich experience, PEC is now the leader of "Globalization" of South Korean civil engineering technology by carrying out numerous civil engineering projects in more than 20 countries in the world.

It is our pleasure to proudly present the introduction of our Company.

With gratitude for the trust that you has shown towards PEC, we will devote ourselves to make a successful global engineering, which contributes fully to the society and to stay competitive internationally through a variety of services in the construction engineering filed.

Sincerely yours,

Jae-Won Kwon Chairman/CEO, PEC





Profile of PEC

PROOF Corporate Establishment

Founded in 1995

******* Chairman

Jae-won, Kwon

>>> The Number of Employees

680 (M.S: 164, Ph.D: 37, P.E: 166)

Wision

Global Engineering Company, 2020 Global Top 100

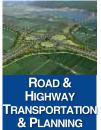
>>> ENR

210th in Top 225 International Design Firms 2016



Business Area of PEC

⊌ Transportation

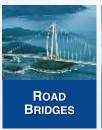








Bridge & Structure











Water Sector





WATER USE



ENVIRONMENT



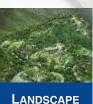
TREATMENT





COMPLEX





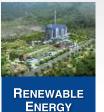
ARCHITECTURE

⊌ Plant Engineering









EEC

PYUNGHWA ENGINEERING CONSULTANTS

Organization



02

Core Business Sectors & Projects

- 1. Transportation
- 2. Bridge & Structure
- 3. Water Sector
- 4. Human Settlement
- 5. Plant Engineering





