

LemonYellow

Human Lifestyle Creation Group



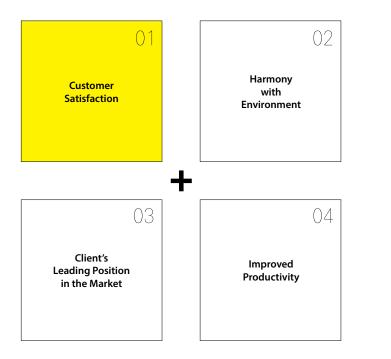


02. Business Performance

03. Portfolio



product design



If a product is not selling, it is not a product.

Today, there can not be any product without knowing the consumer We compete with products those are more concerned with the consumer characteristic and lead a sense of consumers through constant research on the consumers with different personalities and technology

We make a new value, not a product.

We think that greate design is valuable to users as well as our clients. We are dedicated to creating a design that meets users and clients, based on the open mind and accumulated know-how.



Company Name	•	Lemonyellow Co., Ltd.
CEO		Sup-Hee Sun
Corporate Registration Number		120-86-24047
Date of Establishment		2001. 7. 7
Address		849-22 Bangbae-dong, Seocho-gu, Seoul, Korea
Phone Number		t. 02.547.5586 f. 02.547.5589
Business Sector	•	Design Consulting & Service / Baby Product Development
Member		10 of professional designers, 1 for management support, 3 for strategy
Qualification		Industrial Design Company No. 2001-118 (specialization : product, environment)



• Career of CEO

CEO	Sup-Hee Sun
Academic Background	15 Ph.D. degree in industrial design of Hong-Ik Univ.
	09 Master's degree in industrial design of Hong-Ik Univ.
	93 Bachelor of Industrial Design of Hong-Ik Univ.
Course	05~ KAIST Graduate School or Management AVM course complete
Major career	01~ CEO of Lemonyellow Co., Ltd.
	99~ President of Lemonyellow Design Studio
	94~ 98 IDN Co., Ltd. Han-Ol Technology Co., Ltd.
	92~ 94 HyunDai Electronics Co., Ltd.
Award-winning	2014 "Presidential Citation" of Industrial Achievement Award 안전행정부
	2002 ~12 A Number of GD / Pin-up
	06 Award Certificate of Small Business Sector (Presidential Commission on Small and Medium Enterprise)





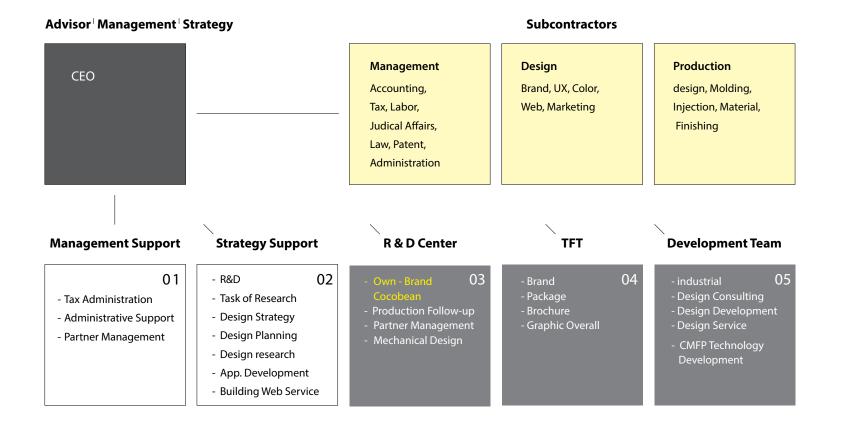
External Activities	Advisor SeJong-Si Science & Technology Council 2015
	Advisor SeJong-Si Engineering Council 2014
	Commissioned judge Foundation for the Promotion of Research and Development
	Special Zone (Ministry of Science, ICT and Future Planning) 2013
	Commissioned judge Korea Evaluation Institute of Industrial Technology (Ministry of Trade, Industry & Energy) 2013
	Commisioned Design Consultant Seoul Design Foundation 2013
	Commissioned judge InCheon Chamber of Commerce & Industry 2013
	Commissioned judge Small & Medium Business Administration 2013
	Commissioned judge Korea Industrial Design Exhibition 2011
	Commissioned judge Good Design (Ministry of Knowledge Economy) 2009
	Commissioned judge Overseas Workshops of Korea Institute of Design Promotion(KIDP) 2009
	The Selection Panel of Judges Followship Designer for Seoul Business Agency 2009
	Judge Design Manpower Cultivation Project(Design Korea Membership) of Seoul Business Agency 2009
	Commissioned Expert Member Design Home Doctor Project for Small & Medium Business
	(Korea Institute of Design Promotion(KIDP)) 2004
	Product Division Director & Promotion Division Director Korea Design Firms Association (currently)
	Executive Directors Korean Society of Industrial Design (currently)
	Lecturer Hong Ik University
	Lecturer Kore National University of Arts



