

ENVIRONMENT

Water and Wastewater Treatment

Project	Start	Completion	
Hochiminh City Water Environment Improvement Project	Jul. 2014	Jan. 2019	Scope: Facility supply, Construction, Test-run Capacity: 328,000m ³ /day
Bakdal Sewage System	Jan. 2013	Feb. 2017	Scope: Design, Facility supply, Construction, Test-run Capacity: 250,000m ³ /day
Brazil CSP Environmental Equipment	Dec. 2011	Aug. 2015	Scope: Design, Facility supply, Construction, Test-run Water Supply: 74,000 ton/day, Wastewater Treatment: 24,000 ton/day, Sewagewater Treatment: 10,000 ton/day
North An Khanh Sewage Treatment Plant	Sep. 2010	Apr. 2014	Scope: Design, Facility supply, Construction, Test-run Capacity: 18,400m ³ /day
Indonesia Water Supply Facility	Jul. 2011	Apr. 2013	Scope: Design, Facility supply, Construction, Test-run Water Supply: 42,000 t/d
Indonesia Wastewater Treatment and Reuse Facility	Jul. 2011	Apr. 2013	Scope: Design, Facility supply, Construction, Test-run Wastetreatment : 28,000 t/d Production of Reusewater: 7,000t
Rehabilitation and Expansion of Sewage Water Treatment Plant(SWTP) in Yanbu, Saudi	Jan. 2011	Jan. 2013	Scope: Design, Facility supply, Construction, Test-run Expansion Capacity: 20,000m ³ /day Rehabilitation Capacity: 27,000m ³ /day
Gimpo Sewage System	Jul. 2009	Oct. 2012	Scope: Design, Facility supply, Construction, Test-run Capacity: 92,600m ³ /day (42,000m ³ /day * 2EA + 12.6m ³ /day * 1EA) Collecting pipeline: 28.7km
Daegu Seobu STP Total Phosphorus Treatment facility	Feb. 2011	Aug. 2012	Scope: Design, Facility supply, Construction, Test-run Capacity: 478,000m ³ /day
Gongchon Sewage treatment plant expansion and advanced treatment	Jul. 2009	Apr. 2012	Scope: Design, Facility supply, Construction, Test-run Expansion Capacity: 39,000m ³ /day Advanced Capacity: 26,000m ³ /day
Gwangyang Water Treatment Process Improvement Project	Dec. 2010	Dec. 2011	Scope: Design, Facility supply, Construction, Test-run Capacity: 120,000m ³ /day
Gongchon Water Treatment Plant 2nd Phase	Jan. 2009	Jul. 2011	Scope: Design, Facility supply, Construction, Test-run Water Treatment(Advanced): 250,000m ³ /day Water Treatment(expansion): 163,000m ³ /day Water Supply Pipelines: 2.3km
Pohang Jangnyang Sewage Treatment Plant	Jan. 2008	Nov. 2010	Scope: Design, Facility supply, Construction, Test-run Capacity: 15,000m ³ /day Collecting pipeline: 11.663km
Sandong Sewage Treatment Plant & Pipelines	Dec. 2006	Nov. 2010	Scope: Design, Facility supply, Construction, Test-run Capacity: 9,000m ³ /day Pipeline improvement: 33Km
Gajwa Sewage Advanced Treatment Plant	Dec. 2007	Oct. 2010	Scope: Design, Facility supply, Construction, Test-run Capacity: 350,000m ³ /day
Gwangyang No.1 Sewage&Filthy water Treatment Plant	Jun. 2009	Jun. 2010	Scope: Design, Facility supply, Construction, Test-run Capacity: 20,000m ³ /day(filthy water treatment) 7,200m ³ /day(sewage treatment plant)
Gwangyang No.4 Wastewater Treatment Plant	Dec. 2008	Apr. 2010	Scope: Design, Facility supply, Construction, Test-run Capacity: 34,000m ³ /day
Gyeongsan Industrial Complex Wastewater Advanced treatment Plant	Mar. 2008	Mar. 2010	Scope: Design, Facility supply, Construction, Test-run Capacity: 100,000m ³ /day