Road construction work between Samjang~Sanchung (National Road No. 59) KOREA





















The Other Bridges

Leading 21st Century, Global Engineering Consultan









Dongbok Raw Water Conveyance Tunnel Construction Hwasun, KOREA



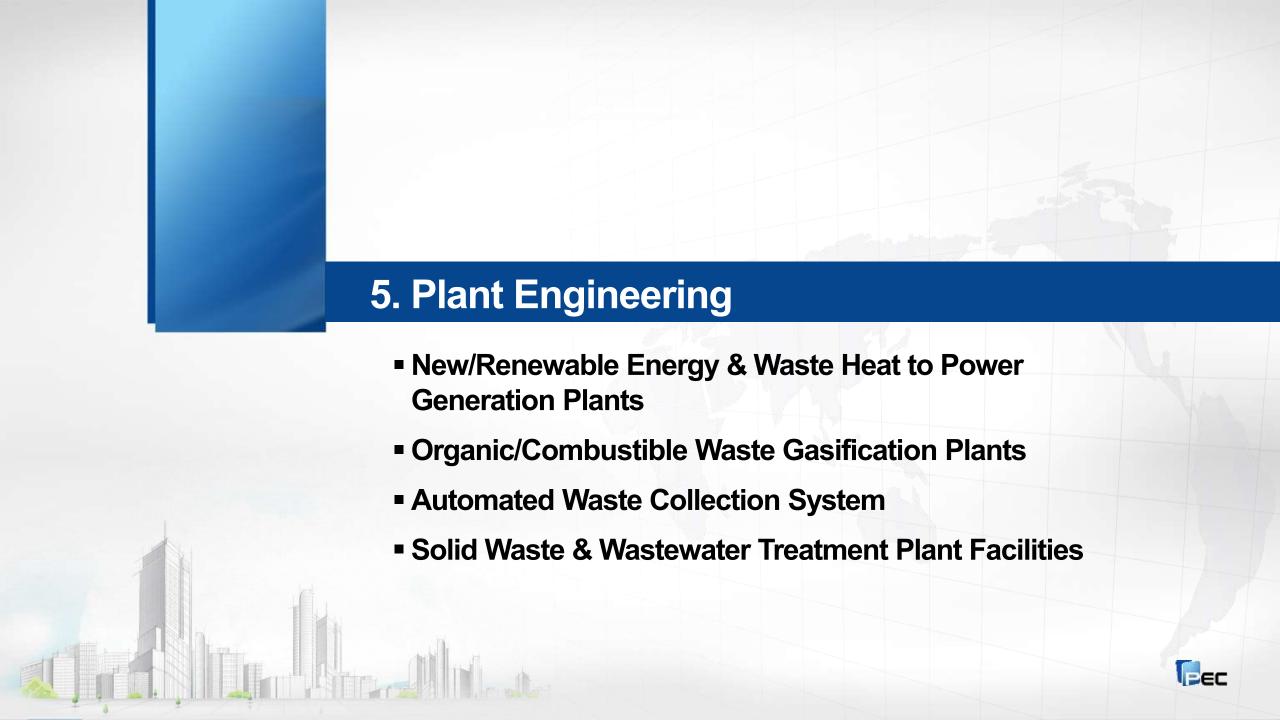


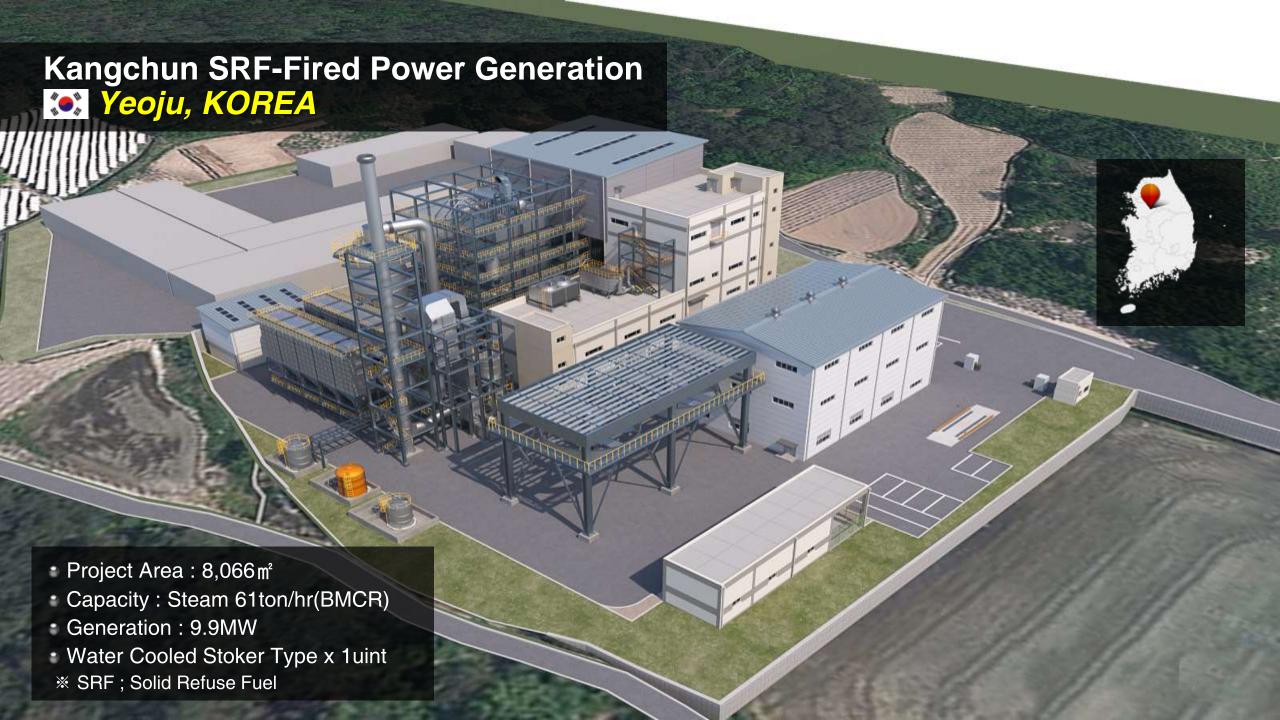








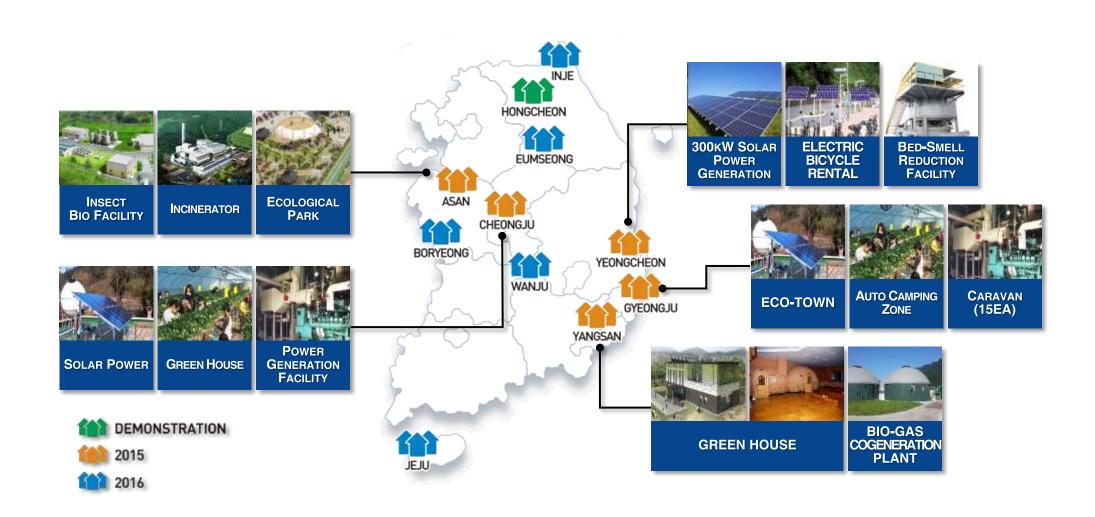




Renewable Energy

ECO-FRIENDLY ENERGY TOWN KOREA





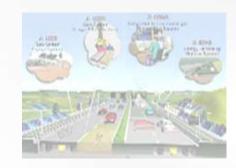


R&D Institute





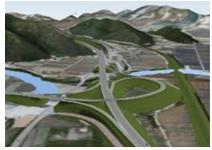
- Road design technology Pro-environmental and intellectual
- Development of core technology for SMART Highway
- Carbon neutral mode road design development
- Testbed design for long span bridge
- Development of flood avoidance technology for the next generation

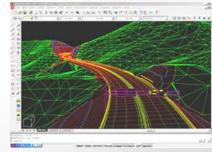






- Road and rail design program
- ei-ROAD
 - Pro-environmental and intellectual road design program







- High intensity and low weight wedge method
- Review of design economic feasibility of roads, harbors, rivers, environmental facilities, etc.

Development of state-of-the-art green and low carbon design and growth technology





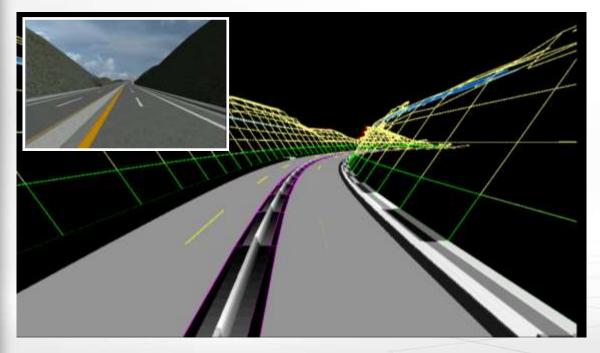
Development of Design Program

101 RD 2000(RD SMARTpro)

- Road and rail design program
- * Operating on AutoCAD platform, RD-2000 featured hassle free horizontal/vertical alignments planning, design, quantity take-off and cost estimation as well as 3-D simulation.

02 ei - ROAD

- Pro-environmental and intellectual road
- The nation's first Pro-environmental intelligent optimal design system development in a field of road
- Searching efficient optimum route based on Proenvironmental road design handbook













실시간도로상황지도(LDN





Global Activities



Sample Overseas Projects (On-Hand)

Region	Projects	