2015.01 •	Named an Outstanding Design Company from Ministry of Trade, Industry & Energy
2014.07 •	Named an K-BrainPower from Ministry of Trade, Industry & Energy
2013.01	Named an Outstanding Design Company from
	Ministry of Trade, Industry & Energy
2012.09	Moved to Bang-Bae Dong Building
2011.06	Established R&D Center
2010.11	Participated in Design Korea 2010
2009.12	Participated in Design Korea 2009
2009.12	Participated in World Best Design Exchange Seoul 2009
2009.06 •	Venture Business Confirmation
2008.10	Participated in Korea Electronics Show(KES)
2008.09	Participated in China International Consumer Goods Fair
	and Market Development Group in Chingtao
2008.09	Participated in Design Korea 2008 Guangzhou
2008.05	Opening Member of Ningbo Design Center in China
2007.11	Participated in World Best Design Exchange Seoul 2007
2006.11	Participated in Design Korea 2006 Shanghai
2005.12	Participated in World Best Design Exchange Seoul 2005
2004.11	Participated in Design Korea 2004 Beijing
2004.09	Opened Studio in Shenzhen, China
2004.08	Joined Korea Venture Business Association
2004.05	Named a Korea's Top Design Company from KIDP
2001.08	Joined Korea Design Firms Association
2001.08 •	Design Company Registration (No. 2001-118)
2001.07	Conversion to a corporation(Lemonyellow Co., Ltd)
2000.09	Established Lemonyellow Design Studio

















- KT-Tech "Smart Phone"
- UTStarcom " GSM Phone for America : verizon"
- Reliance "GSM Phone for India"
- Rose Telecom Co., Ltd. " CDMA Phone for India" | Annual contract of GSM Phone
- SeWon Telecom Co., Ltd. "GSM" phone Flip type | Dual Folder type
- PanTech Co., Ltd. Dual Folder type "CDMA Phone" | Dual Folder type GSM Phone for China | "Smart Phone" for America
- CAM 3G Phone | 3G Digital Camera Phone etc.
- SK telecom Co., Ltd. " Kids Phone"
- SK telecom Co., Ltd. "IMT-2000" Folder type phone | "Folder tyle camera phone" etc.
- maxon telecom co., ltd. "Color Camera phone"
- MiRae Telecom Bar type GSM Phone for China | Folder type Phone | "GSM Phone for woman" | Annual contract of Dual Color phone
- Celinx co., ltd. "Swing Phone" | "Swing Phone" with Intenna | "Swing Phone" with Wheel Key
- Teleworks co., ltd. "Mini slide phone" | "Wide phone" | "Intenna phone" | "MP3 Camera phone etc.
- KCM co., ltd. "Slim Series"
- Ningbo Bird "Low-Tier GSM Phone"
- Quasar "Low-Tier GSM Phone"
- EastCom "proposal for 3G Phone " etc.

Number of mobile phone design development for North America, South America, Indea and Russia



- ENEX "Furniture Series"
- Hyun Dai Motors "Grandeur HG Pattern development"
- Sam Sung Electronics "Flash SSD" Design
- Montessori "English Educational Device for Infant" series
- Dongmoon Construction co., Itd. Home security system "LENECO" series (Wall Pad ¹Door Camera)
- Hyundai Digitech co., ltd. "BS Anttna.""Home Automation system""Home Network System""Digital Door Lock""GPS System""Navigation system" etc.
- ID-teck co., ltd. "RFID Access Control System, PI, "Multi-Modal Control System"
- Youngshin ELC co., ltd.- "Two-way type" burglar alarm system | Many alarm-related products
- Newell co., ltd. "Digital Door Lock" (Open type | Slide type / RFID type | Secondary Key etc.)
- H&T co., ltd. "Stereo Bluetooth headset"
- N3 co., ltd. "BlueTooth handsfree for vehicle"
- CoolTech co., ltd. "Wrist Type RFID Reader "
- ICom Systems co., ltd. "Note Phone"
- NoahTech co., ltd. "Satellite dish"
- Allmedicus co., ltd. "Personal glucose meter" "Hospital glucose meter"
- AproTech co., ltd. "Soip phone for KT"
- Sungwoo Mobile co., ltd. "Voip phone"
- Kae Sun Sports co., ltd. "Treadmill"
- Aramhuvis co., ltd. "Video Equipment"
- OsCom co., ltd. "Hi-Pass Terminal" etc.



