

# Success story of Lab-to-Market University Program

## Kolmar BNH

Overview	Established as a joint venture of the Korea Atomic Energy Research Institute and Kolmar Korea (February, 2004)
Business item	Health functional food, cosmetic functional materials
Job creation	4 employees in 2004 -> 223 employees in 2017
Revenue	910,000 USD in 2004 -> 273 million USD in 2017



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## Luxrobo

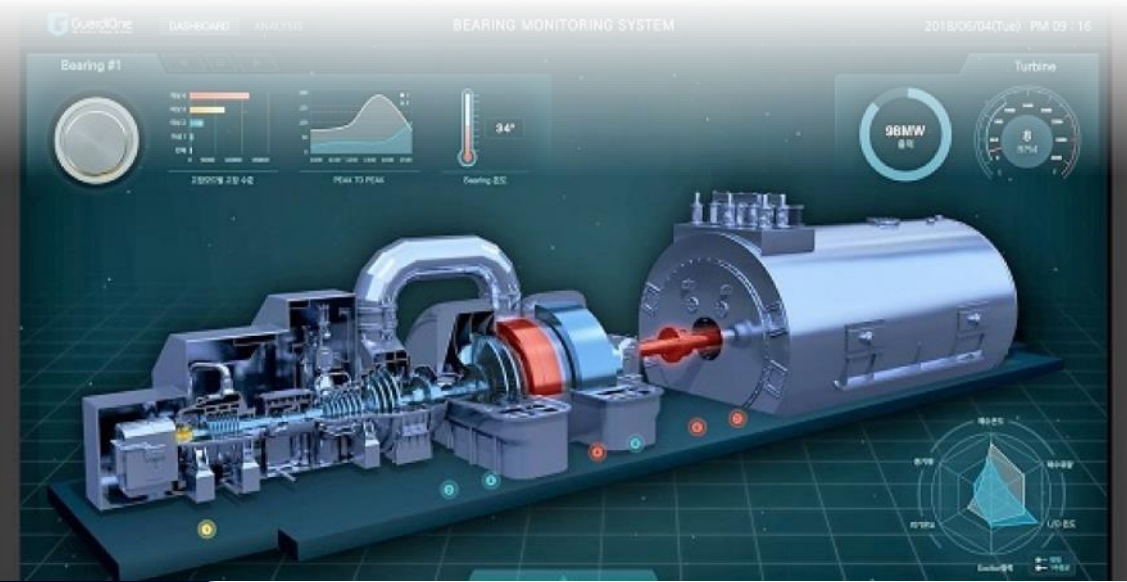
Overview	Founded by graduate school students of Computer Engineering, Yonsei University (November, 2014)
Business item	MODI, teaching aid for robot training and coding study
Job creation	3 employees in 2014 -> 55 employees in 2018
Investment	Attracted 7 million USD investment, including Hanwha, Kakao Brain and KDB.



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## OnePredict

Business item	Industrial intelligence prognostics and health management (PHM) technology that converges IoT, big data, AI, and engineering knowledge technology
Job creation	Newly hired 16 persons (between 2016 to February 2018)
Revenue	Continuous sales growth (364,000 USD in 2017, 4455,000 USD non-operating revenue) - POSCO, SKT, LG Electronics, etc.

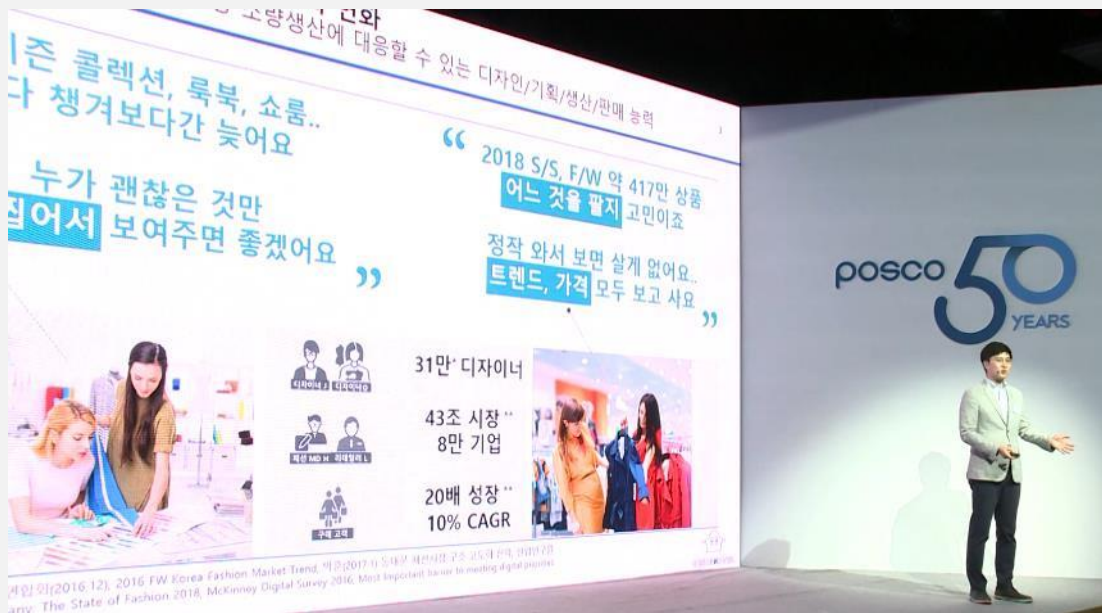




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## DesignNovel

Business items	Expanding from word-based career search service to fashion business
Job creation	6 employees
Investment	Postech Technology Holdings (455,000 USD)/CJ Time Investment (455,000 USD)



