

Yungdo
engineers & consultants

Better Planning Better Consultant Better Results





기본에 충실하자!
뜨겁고 치열하게 최상의 성과물로 보답하겠습니다

Leader of Technology Leader of Engineer Leader of Trustworthy

Contents

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-
- /
- 2000 ~ 2002
- 2004 ~ 2012
- 2013 ~

, ,
 , ,
 1988 25 , ,
 , , .
 , , , , , ,
 .
 , , , , , UAE, ,
 Global leading company .
 ,
 .



1988 ~ 現 / ()
 1986 / ()
 1983 / ()
 1982 / ()
 1979 / ()

SH 가 가 ()
 ()

2013 2 2 , UAE
 2012
 2011
 2008 ~ 2010 , 2
 2005 ~ 2008
 2003 ~ 2005 2
 2003 ~ 2005 (45)
 2001 ~ 2002 ()
 1998 ~ 2000 2 ()
 1993 ~ 1995
 1990 ~ 1992
 1988 ~ 1990



/ / 가 / /
 / / Project Management Professional

2013 ~ 現 , / ()
 2007 ~ 2012 / ()
 2005 ~ 2007 / ()
 1999 ~ 2004 / ()
 1977 ~ 1998 / ()
 1973 ~ 1976 ,

()
 ()

2013 ~ 現 , Y - City,
 2010 ~ 2012 2
 2007 ~ 2009
 2005 ~ 2006 2
 2002 ~ 2004 FED , , KTF
 1999 ~ 2002
 1973 ~ 1998 , , ,



2013 ~ 現 / ()
 2012 ~ 2013 / ()
 2006 ~ 2012 / ()
 1999 ~ 2006 / ()
 1980 ~ 1998 / ()

2013 ~ BCTC & Transient UPH
 2012 ~ 2013 Saudi Arabia Rabigh 2 Thermal Power Plant
 2011 ~ 2012
 2010 ~ 2011 Angola Kinaxixi MXD Complex Project
 2009 ~ 2010 Russia Yakutsk LG Sakha Center
 2008 ~ 2009 Family Housing & Welcome Center
 2007 ~ 2008 Angola Cabinda Stadium Project
 2006 ~ 2007 Angola Intercontinental Hotel



2006 ~ 現 / ()
 2005 / () 가 []
 1997 ~ 2000 / ()
 1993 ~ 1997 / ()
 1988 ~ 1993 [/ ()]
 [1500Bed]
 1986 ~ 1988 / ()
 [400Bed]

1984 ~ 1986 ()
 1980 ~ 1983 ()
 1978 ~ 1979 ()
 1972 ~ 1978 ()

kyungdo



Board of Directors

1995 ~ 現	, / ()	2011 ~ 2013 2009 ~ 2011 2007 ~ 2009 2005 ~ 2007 2003 ~ 2005 2001 ~ 2003 1999 ~ 2001 1997 ~ 1999 1993 ~ 1997 1990 ~ 1993	2 () ()
1992 ~ 1995			
1990 ~ 1992	/ ()		
가			



2005 ~ 現	, / ()	2012 ~ 2013 2011 ~ 2014 2010 ~ 2013 2009 ~ 2010 2007 ~ 2009 2006 ~ 2008 2006 ~ 2009 2005 ~ 2009 1996 ~ 1997 1994 ~ 1996	2 1 (NEATT) SK()
2004 ~ 2005	/ ()		
1993 ~ 2003	/ ()		
1989 ~ 1993	/ () MEC		



1992 ~ 現	, 3 / ()	2011 2010 2009 2008 2006 ~ 2007 2005 ~ 2006 2004 ~ 2005 2003 ~ 2004 1999 ~ 2002	Hamad Medical City Doha, Qatar UAE Braka Nuclear Power Plant Permanent & Village Al - Reem Island, Abu Dhabi, UAE SOCAR Headquarter, Baku, Azerbaijan Boughezoul city headquarter, Algeria Mega Residence, Kazakhstan Algerian petroleum institute, Oran, Algeria Miramar three tower, Residential complex, Luanda, Angola Sonangol Headquarter, Luanda, Angola
2013	Kinaxixi Mxd Complex I, II Luanda, Angola		
2013	Al Raze Hospital Expansion Al Asimah, Kuwait		
2012	Azersu New Office Tower Baku, Azerbaijan		



가		2012 ~ 2013 2011 ~ 2012 2010 ~ 2011 2010 ~ 2011 2008 ~ 2009 2007 ~ 2007 2004 ~ 2005 2002 ~ 2003	3 - - (T/K) (T/K) - (1 , 3 , T/K) (1 , 9 , 1) (BTL)
1997 ~ 現	, / ()		
1992 ~ 1997	()		
가	VE		
2013 ~	1		
2012 ~ 2013			



1988

| ()
| 59 26()
| 02 2203 5691
| 02 3409 5696
| 1988 10 10
|
| 120



Incorporation

1988 ~ 1989

402

APT, ALC

()

APT

LNG

800,000BBL Oil Tank terminal
Plant



Growth period

1992 ~ 1995

Data

2 VAV
, LG
, Class 1000

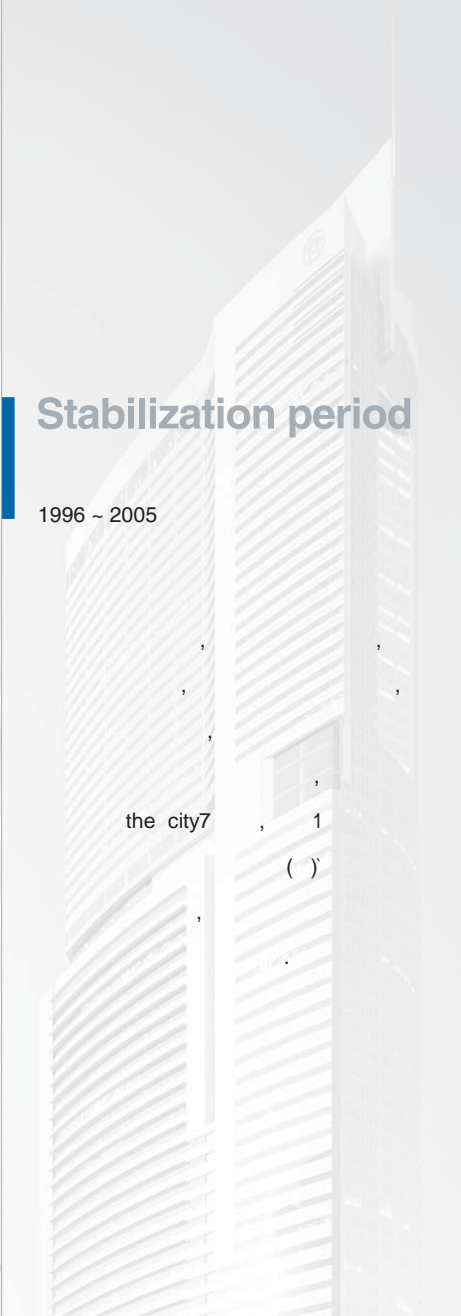
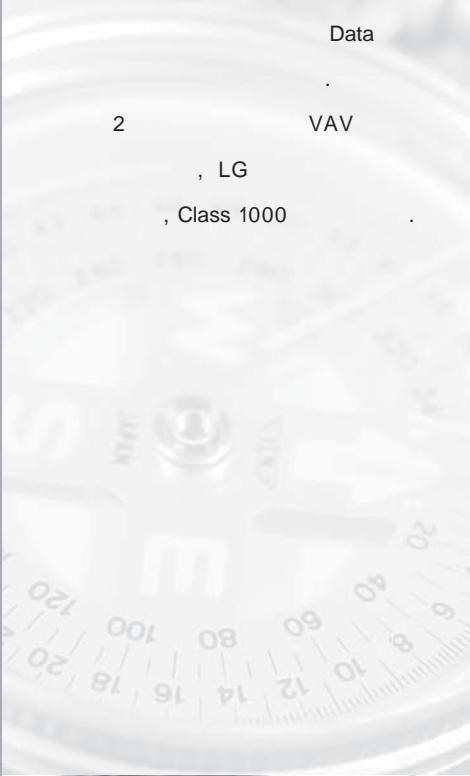
Stabilization period