Support Organization	Project	opening day	complete day
Foundation for the Promotion of Research and Development Special Zone (Ministry of Knowledge Economy)	2011 Total Design Support Project	2011.10	2013.06
Korea Evaluation Institute of Industrial Technology (Ministry of Knowledge Economy)	2011 Generic Technology Project - Public Service Design	2011.09	2012.08
Small & Medium Business Administration	Fingerprint recognizer development	2011.09	2011.12
InCheon Regional Intellectual Property Center (InCheon Chamber of Commerce and Industry)	Diagnostic consulting of SLIDE PEN product design	2011.07	2011.11
InCheon Regional Intellectual Property Center (InCheon Chamber of Commerce and Industry)	Vibration speaker using bone conduction system	2011.07	2011.11
Korea Institute of Design Promotion	Urine test kit for self-diagnosis design development	2011.07	2011.10
InCheon Regional Intellectual Property Center (InCheon Chamber of Commerce and Industry)	Massage roller for body design development	2011.07	2011.10
JeonBuk Regional Intellectual Property Center (JeonChoo Chamber of Commerce and Industry)	Waste water treatment equipment - Product design development and for patents right acquisition	2011.06	2011.10.
JeonBuk Regional Intellectual Property Center (JeonChoo Chamber of Commerce and Industry)	4D MOTION CHAIR - Patented technology product design development and right acquisition	2011.06	2011.10
Gyeonggi Small and medium Business Center	ISDB - PMP embeding T(for Japan) Development	2011.06	2011.08
Small & Medium Business Administration	Vehicle Smart Key Development	2011.03	2011.06
Seoul Design Foundation	Design consulting on vehicle blackbox	2011.03	2011.05
Seoul Design Foundation	Design consulting on the smallest complex card printer	2011.03	2011.04
Seoul Design Foundation	Design consulting on the wallking assist stick for disable person and elderly	2011.02	2011.03

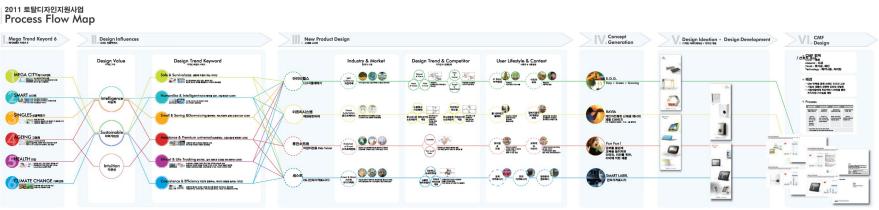




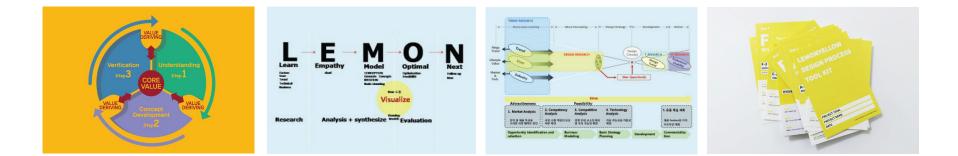
- **02.** Stable Design excluding the formal uncertainties
- 03. Differentiated product design from existing products
- **04.** Productivity increase by design development considering the mass production
- 05. Improvement in product level by new concept with the new idea and new technology and future development direction proposal
- 06. Product design that is suitable for the customer's business environment based on understanding of the customer's business
- 07. Product competitiveness reinforcement through improving brand image
- 08. Image Establishment as a leading company in related industries at home and abroad



