

# Issue Brief, The Summaries

Vol.91, No. 5, 2023

## Implications of CES 2023 as Technological Innovation for Human Security

Junghyun Yoon (Research Fellow, INSS)

**INSS**

INSTITUTE FOR NATIONAL SECURITY STRATEGY

국가안보전략연구원

## **Implications of CES 2023 as Technological Innovation for Human Security**

Junghyun Yoon (Research Fellow, INSS)

The Consumer Electronics Show (CES) is the world's largest consumer electronics showcase and the most influential tech event. This year's CES concluded on January 8 after introducing key trends such as Web3/Metaverse, Mobility, Digital Healthcare, etc. A noteworthy aspect of CES 2023 was its vision of 'Human Security for All (HS4A)' and its focus on the significance of technology as a means to make human security more universal. CES 2023 displayed how technological innovations can enhance human dignity by granting more access to healthcare, clean water, clean air, human security, mobility, etc.

The South Korean government should thoroughly review the HS4A campaign and its implications for domestic policies and tasks. The following are some suggestions for realizing the human security themes of CES 2023: First, elaborate agendas should accompany the promotion of the universal value of sustainability. A representative example is the energy and environment sector. The conventional

‘production-consumption-disposal’ cycle requires a paradigm shift to a circular economy of ‘collection-remanufacturing-recycling.’ Second, domestic policies and tasks should conform with global initiatives and programs. The South Korean government is preparing implementation plans to meet the 2030 greenhouse gas emissions-cutting targets agreed upon at the UN Climate Change Conference COP 27 in November 2022. Such action plans should align with ongoing governmental projects, such as green shipping and the marine ecosystem restoration project. Third, South Korea should take the initiative in discussions to improve international standards and systems for innovative technologies and services of each HS4A theme. The MyData project is one example that requires a sensitive assessment of legal and institutional applications prior to its implementation in the digital healthcare sector.

In sum, despite its limitations as a tech tradeshow displaying the latest trends in the consumer electronics market, CES 2023 presented the direction for advancing human security values in the future. The South Korean government should not only focus on the innovative products introduced at CES 2023 but widen its scope to the path and direction of future innovative developments.

Keywords: CES 2023, human security, sustainability, technological innovation