1996 ~ 2005

the city7
()

Globalization

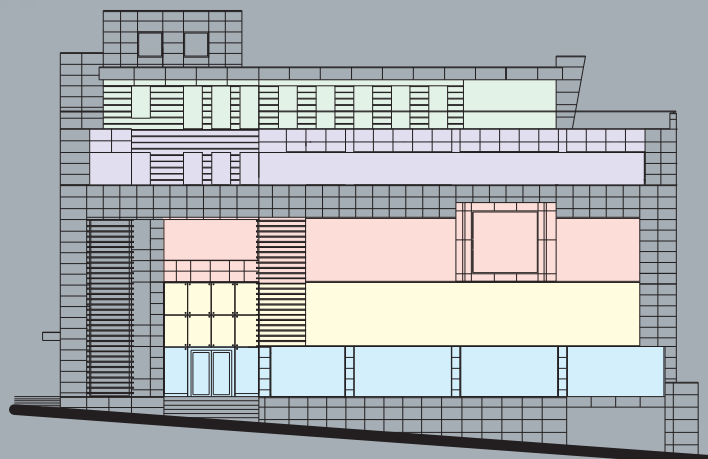
2005 ~



Leading the best technology...
 Solution provides the best...
 The challenge does not stop...

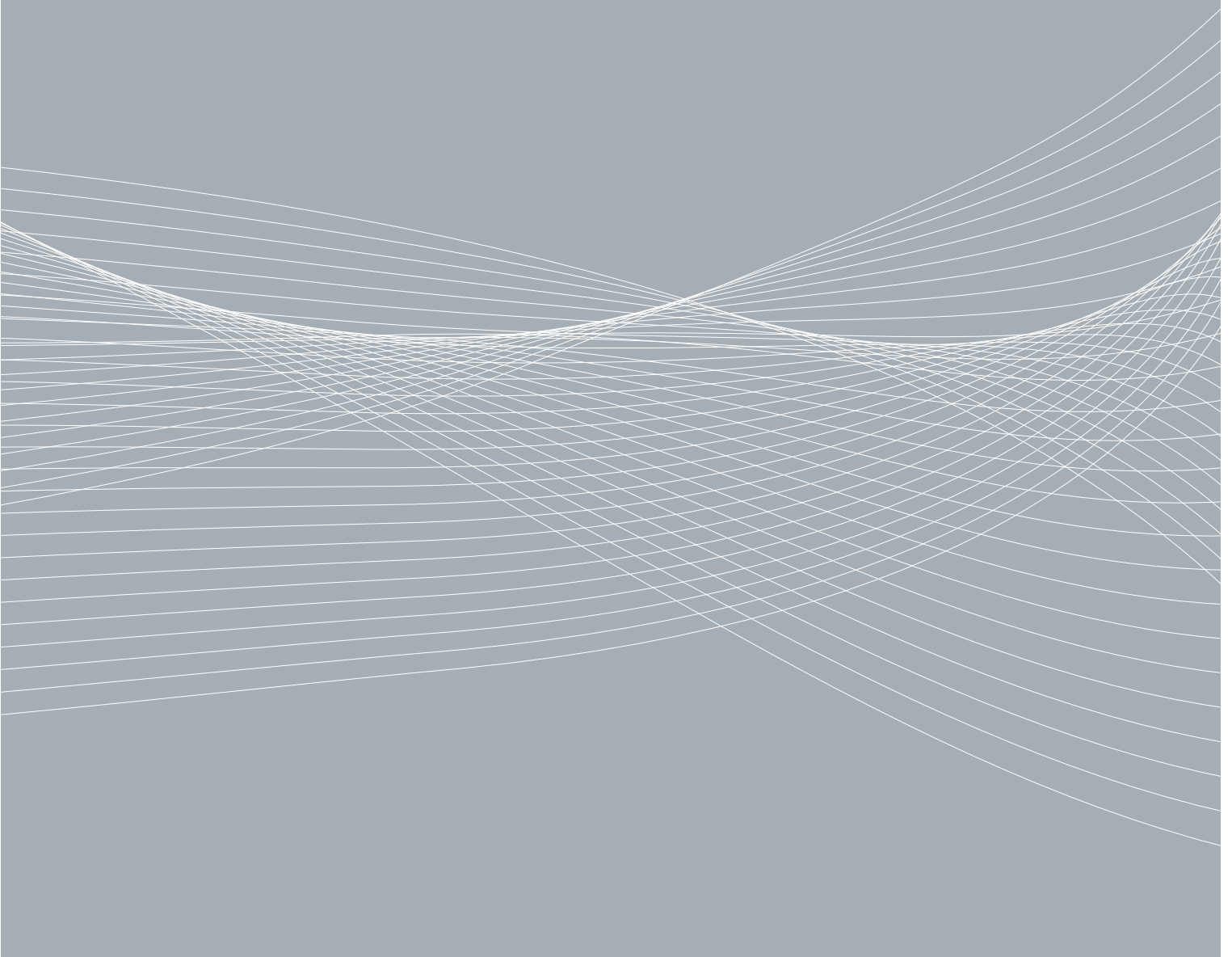


- 총무·회계 | 경영관리부 **5F**
- 설계 1본부·설계 2본부 | 기계설비사업부 **4F**
- 설계 3본부·설계 4본부 | 기계설비사업부 **3F**
- 소방기계분야·소방전기분야 | 소방설계사업부
 기계부분·소방부분 | 감리사업부 **2F**
- 설계 5본부 | 철도사업부
 기업부설연구소 **1F**



Business Division

This is just the beginning...





Leading the best technology...