step1.design Strategy









step2. Design Development





step3. Design Evaluation

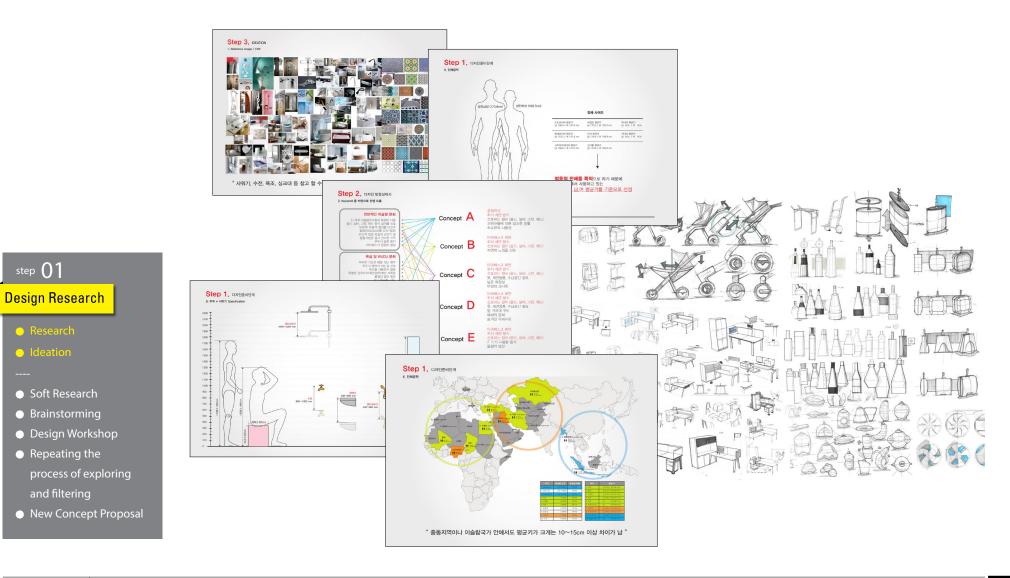
- FGI(focus group interview); a consumer research that find informations through intensive interview with a small number of respondents
- participant observation user interview index survey participational and ethnographical methodology extraction of the types of customer experience management







step1. Design Research



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step3. Concept Development





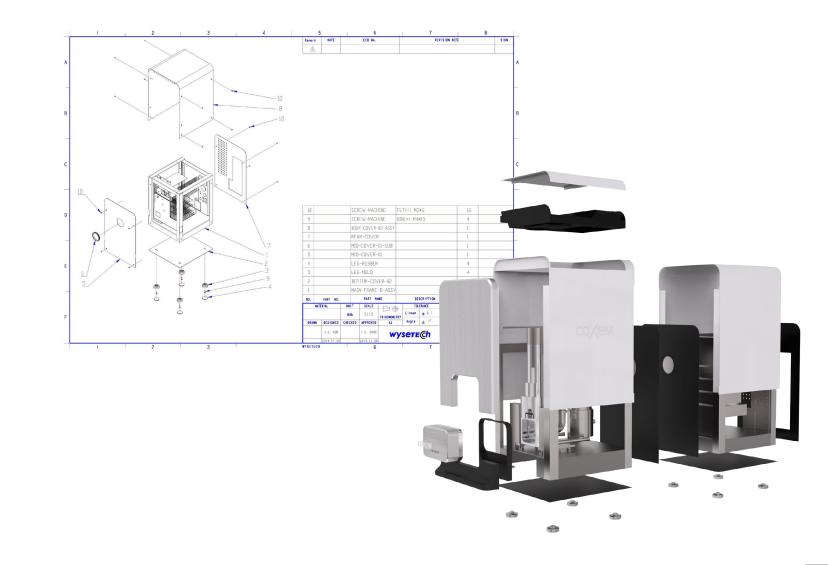
section 03

ConceptDevelopment

- 2D Rendering
- 3D Rendering
- 3D Simulation is possible



step4. Concept Refine



step **04**

Concept Refine

- 2D Drawing
- 3D Drawing
- 2D(Auto CAD) or 3D (IGS/ Pro-E) Final Outline
- Data for Design Mock-up

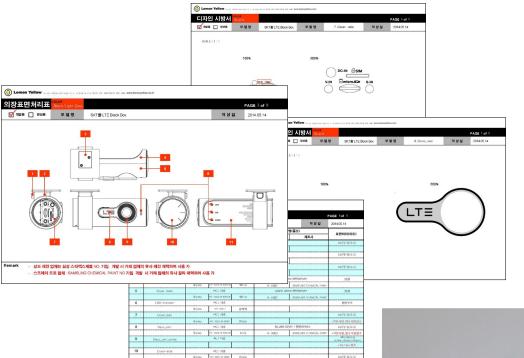


step5. Arrangement





step6. Follow-up







step 06 Follow-up

- TP Support
- MP Support
- Data(3D Specification)
 - Transfer / Color Proposal



success project since 1999





Design Consulting / Establishment of a strategy - Design Development - Prototype proposal & Design Rights





Design Consulting / establishment of a strategy - Design Development - Prototype proposal & Design Rigths





