

KOREA INSTITUTE of CIVIL ENGINEERING and BUILDING TECHNOLOGY

A Global Research Institute
Leading the Future Ecosystem
of the Construction Industry



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MISSION

Driving innovation in the construction industry through the development and dissemination of original technologies in construction and land management, thereby contributing to an improved quality of life and sustainable national growth

VISION

A Global Research Institute
Building the Future Through
Science and Technology
Innovation

CORE VALUE



INNOVATION



COOPERATION



CAPACITY



SUSTAINABLE



GLOBAL

PERSONNEL

Total

906

By Job Type

Researcher 709

Technician 37

Assistant Technician 95

Administrator 65

BUDGET

Total

121.4M

USD

42.3M
USD



Government Contributions

26.2M
USD



National R&D

30.5M
USD



Commissioned by Government

18.8M
USD



Commissioned by Private Sector

3.6M
USD



Others

(Exchange rate : 1 USD = 1,399

/ Unit : 1M = 1 million USD)

RESEARCH AREAS

Department of Highway & Transportation Research

Conducts research to build a smart, safe, and sustainable road environment by leading the world in future road and transportation technologies.



Department of Structural Engineering Research

Focuses on developing safe and economically efficient national infrastructure to enhance the quality of life.



Department of Geotechnical Engineering Research

Develops cutting-edge geotechnical technologies applicable to a wide range of infrastructure, including roads, tunnels, foundations, dams, and buildings.



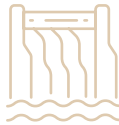
Department of Building Research

Conducts research to create sustainable, safe, and comfortable living environments.



Department of Hydro Science and Engineering Research

The department addresses water-related issues and safeguards the public from natural disasters.



Department of Environmental Research

Addresses climate risks through advanced environmental technologies and hydrogen energy infrastructure, while leading the transition toward carbon neutrality by 2050.



Department of Future & Smart Construction Research

Aims to lead the digital transformation of the construction industry and advance future construction technologies, developing smart construction technologies for practical implementation.



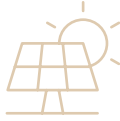
Department of Fire Safety Research

Development of comprehensive and reliable fire prevention, fire response, and fire safety management technologies at the national level to ensure public safety.



Department of Building Energy Research

Develops innovative policies and technologies to achieve carbon neutrality by 2050.



Construction Test & Certification Department

Addresses technological changes in the construction sector and enhances national competitiveness.



Construction Industry Promotion Department

Contributes to enhancing the global competitiveness of the construction industry by supporting smart construction startups, fostering innovative SMEs, and promoting regional cooperation.



Department of Construction Policy Research

Leads innovation in the construction industry and technologies while formulating global policies to shape the future paradigm of the construction sector.



Korea Construction Standards Center

Dedicated to developing and systematically managing construction standards to ensure public safety and support innovation in the construction industry.



Integrated Road Management Research Center

We build a smart and sustainable road management system on advanced technologies to ensure public safety and convenience.



Yeoncheon SOC Demonstration Center

We establish and operate full-scale test infrastructures for next-generation road technologies, driving improvements in quality and innovation.



KICT School

A graduate school embedded in a research institute, dedicated to hands-on education and the development of globally competitive experts.



R&D INFRASTRUCTURE & FACILITIES



Headquarters

As Korea's unique comprehensive construction research infrastructure, it includes specialized facilities, such as the Structural Testing Laboratory, Coastal and Harbor Laboratory, and Future Convergence Building, and Zero Carbon Green Home, SOC Management Center, and Smart Construction Support Center.

| Goyang-si, Gyeonggi-do



1 SOC Demonstration Research Center



Aiming to establish the National Road Infrastructure Performance Test Center, we operate advanced testing facilities – including a weather simulation road testing facility and a pavement and geotechnical structure performance testing facility – to demonstrate and validate cutting-edge technologies for future road infrastructure.

| Yeoncheon-gun, Gyeonggi-do

2 Fire Research Center



This full-scale fire testing facility includes large-scale burn hall, a high-performance fire resistance laboratory, a combustion property testing laboratory, and a material property testing laboratory.

| Hwaseong-si, Gyeonggi-do

3 River Experiment Center



A large-scale, multi-purpose river test facility that replicates the characteristics of real rivers, consisting of three channels capable of generating artificial floods of up to 10 m³/s, along with measurement and monitoring systems, water supply facilities, and a storage basin.

| Andong-si, Gyeongsangbuk-do