Mechanical Systems

HVAC , , , , ,
 Lead
 (Simulation)




Fire-fighting Systems

Plant , , , , , Code /




Construction Supervision

, , / Value engineering
 (Record dwg) / (As - built dwg)
 가, Operation Manual



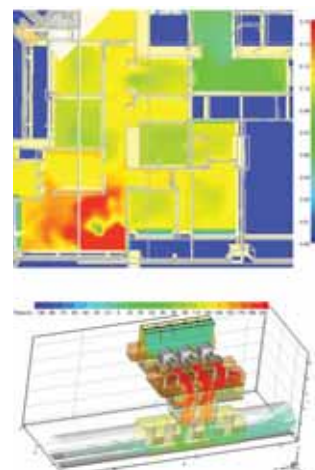
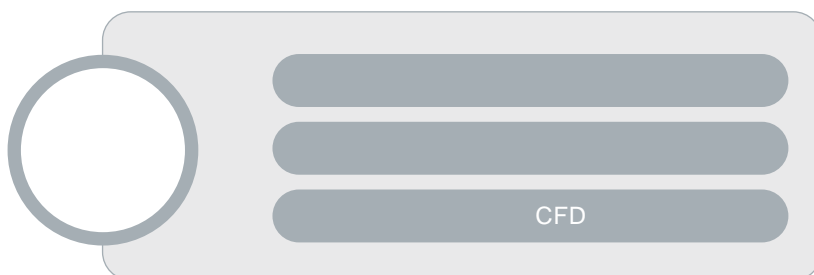

Retrofit

, 가 Remodeling
 LCC(Life cycle cost) 가 TAB(, ,)




R&D Lab(Research and Planning)

CFD simulation /
 LCC(Life Cycle Cost)







Portfolio

설계 수행 실적

Contents

- 20 Office
- 26 Residential & Commercial mixed-use
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- 58 Sport facility
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Yungdo is
Challenge and the passion does not stop...



Portfolio
Office



()
/
2012 ~ 2013
72,700m² / 1 ~ 12
() /
+ VAV
: Booster pump



SONANGOL HEADQUARTER / Angola

Luanda / Angola republic
 2002 ~ 2003
 Headquarter : 46,668m² / B1 ~ 22nd,
 Public plaza : 16,448m² / B1 ~ 12nd
 SONANGOL, combustive Ltd. / SPACE Architect Group
 /
 Aircooled chiller
 VAV Airdistribution on each Floor



()

2012 ~ 2013
 30,000m² / 2 ~ 20
 Heelim Architect /
 ARUP U.K
 /
 [+]
 FCU+FAHU
 : Booster pump
 ()



SOCAR()

2007 ~ 2009
 98,000m² / B2 ~ A38
 Heelim Architect / SOCAR
 ARUP U.k
 /
 Head resource : Hot water boiler
 Cooled resource : Water cooled centrifugal chiller
 Water supply : Booster pump

(Turnkey)



2013
42,000㎡ / 1 ~ 7
/ / ()

2013
 50,000㎡ /
 () /
 /
 +



NORTH STAR() TOWER /
 Beijing, China

Beijing, China
 131,000㎡ / B3 + A30
 Suhhan architect + Beijing
 architect design centre /
 North star group
 /

: VAV
 :

1990
 28,050㎡
 /
 /

()

1995 ~ 1996
 49,500㎡
 가 /
 /

G.T(가) TOWER

2007 ~ 2008
53,896㎡ / 8 ~ 24
/
/
/



STAR TOWER

2010 63 - 7
46,000㎡ /
5 ~ 20
/
/



1997
211,200㎡ / 6 ~ 45
/
/



Boughzoul / Algeria / Africa
2007
41,900㎡ / 2 ~ 12
SPACE Architect Group /
Algerly

Heating resource :
Hot water boiler /
Cooling resource :



SK

2002
91,668㎡ / 6 ~ 33
/ SK
/



NEATT() ,

2006 ~ 2009
147,767㎡ / 2 ~ 69
/ Gale international
/ 가

Portfolio

Residential & Commercial Mixed-use



(City 7.)

331 80
 2004 ~ 2005
 422,400m² / 5 ~ 43 : A.H.U
 A - Group / () : (Unit / 250RT×2)
 / / (/ 0.5TON)
 - : / Multi : (F.C.U)
 / Unit (/ A.H.U+F.C.U)
 : (A.H.U) (/ Multi)
 (E.H.P) : (Unit / 320RT×3)
 : (Unit / 600RT×2) (/ 1.6TON)



MIRAMA THREE TOWER Luanda, Angola

Luanda / Angola
 2004 ~ 2005
 78,000m² / B2+A20
 Space Architect Group / Sonangol, combustive Ltd.
 /
 - Split multiple D.X air conditioner to each unit
 - Aircooled liquid chiller to commercial tenent

2013 100
 F13 - 1 : 147,500m²
 F13 - 1 : 146,300m²
 F13 - 1 : 146,700m²
 Posco / + Pos AC
 /
 :
 :

LOTTE CASTLE

2003 2198
 381,655㎡ / 4 ~ 33
 / /
 : 가
 : A.H.U
 : (+) / 6700RT

57119
 2002 ~ 2005
 271,991㎡ / 4 ~ 40
 / /
 - / MULTI
 - / unit
 -



LOTTE

2004
 153,457㎡
 ENG /

LOTTE CASTLE GOLD

2002
 22,350㎡ / 7 ~ 36
 ()
 : - / Multi
 - /
 : FAN Coil unit
 : A.H

2000
 385,994㎡ / 6 ~ 69
 /

Kinaxixi Mixed Use Complex

Luanda, Angola republic
 2011 ~ 2013
 64,000m² / 2 ~ 25
 SIGMA - GIBB Consultoria e Engenharia Ltd

: Fcu
 : Shell andcore Fcu
 :



I&TDC

2007 ~
 668,996m² / 5 ~ 59
 A&U / /



RESIDENTIAL TOWER Colombo / Sri-lanka

Colombo, Sri - lanka
 2006 ~ 2007
 56,255m² / B1+A42
 Space Architect Group / Keangnam Enterprise

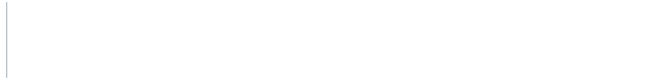
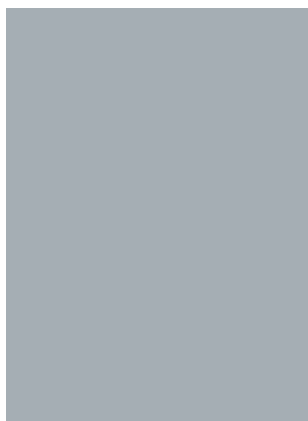


KOLON TRIPOLICE OFFICETEL

1997
 231,729m²
 /
 /

11,12

2005 ~ 2007 15 - 11
 37,403.41m² / 2 ~ 19
 / / / /
 : ()
 : (F.C.U.+)
 : (F.C.U)



Paragon

2006 ~ 2007 16 - 3,4,5
 40,005 / 6 ~ 44
 / UBES / /
 : + (E.H.P)
 : + (E.H.P)
 : (A.H.U) /

1

2004
 178,992m² / B4 + A14
 / 1
 /

가 5, 1-1 Blcok()