Product Planning - Design Development-Prototype proposal

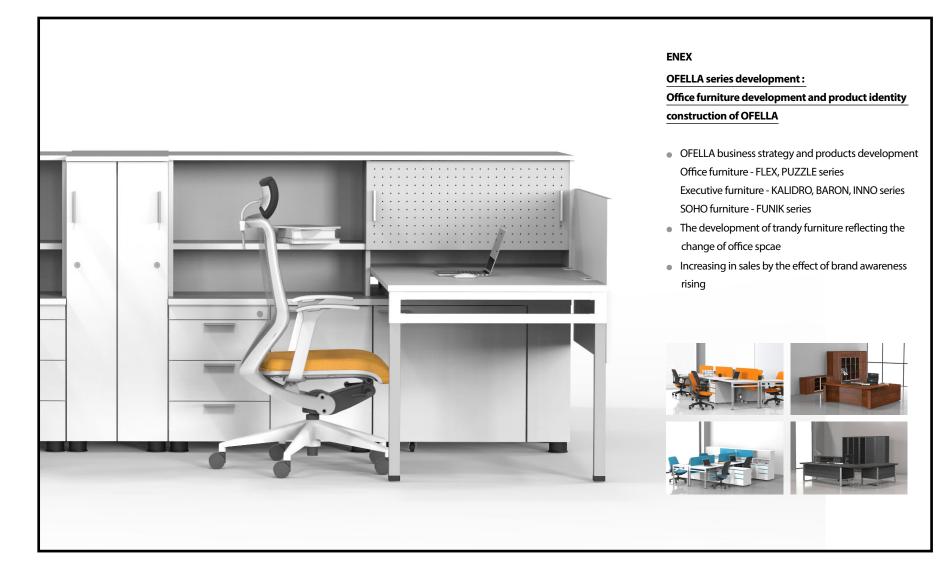
Flexible car seat which can be used continuously from infants to schoolchilderen, regardless of the type of seat for the growth stage

- Proceeded product planning, design and mechanical design
- Presented the company's long-term business model
- Acquired the development capacity and professionalism in baby goods for going out





Design Consulting / establishment of a strategy - Design Development





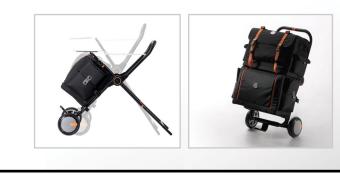
Design Consulting / establishment of a strategy - Design Development - FGI

DONG IN ENTECH CO., LTD

Technology development of Cmaping carrier for easy camper :

A camping carrier can height control and transform into cooking table

- Dong In is a company that is specialized in developing and producing high-end backpack, leports equipments and ambulance CART
- Established design strategies through mega-trend research, industry trend research, user lifestyle research, market analysis and consumer survey(IDI, FGI)
- Design Development : Multipurpose carrier that can be transformed into a cooking table with height adjustable AI frame. We adapted wheel carrier technology and considered easy of storage and space utilization.
- Analysis of Consumers Receptivity : Verified and evaluated new product through the product acceptance research (FGI method)







Leading Product Development applying New Technology





Design Consulting and Development





Patent Technology (Industry-academic collaboration) : Design Research / Design Consulting & Design Development





PI Construction / BI - Products - Package Identity Construction



Gluco^Dr.

Allmedicus co., ltd. World Class Product Korea Certification

- 4 models of blood glucose meter development and product and package identity for 4 years
 1) Low-cost mobile blood glucose meter
 - 2) Blood glucose meter combined with cholesterol measurements
 - 3) Hospital blood glucose meter
 - 4) Ubiquitous mobile blood glucose meter
 - 5) product package development for 6 models / PI construction
- They had sales increase with brand awareness rising.