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## Narma

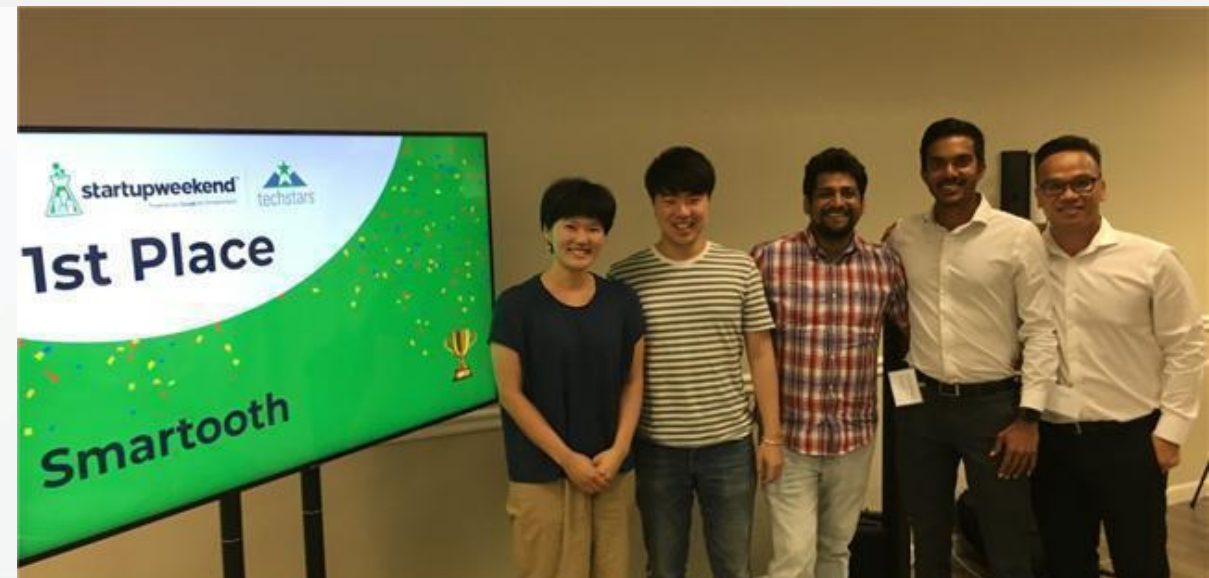
Overview	Registered as the first laboratory company in the Korea Aerospace Research Institute
Business item	Development of the tilt rotor VTOL (Vertical Takeoff and Landing)/High-speed flight unmanned vehicle
Job creation	5 employees
Revenue	49,000 USD in 2018, 78,000 USD in 2019



# Success story of Academic Research to Product/Market Opportunity Search Program

## Smartooth Korea - Start-up through public technology transfer

Overview	Technology transfer from Kangwon National University
Business item	Oral diagnostic equipment for home use
Job creation	6 employees
Investment	Attracted 259,000 USD from 2018 to 2019, and 110,000 USD from Mashup Angels in 2019





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## Accunos - Public technology start-up (pivoting)

<b>Business items</b>	Pivoting transfer : A sensor system that detects food harmful substances on the spot with high accuracy, based on fluorescence digital imaging technology After pivoting : Non-cultivated ultra fast pathogen detection kit
<b>Job creation</b>	Developed a kit that detects pathogen without the culturing process, such as food poisoning bacteria and antibiotic resistant bacteria A technology that counts pathogen quickly and accurately through imaging, by concentrating magnetic particles, which selectively responds to pathogen, and dying them with fluorescent materials.
<b>Achievements</b>	Succeeded in start-up by pivoting through the customer discovery of the Laboratory Start-up support project.



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## H2K - Innovation start-up (social enterprise)

Business item	"Sojung Hangeul", an AI Hangeul phonics mobile App for slow learners (distributed free in October, 2018)
Job creation	8 employees (as of 2019)
Investment	Attracted 100,000 USD from 2018 to 2019





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## Exosystems - Innovation start-up (excellent technology)

<b>Business item</b>	exoRehab, a wearable rehabilitation solution
<b>Job creation</b>	8 employees (2019)
<b>Sales</b>	Steadily growing from 110,000 USD in 2017 to 182,000 USD in 2019.