(+)
 397 - 11
 2011
 89,000㎡ / 4 / 15
 () CNC / A - Group /
 / +
 FCU+



가 5, 1-2 Blcok

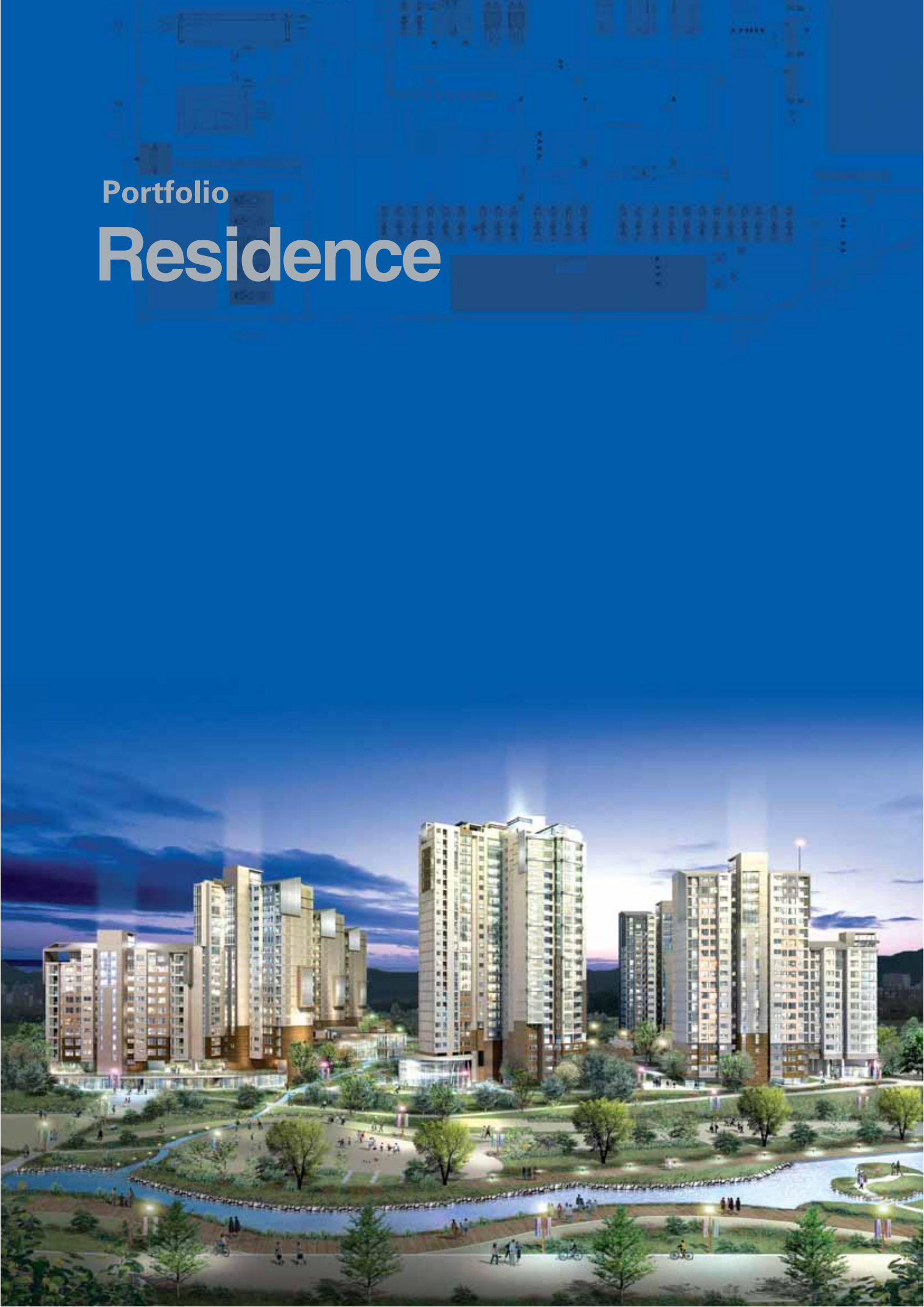
400 - 7
 2010 ~ 2011
 85,000㎡ / 5 ~ 15
 A - Group
 /
 :
 :

Total Apartment / Angola

Luanda / Angola / Africa
 2006 ~ 2007
 30,566㎡ / B3+ A13
 ROC /
 /
 : Split D.X Airconditioner, Multi Airconditioner
 : BOOSTER

Portfolio

Residence



I-SPACE 1,2,3

1

(Turn - Key)

2005
166,380,20m²
/ /
/

2000 - 2000
1BL 158,301m² / 2BL 72,600m² / 3BL 85,800m²
/
/
- MULTI
/



MEGA Residence Complex / Kazakhstan

Almaty / Kazakhstan
2007 - 2008
995,733m² / B2 + A27
Kazakhstan & Astana /
/

2005 ~ 2009
 573,385m² / 6 ~ 72
 /
 /



Al Ghadder / Abudhabi, UAE

Abudabi, UAE
 2009 ~
 250,000m² / 1 ~ 5
 Sorouh /

Aircooled chiller : DX Type A/C



Ansar Residence Complex / Kazakhstan

Almaty / Kazakhstan
 2006 ~ 2008
 223,063m² / B2 ~ A16
 Space Architect Group / Express Development
 /



Talatona Park Residence ZR9 / Luanda, Angola

Zr9, Talatona / Angola
 2006 ~ 2007
 36,002m² / 19BD, 312unit
 Space Architect Group / Sonangol, combustive Ltd.
 /
 Residence : System A/C to each unit
 Community : Central air conditioning system

ZR2B Residential / Angola

Luanda / Angola / Africa
 2006 ~ 2007
 153,832m² / B1+A4
 ROC /

/
 : Air cooled Chiller, Split D.X Air-conditioner Multi Air-conditioner
 : BOOSTER



ZR7 Residential / Angola

Luanda / Angola / Africa
 2006 ~ 2007
 30,597m² / B1+A2
 ROC /

/
 : Air cooled Chiller, Split D.X Air-conditioner Multi Air-conditioner



1, 2

2006
 587,928m²
 / / /
 ()

TRAPALACE

2003
 63,030m² / 3 ~ 25
 / /
 ()

APT(Turnkey)

2006
 : 356,000m² / 3 ~ 36
 () : 66,000m² / 2 ~ 41
 () / DA - Group
 : /
 : EHP+ Unit

2004
 99,261m²
 / /



Viendung Merdian / Vietnam

/
 2008 ~
 273,370m² / B3+A48
 /

(1,2) / Vietnam

/
 2008 ~
 359,078m² / 3, 4, 18, 22F
 / / POS AC
 /
 : PAC,
 : BOOSTER / 가

Portfolio

Commercial facility





2007 ~
 424,908㎡ / 8BD
 / (), (), ()
 /



Moscow Lotte Department /
 Russia

MOSCOW / RUSSIA
 2003
 89,100㎡ / B4 ~ A24
 Suh - han Architecture
 (Korea) Partner :
 AM - 7(Russia) / L&L
 /

1996 ~ 1998
 125,400㎡
 / ()
 /

1995
 116,000㎡ / 6 ~ 9
 / ()
 /

2006
79,659m²

/ / / / /



2004
72,600m² / 7 ~ 10

/ () / /



1996
72,600m² / 7 ~ 16

/ () /

1998
176,921m² / B3 + A9

/ /

2000
300,300m²

/ /

Farm Square

2002
99,000m² / 8 ~ 16
A - Group / DNC,
/ /



WAL - MART

2001 7
92,600m² / 2 ~ 5
WAL - MART KOREA /
/



WAL - MART

2000 7
12,800m² / 3 ~ 7
WAL - MART KOREA
/



Songdo North Canal Mixed-use D1~D4 BL.

