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DUKSAN NEOLUX

Investor Relations 2021

The 1st INNO-Creator via Unlimited Challenge

본 무서는 덕산그룹의 자산입니다. 출력물 관리에 유의 바랍니다.

Disclaimer

All data corresponding to the period of 4Q 2020 is based on K-IFRS, participated in the preparation by Duksan Holdings to provide information for investors and transmission, copying or distribution of this material is prohibited.

This material contains forward looking statements that are subject to variety of uncertainties and risk factors. This includes world economy followed by trends together with market strategy, business plans and future investment plans. Duksan Holdings can give no assurance that its expectations will be attained due to these environmental changes.

Company's actual performance may change due to unexpected factors. These factors include deepened economic stagnation, decrease in customer demand, customer churn, price cut pressure, projects and equipment investments.





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01. COMPANY IDENTITY



Organic material, key material in OLED industry

Leading OLED material provider

Vision

Self-developed high-efficiency, low-voltage and long-lasting OLED organic material





04/14



02. COMPANY OUTLINE



Name of Company	Duksan Neolux co., ltd.	Business Field	Manufacture and sale of OLED organic materials
CEO	Joonho Lee, Soohun Lee	Employee	203 (2020.12.31)
Capital	4,802 million	Business Site	21-32, Ssukgol-gil, Ipjang-myeon, Seobuk-gu, Cheonan-si, Chungcheongnam-do, Korea
Listed on KOSDAQ	2015. 02. 06.	Website	www.dsnl.co.kr

Chairman



Joonho LEE

- Bachelor in economics at Busan National Univ.
- (former) Working at HYUNDAI Heavy Industries, HYUNDAI Precision&Ind.co.
- Founding DS Industrial(1982)
- Founding DS Hi-Metal(1999)
- (current) DS Hi-Metal CEO
- (current) DS Neolux CEO
- (current) DS Holdings CEO
- (current) Chairman of DS Group

Executives

Position	Name	Career
Chief Executive Officer	Soohun LEE	 Master in international studies at Korea Univ. (former) Dongbu Electronics
Chief Technical Officer	Sunggi KANG	 Doctor in electronic material engineering at Sungkyunkwan Univ. (former) Samsung SMD
Chief Marketing Officer	Steven HWANG	■ B.A. Economics at Univ. of California ■ (former) Samsung Semiconductor





03. COMPANY HISTORY









2012. World Class 300

2014. Declaring the vision *N-E-X-T 2020*

2014. Awarded the grand prize in IP-R&D strategy (Korean Intellectual Property Office)

2014. Spin-off(DSHM → DSNL)

2015. 02 - DSNL was newly listed(KQ -213420)





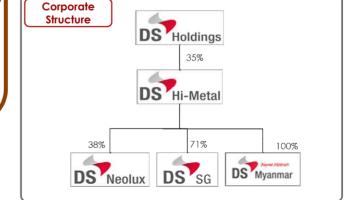
2015. 10 - 6th Display Day 'Industrial Award' (appreciate OLED material localization)

2016~2018. 02 - SDC Best Partners Award

2019. 10 - Korea Best IR Award(award of excellence)

2019. 12 - Ministry of SMEs & Startups, Secretary Award

2020. 10 - Korea Best IR Award(award Grand prize)



1999. DSHM was established

2000. DSHM → Samsung beginning to supply SB

2005. DSHM was listed (KQ - 077360)

2008. Acquired Ludis(DSHM)

Part of DSHM - EL material

2009. SMD HTL, CPL beginning to supply material

2009. Obtained ISO/TS 16949:2002 certification



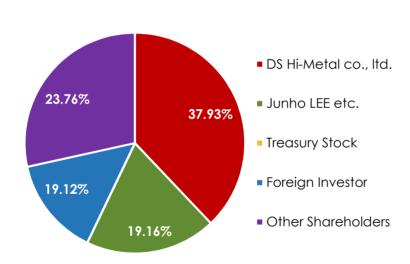
06/14

04. SHAREHOLDER INFORMATION



Shareholder

X 2020, 12, 31



*** Total No. of Outstanding shares : 24,010,012 shares**

Shareholder Info

No. of shares that could be issued	80,000,000 shares					
Shareholders	No. of shares	Stake	Note			
DS Hi-Metal co., ltd.	9,105,856	37.93%				
Junho LEE etc.	4,601,264	19.16%	Joonho Lee etc. (Joonho Lee : 17.21%)			
Treasury Stock	5,528	0.02%				
Foreign Investor	4,591,438	19.12%				
Other Shareholders	5,705,926	23.76%				
Total	24,010,012	100%				





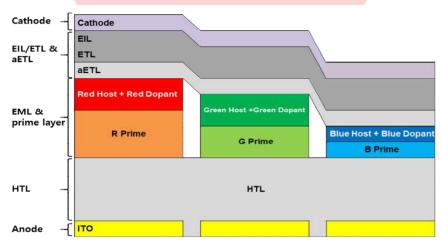
05. PRODUCTS AND COMPETITIVENESS



RGB Type OLED Material & R&D State

DS Holdings

AMOLED Structure(RGB Type)



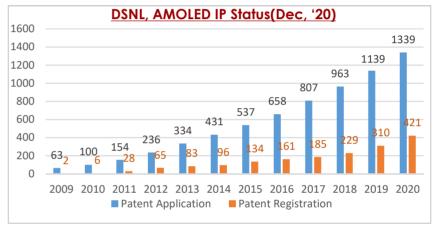
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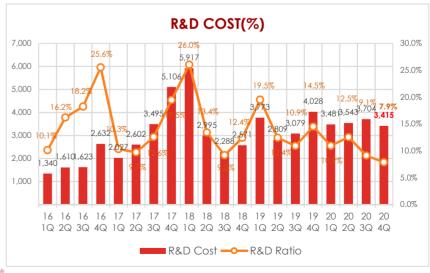
DSNL Products