Total Design - Advanced Design - Product Development - Business Matching



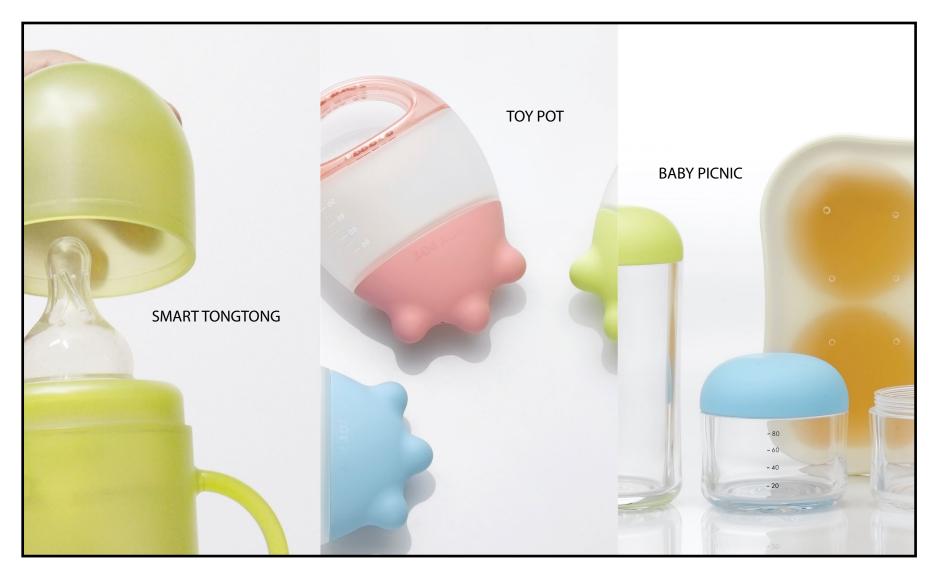


Own brand products





Own brand products





Patent - Product Planning - Design Development

Dong In Optical

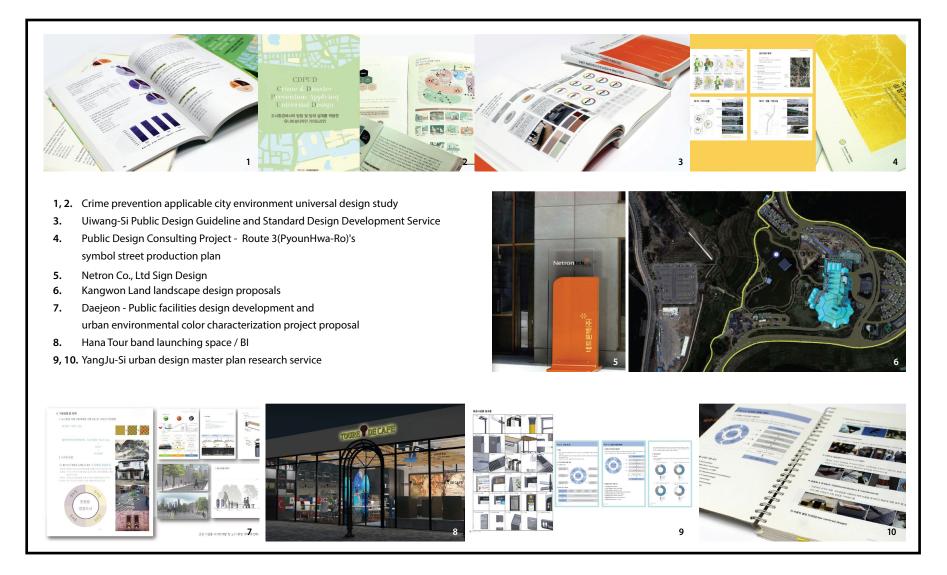
Portable magnifying mirror applying the Fresnel lens Development

- Military and civilian optical panoramic sight(dot sight, scope) specialty in manufacturing
- They have optical product development, manufacturing know-how and have secured competitive prices.
- Prior to the development of new products, they excavated items through design consulting.
- We planned products applying their patented technology 'Fresnel Lens' and s ucceeded in commercializing