Songdo, Incheon Korea
2007 ~ 2008
122,558m²
/ Gale International

Portfolio

Hotel facility



Intercontinental Hotel & Casino / Luanda, Angola

2006
39,600m² / B3+ A15
A-Group /
/



Luanda / Angola / Africa
2006
54,952m² / B1+ A27

Roof mounted Aircooled chiller+VAV Aridistribution



COEX Intercontinental Hotel

1999
54,450m²
/ LG
/

2000
194,700m²
/

Talatona Convention Hotel / Luanda, Angola

Luanda / Angola / Africa
 2007
 29,948.43m²
 Sociedade nacional de combustiveis de Angola sonangol,
 Direcao de engenharia / /
 /
 Aircooled Liquid Chiller
 Air handling unit
 Fan coil unit



Ecot Hotel(Eternal Crescent of Tripoli) / Tripoli, Libiya

Tripoli / Libiya / Africa
 2009 ~
 71,765m² / A37, 467Bed



2009
 33,303m² / B1+ A24
 A-Group
 /

/ Novotel

2013
 125,367m² / 3 ~ 7
 () / / / /
 : / / / /
 : +
 :
 : FCU+

Portfolio

Education & Research facility



(Turn - key base)
 2009 ~
 128,043m² / B2+A21

Campus
 2008 ~ 5, 7
 495,039.6m² / 1 ~ 31
 : + ()
 :



2006
 4,075
 / KCC

DMC
 (KGIT - 1)
 C - 4
 2004 ~ 2005
 86,341m² / 4 ~ 24
 A-Group
 :
 : (A.H.U+F.C.U)
 :
 : (A.H.U+F.C.U)
 :
 : (A.H.U)

3 - BTL
 (), (), (),
 ()
 2007
 12,210m² each
 KCC
 /

IAP & CPE / Oran city, Algeria

2
2008 ~
21,277.04㎡ / 3 ~ 10
/

SU20 Quarter, Zone hai usto / Oran city / Algeria
2006
96,401㎡ / B1 - A11, A23
SPACE Architect Group / SONATRACH

Heat resource : Air cooled chiller + Boiler
Hotel : AHU + FCU
Administration Office & Education : AHU + FCU
Sports facilities : AHU(CAV)



1997
21,780㎡
가 /

1997
30,690㎡
/

(Turnkey)

Portfolio

2013
145,000m² / 1 ~ 10
/ ()
/



LG Display R&D

2011
67,000m² / 1 ~ 15
LG Display /
/

DMC (KGIT -1,2)

E1 - 1,2
2004 ~ 2005
E1 - 1 : 40,422m² / 3 ~ 32
E1 - 2 : 58,865m² / 3 ~ 32
A - Group /

Portfolio

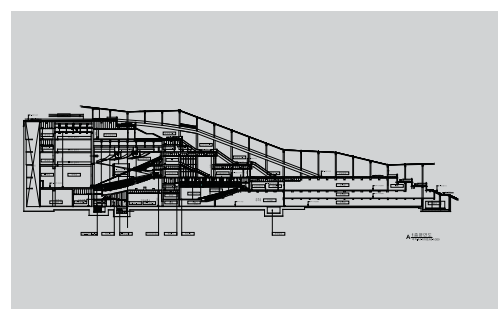
Culture & Art



(Turnkey)-

2013
 11,000㎡ / 1 ~ 3
 () /
 /
 +
 (+)

(Turnkey)-



()

2008
 24,700㎡ / 7 ~ 1
 GS / GS
 +Cool Tube+
 / Leed

TALATONA Convention Center / Luanda Angola

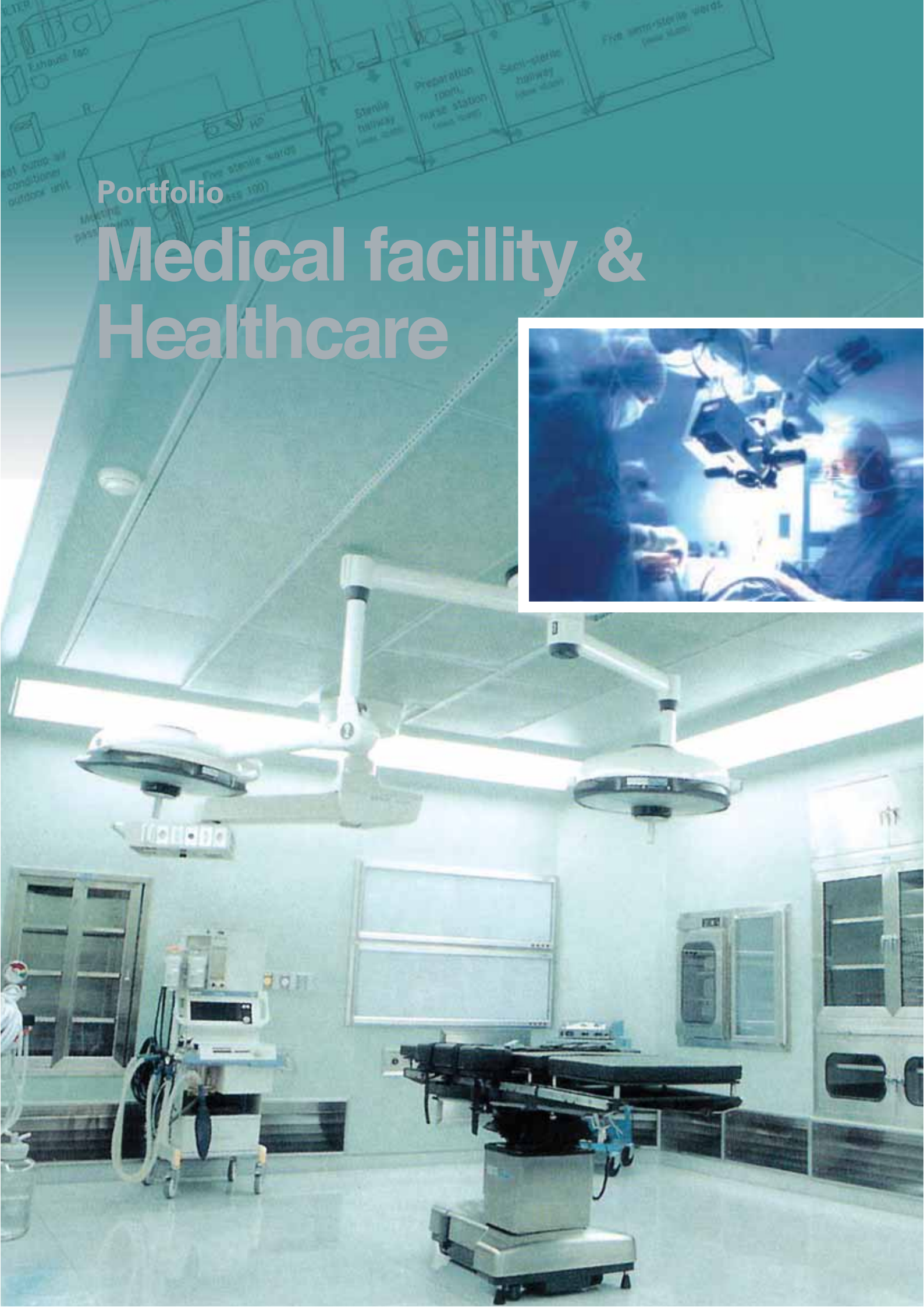
Lyanda Angola
2003
23,000m² / 3
SIGMA GROUP /
/
/