Categories	Competitors	Our Company	M/S
HTL	1~2	MP	Top1
Red Host	1	MP	Top1
Red Prime	1	MP	Top1
Green Prime	1	MP	Top1

Total Products: HTL(CPL), Red Host, Green Host, R,G,B Prime, ETL

R&D







06. MANUFACTURING FACILITIES



Enough facilities to respond to OLED's demand increase

2020.12.31

Synthesis Facilities (3ton/Mon)

■ 300€



■ 3000€



Purification Facilities (1.7ton/Mon)

Sublimation









07. MANUFACTURING PROCESS



Design, synthesize, and purify OLED material for mass production Key patents at synthesis and comparative quality of control

Manufacturing Process

Build a On-Time Delivery system

Synthesis



In-Line Manufacture System

- Prevent impurities mixed
- Maintain equal synthesis condition
- Promptly respond to Needs

Purification



High purity Sublimatorm

- Clean Zone(Class10,000)
- Largest Global Capacity

Molding



Coin & Stick

- Clean Zone(Class1,000)
- Exclusively have stick shaped modeling technique in Korea
- High productivity and quality





08. GROWTH STRATEGY



Growth Strategy

Diversifying Portfolio

Looking to expand new business

- Prepare for the rapidly changing business environment
- Create a synergy effect with existing business

Expanding Market Leadership

Consolidate the 1st position in domestic market

- Maximizing sales and operating profit through outstanding marketing strategies and securing technologies
- Expand long term supply contracts



Customer Expansion

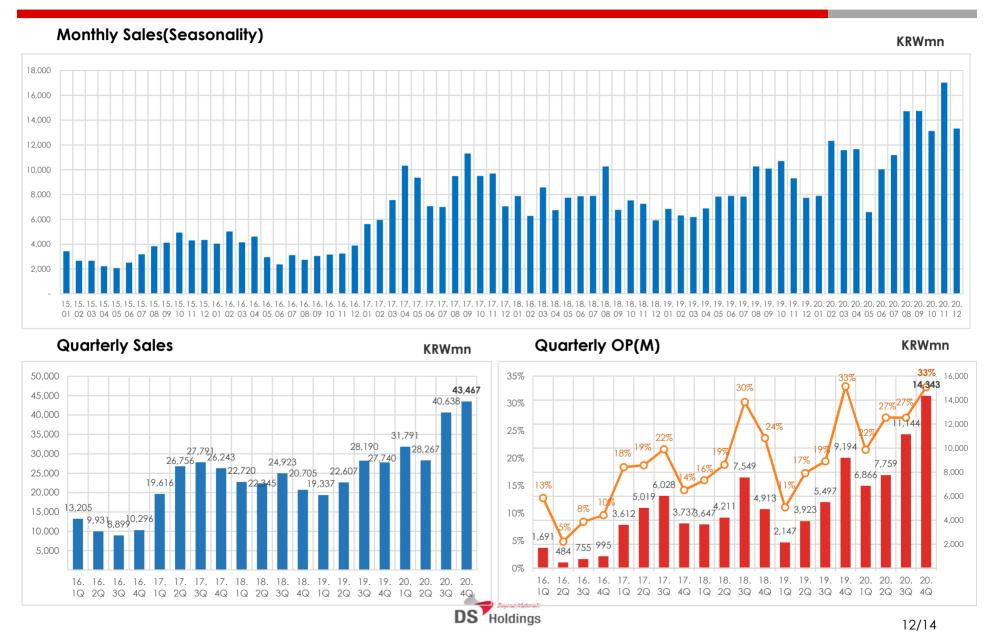
- •Secure new customers through reinforcing sales and marketing
- Invest in R&D for new products and lead the market





09. MONTHLY/QUARTERLY RESULTS





10. FINANCIAL



QoQ/YoY

Balance Sheet

/	R	W	M					
N	К	٧	٧	П	I	ı	ı	ı

	2020 4Q	QoQ	2020 3Q	2019 4Q	YoY
Revenue (COGS)	43,467 (60%)	7%	40,638 (64%)	27,740 (54%)	57%
GP (GPM)	17,326 (40%)	20%	14,480 (36%)	12,752 (46%)	36%
SG&A	2,983 (7%)	-11%	3,336 (8%)	3,558 (13%)	-16%
OP (OPM)	14,343 (33%)	29%	11,144 (27%)	9,194 (33%)	56%
Non- operating Income(Loss)	-3,035 (-7%)	403%	-603 (-1%)	-1,392 (-5%)	117%
Income before TAX	11,308 (26%)	7%	10,542 (26%)	7,802 (28%)	45%

KRWmn

	2020. 12. 31	2019. 12. 31	2018. 12. 31	2017. 12. 31
[Current Assets]	90,913	78,406	72,142	76,721
[Non-Current Assets]	130,000	102,905	88,181	72,524
Total Assets	220,913	181,311	160,323	149,245
[Current Liabilities]	19,882	16,063	13,682	19,614
[Non-Current Liabilities]	8,275	5,305	5,695	7,149
Total Liabilities	28,157	21,368	19,377	26,763
[Capital Stock]	4,802	4,802	4,802	4,802
[Additional Paid-in Capital]	93,775	93,775	93,775	93,775
[Other Capital Categories]	311	311	311	311
[Retained Earnings]	93,868	61,055	42,058	23,594
Total Capital	192,756	159,943	140,946	122,482
Total Liabilities and Capital	220,913	181,311	160,323	149,245





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