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Pohang Sewage Advanced Treatment Plant 1st phase	Dec. 2007	Dec. 2009	Scope: Design, Facility supply, Construction, Test-run Capacity: 80,000m³/day
Suwon Sewage Advanced Treatment Plant	Sep. 2006	Aug. 2009	Scope: Design, Facility supply, Construction, Test-run Capacity: 220,000m³/day
Seongnam Pangyo Water Regeneration Center	Feb. 2007	May. 2009	Scope: Design, Facility supply, Construction, Test-run Capacity: 47,000m³/day
Expansion of Icheon Sewage Treatment Plant	Mar. 2007	Mar. 2009	Scope: Design, Facility supply, Construction, Test-run Capacity: 13,000m³/day
Ansan Sewage Advanced Treatment Plant 1st phase	Jul. 2004	Mar. 2009	Scope: Facility supply, Construction, Test-run Capacity: 385,000m³/day
Pohang Water treatment Facility Construction	Jan. 2008	Aug. 2008	Scope: Design, Facility supply, Construction, Test-run Fresh water : 180,000m³/day Portable water : 70,000m³/day
Hagik Sewage Treatment Plant	Aug. 2005	Aug. 2008	Scope: Design, Facility supply, Construction, Test-run Capacity: 125,000 m³/day Collecting pipeline: 10.875km
Munsan Wastewater Treatment Plant	Jun. 2006	May 2008	Scope: Design, Facility supply, Construction, Test-run Capacity: 10,000m³/day

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Expansion of Pohang Sewage Treatment Plant 2nd phase	Dec. 2003	Nov. 2007	Scope: Design, Facility supply, Construction, Test-run Capacity: 152,000m ³ /day Collecting pipeline: 35.7km
Jungnang Advanced Sewage Treatment Plant	Feb. 2004	Oct. 2007	Scope: Design, Facility supply, Construction, Test-run Capacity: 460,000m ³ /day Supply to Cheonggye stream: 100,000m ³ /day
Paju LCD Industrial Complex Wastewater Treatment Plant 2nd phase	Nov. 2005	Sep. 2007	Scope: Design, Facility supply, Construction, Test-run Capacity: 35,000m ³ /day
Eumsung Daeso Sewage Treatment Plant	Oct. 2004	Aug. 2007	Scope: Design, Facility supply, Construction, Test-run Capacity: 4,000m ³ /day Collecting pipeline: 21.1km
Byeongcheon Sewage Treatment Plant	Jul. 2002	Dec. 2006	Scope: Facility supply, Construction, Test-run Capacity: 9,500m ³ /day Collecting pipeline: 29.113km
Paju LCD Industrial Complex Wastewater Treatment Plant 1st phase	Jul. 2004	Nov. 2006	Scope: Design, Facility supply, Construction, Test-run Capacity: 70,000m ³ /day
Jungsun Sewage Treatment Plant	Dec. 2003	Oct. 2006	Scope :Facility supply, Construction, Test-run Capacity: 3,000m ³ /day Collecting pipeline: 6.7km
Ansan Sewage Treatment Plant 2nd phase	Feb. 2001	Dec. 2005	Scope: Facility supply, Construction, Test-run Capacity: 149,000m ³ /day Collecting pipeline: 22.467km
Yongin Gugal Sewage Treatment Plant	Apr. 2003	Jul. 2005	Scope: Design, Facility supply, Construction, Test-run Capacity: 35,000m ³ /day Collecting pipeline: 5.62km
Gumi Sewage Advanced Treatment Plant	Aug. 2001	Jul. 2005	Scope: Design, Facility supply, Construction, Test-run Capacity: 330,000m ³ /day
Hapdeok Sewage Treatment Plant	May. 2002	Jun. 2005	Scope: Design, Facility supply, Construction, Test-run Capacity: 3,500m ³ /day Collecting pipeline: 14.756km
Jeonju Sewage Treatment Plant 3rd phase	May. 2002	May 2005	Scope: Design, Facility supply, Construction, Test-run Capacity: 100,000m ³ /day
Gwangcheon Sewage Treatment Plant	Feb. 2002	Apr. 2005	Scope: Facility supply, Construction, Test-run Capacity: 5,000m ³ /day Collecting pipeline: 8.945km
Paju Geumchon pipelines design&construction	Feb. 2003	Mar. 2005	Scope: Design, Facility supply, Construction, Test-run Capacity: 27,000m ³ /day Collecting pipeline: 10.4559km
Jijangcheon Sewage Treatment Plant	Nov. 2001	Mar. 2005	Scope: Facility supply, Construction, Test-run Capacity: 6,000m ³ /day Collecting pipeline: 14.184km
Uljin Sewage Treatment Plant	Jun. 2000	Nov. 2004	Scope: Design, Facility supply, Construction, Test-run Capacity: 5,000m ³ /day Collecting pipeline: 4.45km
Heunghae Sewage Treatment Plant	Nov. 2000	Mar. 2004	Scope: Design, Facility supply, Construction, Test-run Capacity: 25,000m ³ /day Collecting pipeline: 30.261km
Guryongpo Sewage Treatment Plant	Apr. 2001	Jan. 2004	Scope: Design, Facility supply, Construction, Test-run Capacity: 12,000m ³ /day Collecting pipeline: 10.1km
Masung Sewage Treatment Plant	Jul. 2000	Nov. 2003	Scope: Facility supply, Construction, Test-run Capacity: 8,000m ³ /day Collecting pipeline: 21.221km
Ganghwa Sewage Treatment Plant	Oct. 1999	Apr. 2003	Scope: Facility supply, Construction, Test-run Capacity: 9,000m ³ /day Collecting pipeline: 11.05km
Yeonil drainage pumping facility construction	Jun. 1999	Aug. 2001	Scope: Facility supply, Construction, Test-run Pumping Capacity: 245m ³ /min * 5.5mH * 335kW * 6sets Maximum Pumping Capacity: 1,470m ³ /min