Environment





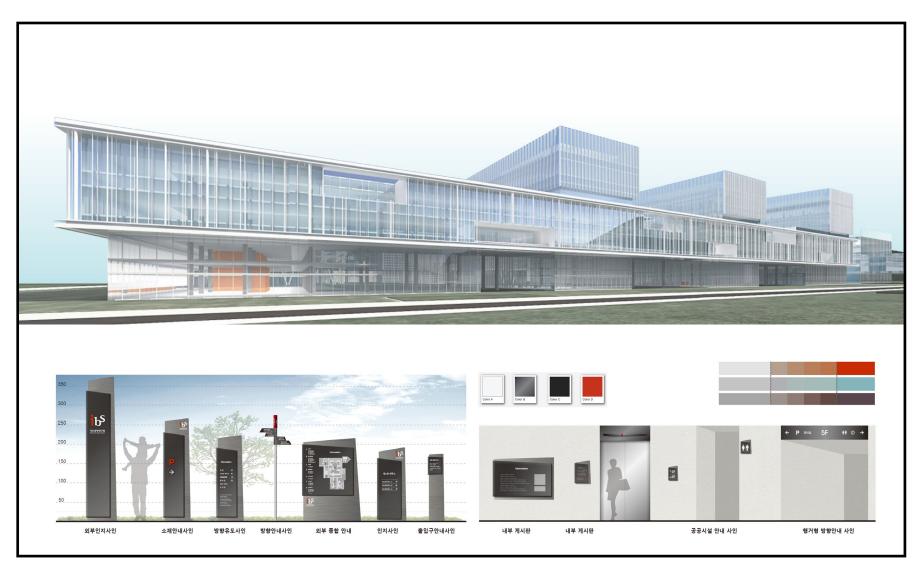


visualization



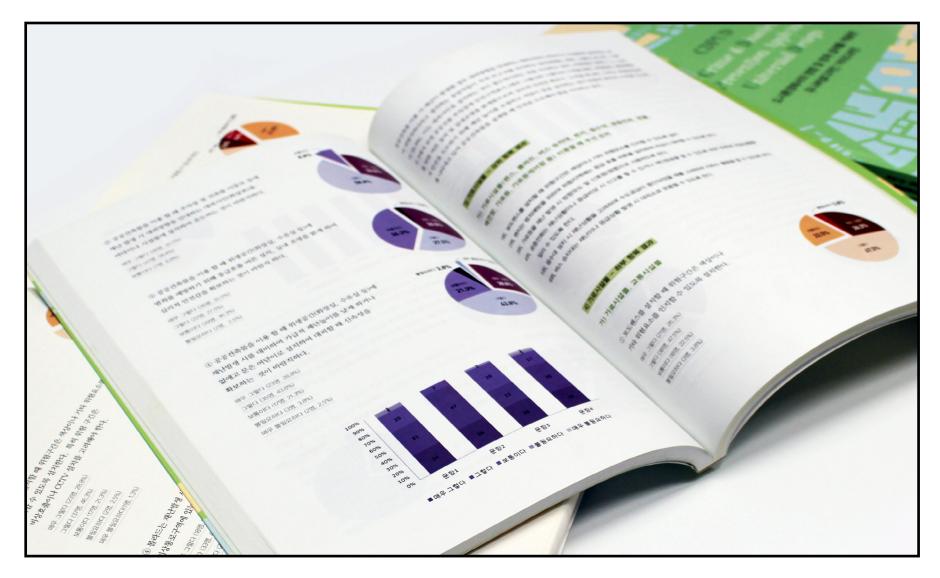


ibs Institute for Basic Science





Crime prevention applicable city environment universal design study



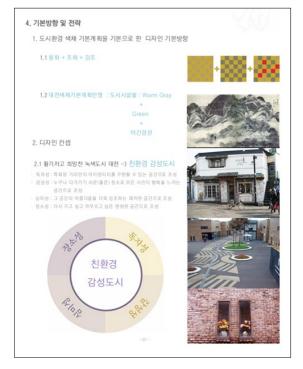


Crime prevention applicable city environment universal design study (detail image)



Daejeon - Public facilities design development and urban environmental color characterization project proposal









Daejeon - Public facilities design development and urban environmental color characterization project proposal(detail image)

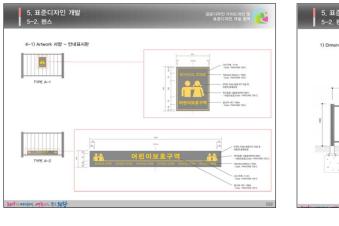




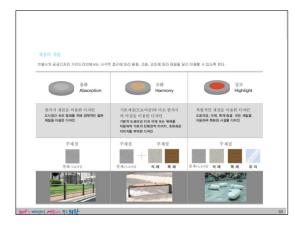


Uiwang-Si Public Design Guideline and Standard Design Development Service













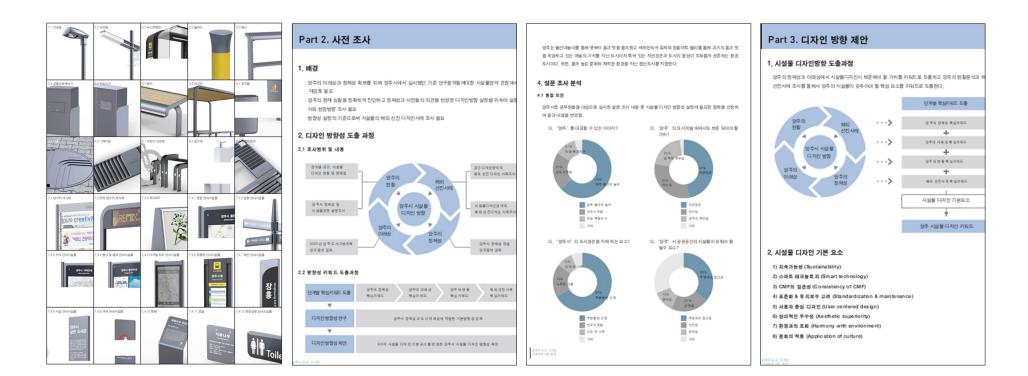


Uiwang-Si Public Design Guideline and Standard Design Development Service(detail image)