TALATONA Convention Center - Lobby

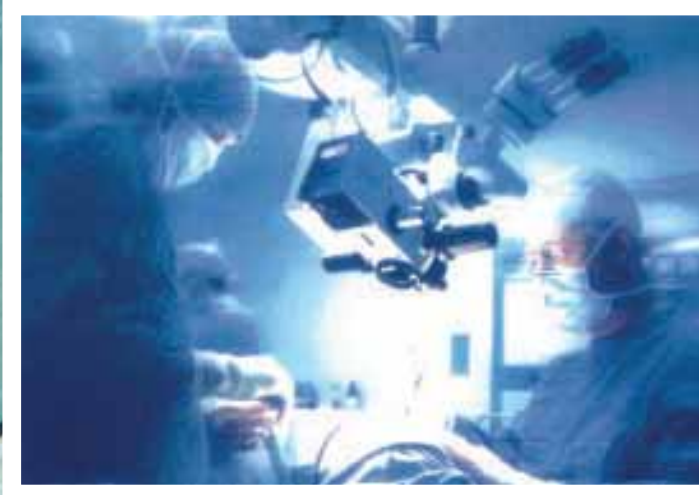


TALATONA Convention Center - Convenion Hall



Portfolio

Medical facility & Healthcare



Seoul Ahsan medical center, 2nd stage expansion

2005 388-1
 98,560m² - (3 ~ 13 ,
 C / 5 ~ 1)
 /
 : / A.H.U+F.C.U
 : / A.H.U+F.C.U
 : / A.H.U



2006 ~ 2007
 3,570.20m² / 1 ~ 3
 /
 /
 : AHU+FCU

CLINICA GIRASSOL HOSPITAL / Angola

Luanda / Angola / Africa
 2005
 38,896m² / B1+4BD
 SIGMA Group /
 /
 Heating resource :
 Cooled resource : AHU
 Cooled resource : AHU
 Cooled resource : FCU+FAHU