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Gwangyang Water treatment Facility Construction	Apr. 1999	Mar. 2001	Scope: Design, Facility supply, Construction, Test-run Fresh water : 180,000m³/day Portable water : 108,000m³/day
Gwangyang No.3 Wastewater Treatment Plant	Jan. 1995	Oct. 1996	Scope: Design, Facility supply, Construction, Test-run Capacity: 24,000m³/day
Pohang Seongang Sewage Treatment Plant	Feb. 1989	Nov. 1989	Scope: Design, Facility supply, Construction, Test-run Capacity: 80,000m³/day

Water Distribution System

Project	Start	Completion	
Taebaek Water Supply Pipeline Optimum Management System	Dec. 2010	Dec. 2014	Scope: Design, Facility supply, Construction, Test-run Pipeline : 124km
Jeonju Water Supply System	Mar. 2009	Mar. 2014	Scope: Design, Facility supply, Construction, Test-run Water Supply Pipeline: 650.8km

Desalination and Water Storage

Project	Start	Completion	
Gwangyang Donghoan Desalination Plant	Jan. 2013	Jul. 2014	Scope: Design, Facility supply, Construction, Operation Capacity: 30,000 ton/day
Abu Dhabi Strategic Water Storage/Recovery Project	Aug. 2010	Feb. 2013	Scope: Design, Facility supply, Construction, Test-run Scheme Tank : 3units Pipeline : 161km

