

# Collaboration, the key to success for us all

Neil Lavender Jones | Vice President, High Vacuum, Edwards Ltd.

It is my great honour and pleasure to be able to address you in celebration of the Korean Vacuum Society's (KVS) 25th year anniversary – the same year that South Korea is hosting the 20th International Vacuum Congress (IVC-20), which is being held in Busan from August 21 to 26, 2016.

As a major vacuum manufacturer, Edwards' presence in South Korea began in 1984. The founder of Edwards Korea, J.C. Kim, was also one of originators of the KVS in 1991, and from the beginning Edwards Korea and KVS have enjoyed a very constructive relationship. Our collaboration continues to bring together global, cross-industry experience and world-class expertise in new and exciting fields of vacuum technology.

In the vast global process-driven industries that include food production and the manufacture of consumer goods, Edwards Vacuum plays a key role. Neon signs, architectural glass, LED displays, materials analysis and many automotive components are realised with vacuum technology.

On an industrial level, our technology is vital in the important fields of power generation, chemical and pharmaceutical manufacture, and petrochemical production. We lead the world in generating the systems without which many products could not be made.

Vacuum is also at the heart of research and development in pioneering fields such as high-energy physics and life-saving drug origination; and at grass roots level, where we foster experimentation in the laboratories of schools and universities. Edwards creates systems to meet exacting demands, through off-the-shelf or bespoke solutions. From initial advice through to implementation and support, we deliver safe, progressive vacuum processes that keep up with the complex, evolving demands on both the production and abatement sides of an operation.

Semiconductors are the cornerstone of modern electronics and therefore touch our lives every day. The microchips found in everything from



## 〈저자 약력〉

Neil joined Edwards in 1986 and was appointed Vice President, High Vacuum in 2015. During his career with Edwards, Neil has held roles in procurement and manufacturing management in the UK and was based in Asia for more than 23 years, most recently as President, Asia Pacific. During his time in Asia, Neil successfully managed projects to build factories in Korea and Japan and played a key role in setting up Edwards' service support and business development organisations across the region. Neil was a key member of the project team that led the Seiko acquisition. Neil holds a BSc in Metals and Materials Technology from Manchester University.

computers and smartphones, to washing machines and traffic lights are made possible by the vacuum processes in which Edwards specialises. As the established market leader in the supply of systems for these sectors, we have led the way in developing products that allow semiconductors to be made more complex, faster, more cost-effectively, with less waste and continuously reduced impact on the environment.

Since 2005, manufacturing has been a key aspect of Edwards' Korean operations, with output now at over 12,000 pumps per year from our factory in

Cheonan. We also have a Korean facility for the remanufacture of over 10,000 pumps annually, with some 90 percent of these going to the local semiconductor industry. Edwards' two factories occupy more than 40,000 square metres employing around 750 members of the local communities.

We look forward to the next 25 years of our partnership with the Korean Vacuum Society and wish you every success at IVC-20.

**Neil Lavender Jones**  
Vice President High Vacuum