

UNIST Vision 2050

We are all pioneers!

Over the past 20 years, UNIST has turned the impossible into the possible, achieving growth that has drawn global attention. Now, looking toward 2050, we are advancing from a university that follows the path of others to one that shapes the future. In this era of great transformation, we ask ourselves:

What future will we help create?
What value will we offer to humanity?

UNIST Vision 2050 is our answer to these questions. Going beyond being the "Best", we will become a truly Unique institution — one that cannot be replaced — and serve as a "Nexus" for solving humanity's most pressing challenges.



Vision

Leading University to Advance Science and Technology for the Prosperity of Humankind

We will create a leading science and technology university that contributes to human life through the cultivation of creative global leaders in science and technology who pioneer the future and the implementation of convergent science and technology that presents new paradigms.



Core Values

Question towards the essence.

Intellectual inquiry that delves into fundamental principles beyond phenomena.

Explore beyond boundaries.

A bold challenge to break down the barriers between academia, industry, and nations.

Open the path for all.

Contribution to the sustainable prosperity of humanity.

The Pioneer Spirit of UNIST is the standard for all our decisions and actions.



2050 Goal

UNIque & **be**ST **Science & Technology Nexus**

The Nexus of the Future World, Bridging Talent, Technology, Industry, and Global Networks.





Development Goals

Unique Pioneers

A Hub for Educating and Producing Pioneers Who Lead the World

New Knowledge

A World-Class Group of Researchers Driving Fundamental Change in Human Life

Innovative Hub

A Mecca of Industrial Innovation Leading the Future Industrial Landscape

Super Intelligent Society

A Hub of a Hyper-Connected Knowledge Ecosystem Integrating Future Technologies and Humanity

Transformative Net-zero

A World-Leading Carbon-Neutral Campus Serving as a Link to the Future

Education

Nurturing Future Pioneers

We go beyond teaching predefined knowledge to cultivate “Pioneers” with the potential to change the world. In the age of AI, it is not a diploma from UNIST that proves a student’s capability, but the problems they have solved.

Strategy 1.1 Building a Full-cycle Growth Ecosystem Based on the Pioneers Persona

From admission through lifelong learning, we systematically support each student’s individual growth pathway, completing a cyclical education system that nurtures truly unique talents who cannot be replaced.

Strategy 1.2 Creating a Hyperconnected Learning Environment

By transcending the boundaries of the university and connecting the world with real-world practice, we will create an open collaborative ecosystem that breaks down barriers between theory and application and fosters education that delivers tangible value to society.

Strategy 1.3 Educational Innovation for the AI Era

By positioning AI not merely as a tool but as a core driver of education, we will fundamentally transform the ways we teach and learn, advancing toward an intelligent education model that leads change in future society.



Research

Super-Gap Knowledge Creation

We focus on "First Discovery" that creates a new reality rather than "fast-follower" research. In this pursuit, failure is not a setback but a vital part of the innovation process. We do not hide our failures; instead, we uncover new knowledge within them

Strategy 2.1 Building an Irreplaceable R&D Platform

By establishing an open collaborative network that connects regions, the world, academia, and industry, UNIST will leap forward as an irreplaceable global research hub where unique research outcomes are continuously generated

Strategy 2.2 Establishing a Super-Gap Research Brand

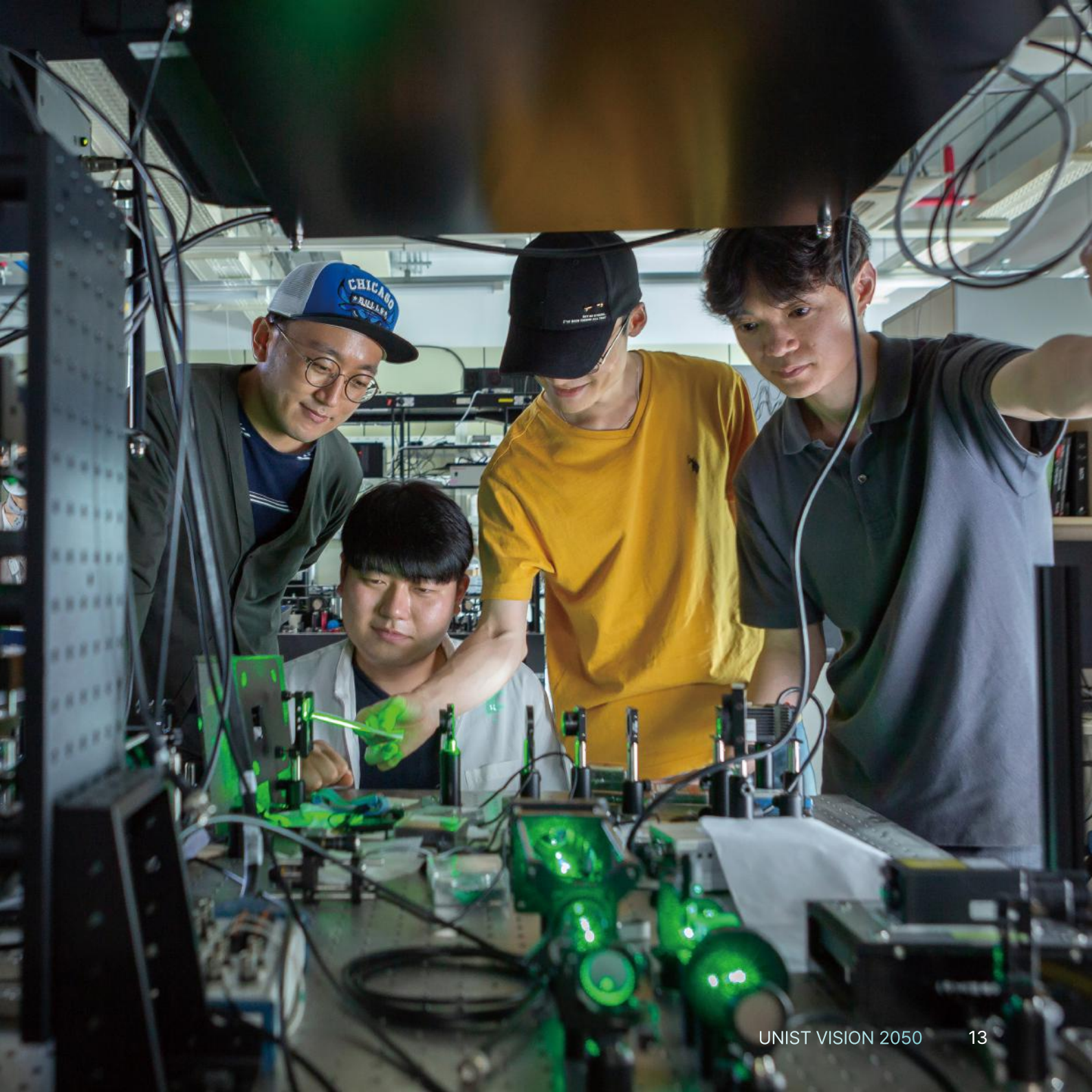
We will secure unrivaled "super-gap" technologies by concentrating our capabilities on core fields of high strategic importance and solidify our status as a global research brand leading the flow of world science and technology.