Resource Recycle & Reuse

Project	Start	Completion	
Krakov Waste Thermal Treatment Plant in Poland	Jul. 2013	Nov. 2015	Scope: Design, Facility supply, Construction, Test-run Capacity: 340 ton/day x 2EA, 10.74 MWh
Pohang RDF Power Plant	Dec. 2012	May. 2015	Scope : EPC Turn-Key Main Facility - Refused-Derived Fuel Facility (500Ton/day) - Power Generation Facility(12.1MW)
Chungnam Naepo New Town Automatic Clean net	Oct. 2010	Oct. 2013	Scope: Design, Facility supply, Construction, Test-run Collection sites: 2units Pipeline: 40.2km
Songdo 5, 7 Section Automatic Waste collecting facility	Aug. 2010	Mar. 2013	Scope: Design, Facility supply, Construction, Test-run Collection sites: 2units Pipeline: 17.5km
Busan RDF power plant	Aug. 2010	Mar. 2013	Scope : EPC Turn-Key Main Facility - Refused-Derived Fuel Facility (900Ton/day) - Power Generation Facility(25MW)
Paju Unjeong Automatic Waste collecting facility	Sep. 2007	Aug. 2012	Scope: Design, Facility supply, Construction, Test-run Collection sites: 4 units Inlets: 1,282 units
Incheon Cheongna Automatic Clean net	Apr. 2008	Mar. 2012	Scope: Design, Facility supply, Construction, Test-run Pipeline: 45.7km Collection sites: 5 units Inlets: 2,013 units
Goyang Incinerator	May 2006	Dec. 2010	Scope: Design, Facility supply, Construction, Test-run Pyrolysis and melting facility: 150 ton/day x 2 units Recycling facility: 50 ton/day
RDF power plant using metropolitan landfill	Nov. 2007	Mar. 2010	Scope : EPC Turn-Key Main Facility - Refused-Derived Fuel Facility (1,800Ton/day) - Power Generation Facility(30MW) Pre-treatment: 200t/day
Yangsan Recycling facility	Oct. 2004	Feb. 2010	Scope: Design, Facility supply, Construction, Test-run Pyrolysis and melting facility: 100ton/day x 2 units Recycling facility: 80ton/day x 1 unit
Yangsan Sewage Sludge Treatment facility	Feb. 2008	Dec. 2009	Scope: Design, Facility supply, Construction, Test-run Capacity: 60m ³ /day x 2 units
Suwon Sewage treatment facility	Jun. 2007	Dec. 2009	Scope: Design, Facility supply, Construction, Test-run Capacity: 450m ³ /day
Yongin Heungdeok Automatic Clean net	Sep. 2006	Mar. 2009	Scope: Design, Facility supply, Construction, Test-run Collection sites: 1 unit Inlets: 425 units
Metropolitan Sludge Solidification facility for reclaimed area	Dec. 1996	Oct. 1998	Scope: Design, Facility supply, Construction, Test-run Capacity: 75ton/day
Gwangyang Incinerator	Dec. 1993	Jul. 1995	Scope: Design, Facility supply, Construction, Test-run Capacity: 91.2ton/day

Air Refining

Project	Start	Completion	
Exhaust Filtering facility for No.1~4 Sintering plants in Gwangyang	May 2005	Dec. 2007	Scope: Design, Facility supply, Construction, Test-run Capacity: 22,500N ^m /Min x 4 units
Electric Precipitator for No.5 Blast Furnace raw material hadling facility in Gwangyang	Jun. 1996	Mar. 1999	Scope: Design, Facility supply, Construction, Test-run Capacity: 12,000N ^m /Min x 1 unit
Bag Filter for No.2 Mini mill in Gwangyang	Jun. 1997	Jan. 1999	Scope: Design, Facility supply, Construction, Test-run Capacity: 29,400N ^m /Min x 2 units 7,300N ^m /Min x 1 unit 1,000N ^m /Min x 1 unit
Bag Filter for Hot metal pretreatment facility in Gwangyang	Jan. 1997	Jan. 1999	Scope: Design, Facility supply, Construction, Test-run Capacity: 7,200N ^m /Min x 1 unit