	India	Bihar New Ganga Bridge: D/D
	Indonesia	Indonesian palm oil production and the biomass power plant: D/D
	Myanmar	Eindu to Kawrareik Road Improvement Project: C/S
		Maubin-PyaponRoad Rehabilitation Project: C/S
	Bangladesh	Padma Multipurpose Bridge Project: C/S
	Laos	Laos Champasak connection between national roads: F/S
	Brunei	PMB Bridge, Road & Utilities Development: PMC
		Bridge Link across Sungai Brunei: Design Build
Asia Pacific	Sri Lanka	ADB - Northern Roads Connectivity Project: C/S
ASIA PACIIIC		Hatton-Nuwara Eliya Road Improvement Project: C/S
		North Central and North Western Provinces, PIC-02: C/S
	Cambodia	Rural Roads Improvement Project-II: D/D & C/S
		TA-8784: Second Road Asset Management Project: C/S
		Dauntri Dam Development Project: D/D
	Vietnam	Lo Te – Rach Soi Highway Construction Project: D/D & C/S
		Vam Cong Cable-Stayed Bridge: D/D, P/S & C/S
		Haiphong Urban Transport Project: C/S
	Taiwan	Dangiang Bridge Project: D/D



Sample Overseas Projects (On-Hand)

Region	Projects	
Middle East	Kuwait	Kuwait Causeway Link Main Bridge: Design Build
	Oman	Causeway between Shanna and Masirah Island: F/S
	Iran	road construction market research and investigation of policy support method : F/S
East Europe / CIS	Azerbaijan	World Bank – Baku–Shamakhi Highway Project: C/S
	Georgia	Update of Feasibility Studies for E-60 Highway Section: D/D
	Turkey	Third Bosporus Crossing Bridge: T/D & Construction Design
		Canakkale Bridge Project: F/S
Africa/ Americas	Ghana	Wa City Water Supply Project: F/S & T/K Design
	Uganda	Second Nile (Jinja) Cable-Stayed Bridge Project: C/S
	Peru	Road Construction of Periurbana: F/S
		Huacho Wastewater Treatment Plant Project: F/S
	Chile	Chacao Bridge Project: C/S
	Paraguay	Ñemby Sewage treatment Plant Project: F/S
	Bolivia	Santa Cruz New City (A: 5,778ha): D/D