HAMAD / Qatar

Doha, State of Qatar

2012

175,000m² / 1 ~ 12
/ / +DMP

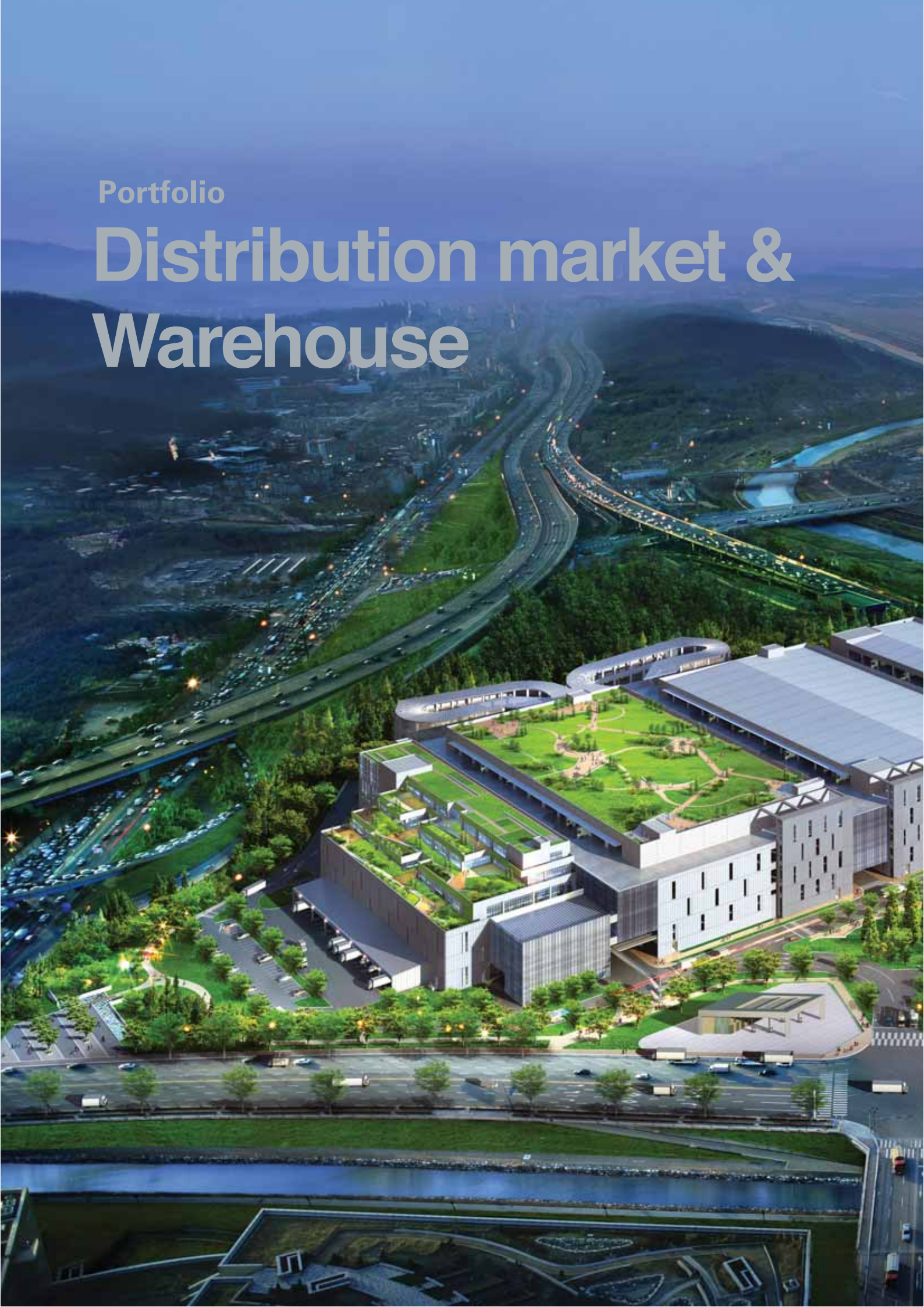
+ Glycol Chiler+Steam Boiler
+ 가 /



2002
16,830m² / 572BED
가 /

Portfolio

Distribution market & Warehouse





2013
 SH 396,000m² / 2 ~ 5
 + Heat pump

2013
 918,000m² / 1 ~ 4
 () /

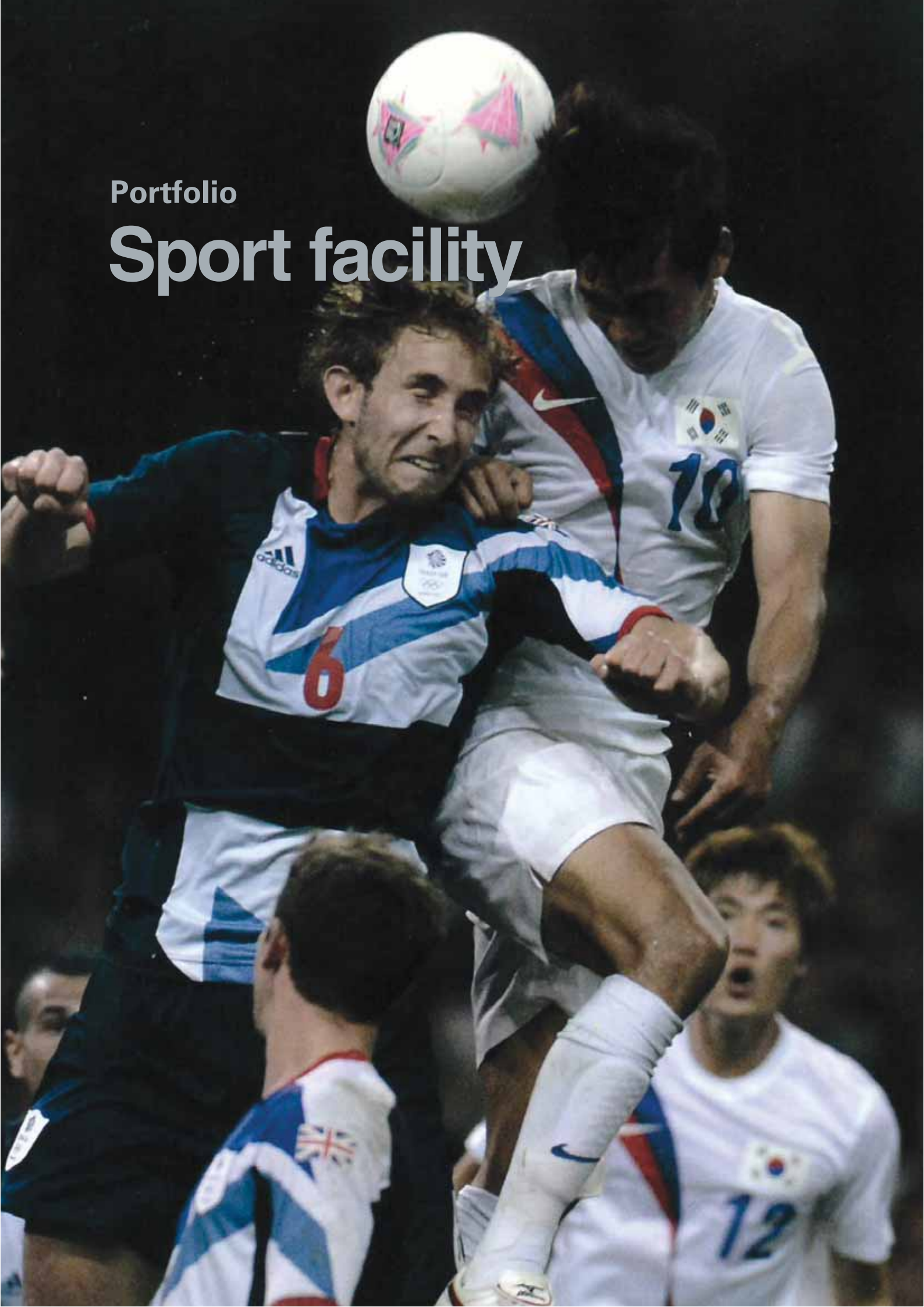


(Turnkey)

2003
 705 - 7
 32,000m² / 3
 ()

Portfolio

Sport facility



2013
43,700㎡ / 1 ~ 7
/ /
: +
: -



()
2013
31,300㎡ /
2 ~ 4
/ /
/ /

(Turnkey)

2012 ~ 2013
 45,000m² / 2 ~ 5
 /
 :
 : +7f



2009 ~ 2014
 172,364m² / B1+A4
 /



2004
 13,778m²
 POS - AC /

2005
 7,082m²
 /

Portfolio

Leisure facility



Lao Lao Bay Golf Resort SAIPAN



Lao Lao Bay Golf & Resort / USA

Saipan / USA
 2007 ~ 2008
 16,023㎡ / B1+A9
 SKM Architect /



2013
 : 54,000㎡ / 4 / 5
 : 19,000㎡ / 1 / 3
 : 51,600㎡ / 1 / 3
 DA - Group / Posco /
 /
 : + / +FCY
 : + / AHY
 : A/C+ ()
 :

Saipan World Resort / Saipan

Saipan, CNMI
 2003 ~ 2004
 40,700㎡ / B1+A10
 Space Architect./World Construction co., Ltd.