Drainage Pipeline

Project	Start	Completion	
Pohang Sewage Pipeline renovation BTL	Jun. 2012	Mar. 2016	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 47.6km Drainage facility: 4,937units
Chuncheon Sewage Pipeline renovation BTL	Feb. 2011	Dec. 2014	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 103.3km Drainage facility: 7,423units
Iksan Sewage Pipeline renovation BTL	Feb. 2011	Aug. 2014	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 91.7km Drainage facility: 6,643units
Gimpo Sewage Pipeline renovation BTL	Sep. 2010	Mar. 2014	Scope: Design, Facility supply, Construction, Test-run Pipeline rebivatuib: 131km Drainage facility: 6,254units
Yeungju Sewage Pipeline renovation BTL	Nov. 2010	Feb. 2014	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 87km Drainage facility: 6,730units
Cheonan Sewage Pipeline renovation BTL	Jun. 2010	Sep. 2013	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 68km Drainage facility: 3,172units
Pyeongtaek Sewage Pipeline renovation BTL	Nov. 2009	Aug. 2013	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 165km Drainage facility: 11,177units
Incheon Sewage Pipeline renovation BTL	Nov. 2009	Jul. 2013	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 85km Drainage facility: 4,961units
Tongyeong Sewage Pipeline renovation BTL	May. 2010	Jun. 2013	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 91km Drainage facility: 10,831units
Gwangju Sewage Pipeline renovation BTL	Apr. 2010	Mar. 2013	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 150km Drainage facility: 12,811units
Ansung Sewerage System	Mar. 2008	Mar. 2013	Scope: Design, Facility supply, Construction, Test-run Capacity: 18,000m ³ /day Pipeline renovation: 189.3km Drainage facility: 9,309 units
Munhyung Sewage Pipeline renovation BTL	Mar. 2009	Dec. 2012	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 134km Drainage facility: 13,324units
Wonju Sewage Pipeline renovation BTL	Oct. 2008	Oct. 2012	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 133km Drainage facility: 8,826units
Paju Sewage Pipeline renovation BTL	Jun. 2008	Jul. 2012	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 106km Drainage facility: 6,216units
Uljin Sewage Pipeline renovation BTL	Oct. 2008	Mar. 2012	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 67.6km Drainage facility: 4,384units

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Chungju Sewage Pipeline renovation BTL	Sep. 2008	Dec. 2011	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 137km Drainage facility: 12,706units
Seogwipo Sewage Pipeline renovation BTL	Oct. 2007	Apr. 2011	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 100.56Km Drainage facility: 4,884 units
Jangheung Sewage Pipeline BTL & Sewage Treatment Plant BTO	Mar. 2008	Oct. 2010	Scope: Design, Facility supply, Construction, Test-run Capacity: 6,400m ³ /day Pipeline renovation: 85km Drainage facility: 1,900 units
Upper Daecheong Dam Sewerage System expansion(1st section)	Sep. 2006	Sep. 2010	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 244.6Km Drainage facility: 9,196 units
Gangneung Sewage Pipeline renovation BTL	Sep. 2007	Aug. 2010	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 108Km Drainage facility: 4,014 units
Ganghwa Sewage Pipeline renovation	Jul. 2007	Jul. 2010	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 50.2Km Drainage facility: 3,119 units
Gyeongju Sewage Pipeline renovation BTL	Oct. 2006	May. 2010	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 134.0Km Drainage facility: 7,241 unit
Jeongeup Sewage Pipeline renovation BTL	Jun. 2006	Apr. 2010	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 76.7Km Drainage facility: 6,922 units
Gimhae Sewage Pipeline renovation BTL	Apr. 2006	Apr. 2010	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 102.7Km Drainage facility: 10,610 units
Geumchon Sewage Pipeline renovation	Dec. 2005	Mar. 2010	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 54.1km Drainage facility: 3,499 units
Sangju Sewage Pipeline renovation BTL	May. 2006	Feb. 2010	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 96Km Drainage facility: 5,756 units
Heunghae Sewage Pipeline renovation	Jan. 2006	Oct. 2009	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 59.2Km Drainage facility: 3,008 units
Han river area Sewage Pipeline renovation (2nd section)	Apr. 2004	Apr. 2009	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 264,267km Drainage facility: 11,410 units
Gumi Sewage Pipeline renovation	Aug. 2003	Jun. 2008	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 23.430km Drainage facility: 3,200 units
Euisung Sewage Pipeline renovation	Dec. 2004	Jun. 2008	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 41.88km Drainage facility: 2,595 units
Uljin Sewage Pipeline renovation	Dec. 2003	Dec. 2006	Scope: Design, Facility supply, Construction, Test-run Pipeline renovation: 20.84km Drainage facility: 1,294 units