Strategy 2.3 Creating an Ecosystem to Solve Humanity's Grand Challenges

In a flexible environment that embraces failure as an asset for innovation, we encourage limitless challenges to solve common human problems and build a research ecosystem that contributes to the future of society.

Strategy 2.4 Innovating Intelligent Research Infrastructure

We will maximize research efficiency through advanced collaboration systems between humans and AI and build self-evolving infrastructure to support sustainable research innovation.



Industry-Academic Cooperation

Full-Cycle Industrial Innovation

We innovate the entire process of transforming laboratory technology into market value, becoming the heart that drives the grand transformation of regional industry.

Strategy 3.1 Building a Lab-to-Market System

We will complete a virtuous cycle commercialization model where excellent research results do not remain in the lab but are protected as global intellectual property. These results will be seamlessly connected to the market through a professional support system.

Strategy 3.2 Crating I-Square (Investment X Innovation)

We will create a self-sustaining startup ecosystem where large-scale investments drive the growth of deep-tech companies. We will provide innovation spaces where work and life harmonize to support creative challenges.

Strategy 3.3 Establishing a Global Startup Nexus

Beyond the boundaries of the university, we will directly connect with major innovation hubs and startups worldwide. We will build an open startup network where global capital attraction and entry into overseas markets occur freely.



International Cooperation

Achieving World-Class Excellence

We will become a platform where global talent and resources connect beyond physical limitations. We remain rooted in the "Local" while connecting with the "Global".

Strategy 4.1 Establishing a Global Talent Exchange Hub

We will create a multicultural fusion campus where the world's best talents can gather, reside, and grow freely by breaking down barriers of nationality and culture. Through this, UNIST will be reborn as a center for the exchange of global intelligence.

Strategy 4.2 Establishing a Global Top-Tier Research Exchange System

We will lead global science and technology agendas through borderless collaboration systems with leading research institutions worldwide. UNIST will perform a pivotal hub role in leading research innovation for the common future of humanity.

Strategy 4.3 Expanding the UNIST-Global Enterprise Network

We will attract research centers of world-leading companies to the campus and expand strategic partnerships. This will complete an industry-academic R&D innovation district that leads global technology trends directly on-site.

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UNIST Big Data Analysis Competition 2017



Administration

Nexus Campus

We will become a "Living Lab" where the campus itself serves as a solution to the climate crisis.

Strategy 5.1 Transition to an AI Campus

By deeply internalizing artificial intelligence technology throughout all administration and operations, we will complete a super-intelligent smart campus where data-driven autonomous operating systems and a culture of human-AI collaboration are established.

Strategy 5.2 Sustainable Net-Zero Campus

We will realize complete carbon neutrality through independent energy production and efficiency in consumption, presenting a global standard model for sustainable university operations in the era of climate crisis.

Strategy 5.3 Establishing a Global Nexus Campus

We will expand the physical space of the campus beyond the local region (Busan-Ulsan-Gyeongnam) to the nation and the world, building a super-regional Nexus ecosystem where each hub is organically connected and reaching out to the continents



COMMUNITY CENTER

Our Commitment

UNIST Vision 2050 is not merely a declaration. We will turn this vision into reality through a three-stage roadmap (Horizon 1, 2, and 3):

Horizon 1 (2026-2030)

Establishing foundations and creating success models in connection with existing projects.

Horizon 2 (2031-2040)

Expanding the impact of achievements and establishing global hubs by discovering new projects that leverage the foundation.

Horizon 3 (2041-2050)

Leading global standards as a new business model and mid-to-long-term goal.

We question towards the essence, explore beyond boundaries, and open the path for all. UNIST will move forward with you as a "UNIQUE & beST" university that turns imagination into reality.



UNIQUE & beST