YangJu-Si urban design master plan research service



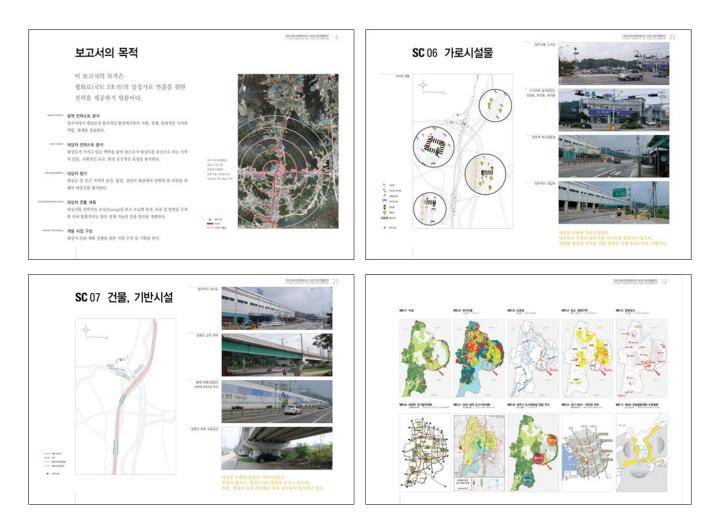


YangJu-Si urban design master plan research service(detail image)



Public Design Consulting Project - Route 3(PyounHwa-Ro)'s symbol street production plan





Public Design Consulting Project - Route 3(PyounHwa-Ro)'s symbol street production plan (detail image)



Kangwonland Landscape design Proposal





Kangwonland Landscape design Proposal(detail image)



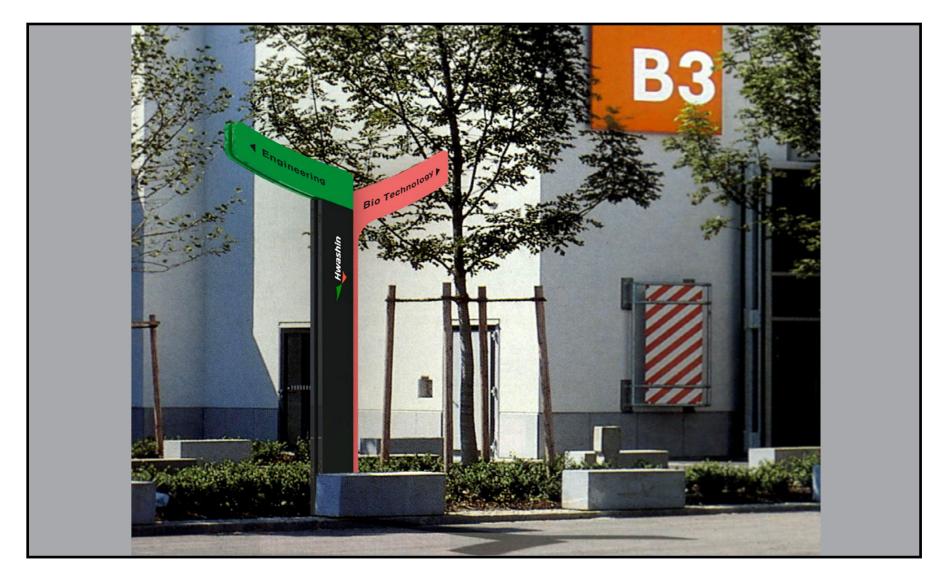
Shinwon international patent law firm







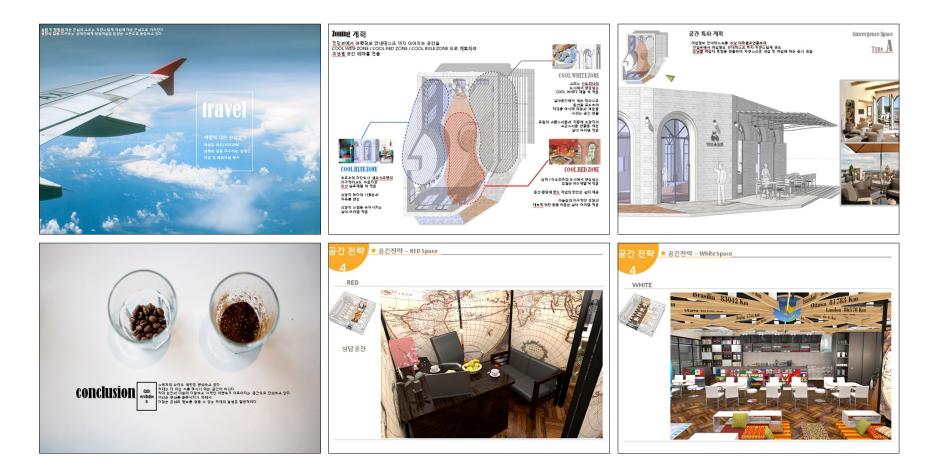
Hwashin





Hana Tour band launching space / BI TOUR DECAFE





Hana Tour band launching space / BI (detail image)

Thank you