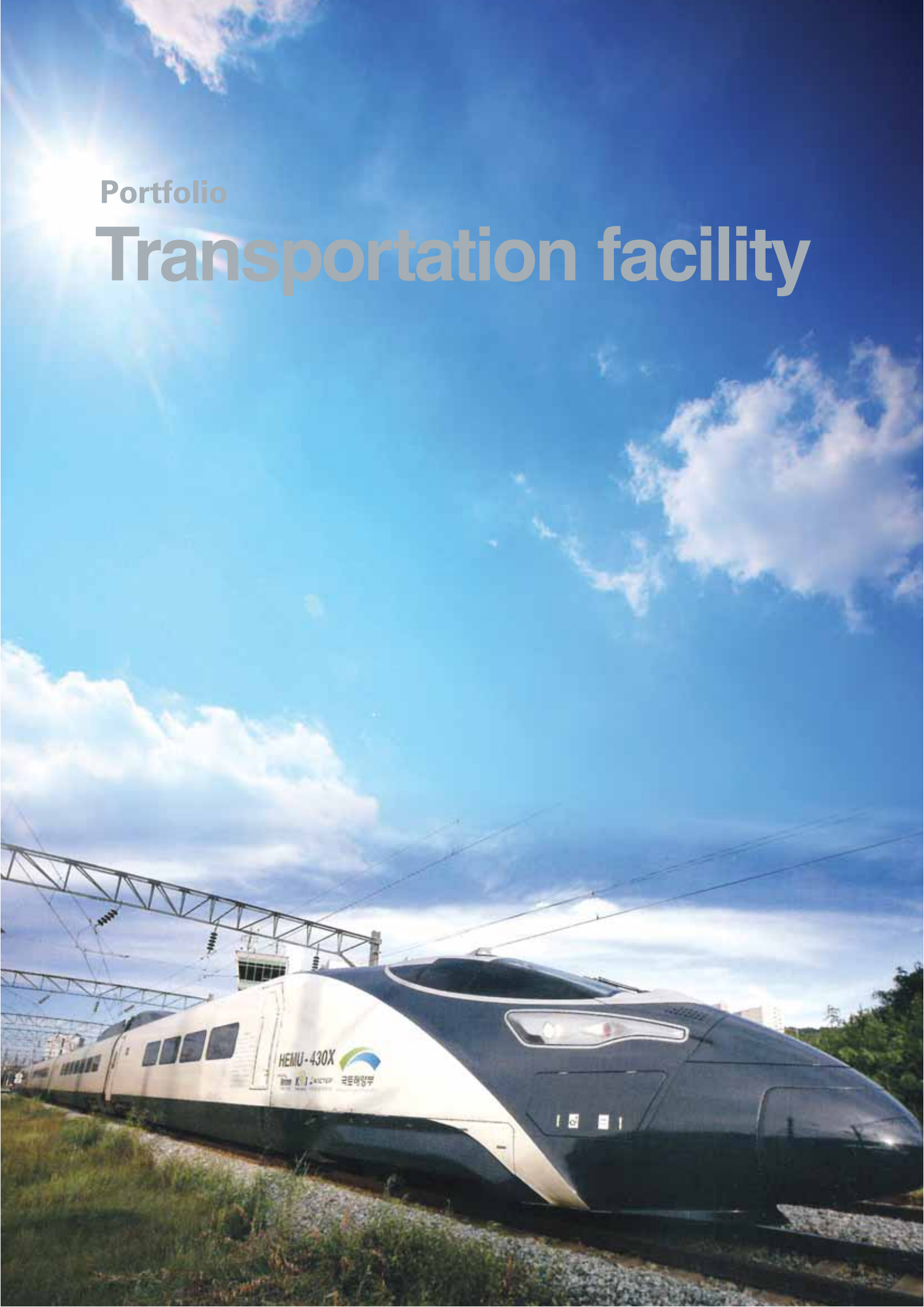


Midas Golf Clubhouse

가
 2000
 7,460㎡ / B1+A3
 A - Group /

Portfolio

Transportation facility



3 2

2013
384,300㎡ / 2 ~ 5
/
가



1997
93,720㎡ / 10 ~ 10
/
/



3 3-3

2008
7 / (23.95km)
/

(6)가 / - Turn key

가
1999
가 850 / 400
/
/

Turn - key

215 226 Turn - key

2008 ~
40,590㎡ / 27,720㎡
/ /

2009 ~
3,829㎡ / 1 ~ 2
/ /



3

6

(,) - Turn key

2003 ~ 2009
6.96km(1,27km)
/ 3 ,
/

2005
2 , 3
/ /

-Turn key

2002
11,620
LG / /

2000
66,521m²
ENG / LG / /



()
2001 - 2011
16.24km / 1 , 2
/

Portfolio

Industrial plant facility



2008 ~ 2009 1110
 148,807.663㎡ / 1 ~ 28
 /
 : (EHP)



UAE BRAKA

(Simulator , , Gate House, Family Village)
 () / () + / /
 HVAC+ Plumbing, other utility

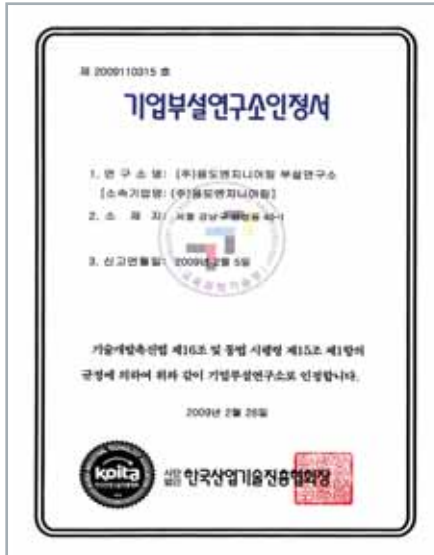
(LNG)
 2012 256 124
 ()
 / /
 : / /
 : 가



2
 (LNG)
 1 - 1521 6
 2012 ~ 2013
 146,500㎡ / 1 ~ 5
 () / ()
 / /
 : 가



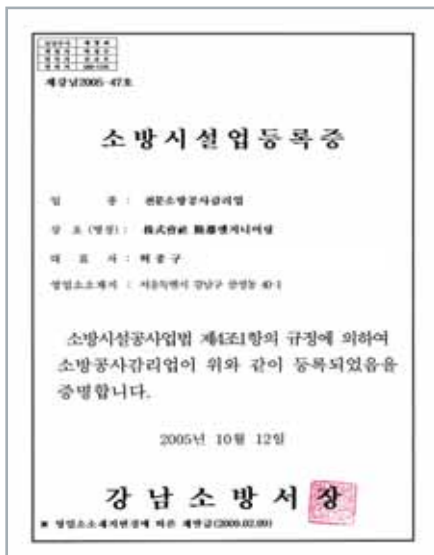
**The company of
Trustworthy,
Yungdo**



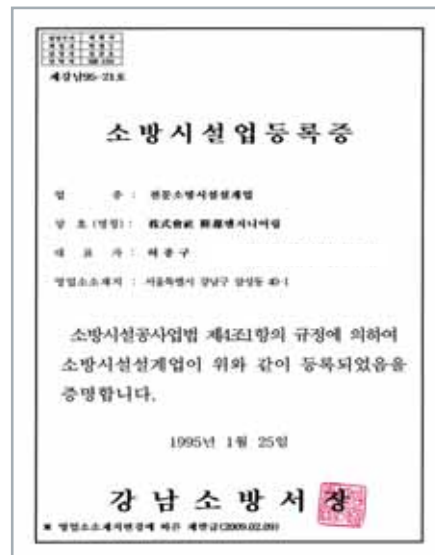
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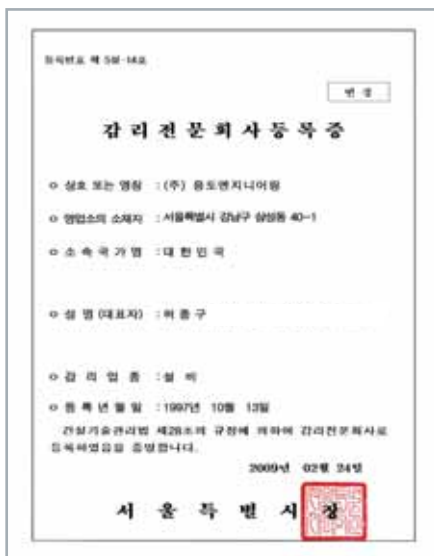
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