Leading South Korea's Advancement through Digital Innovation
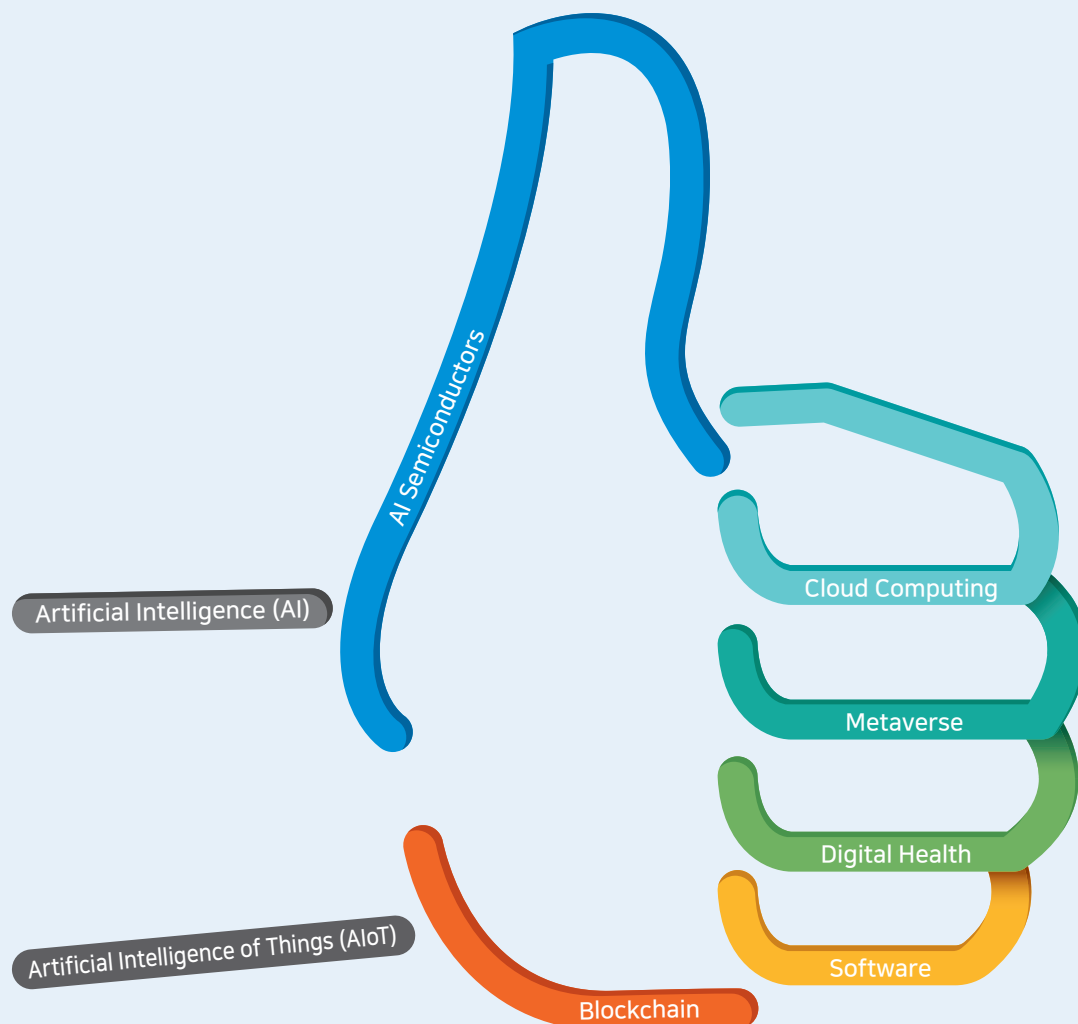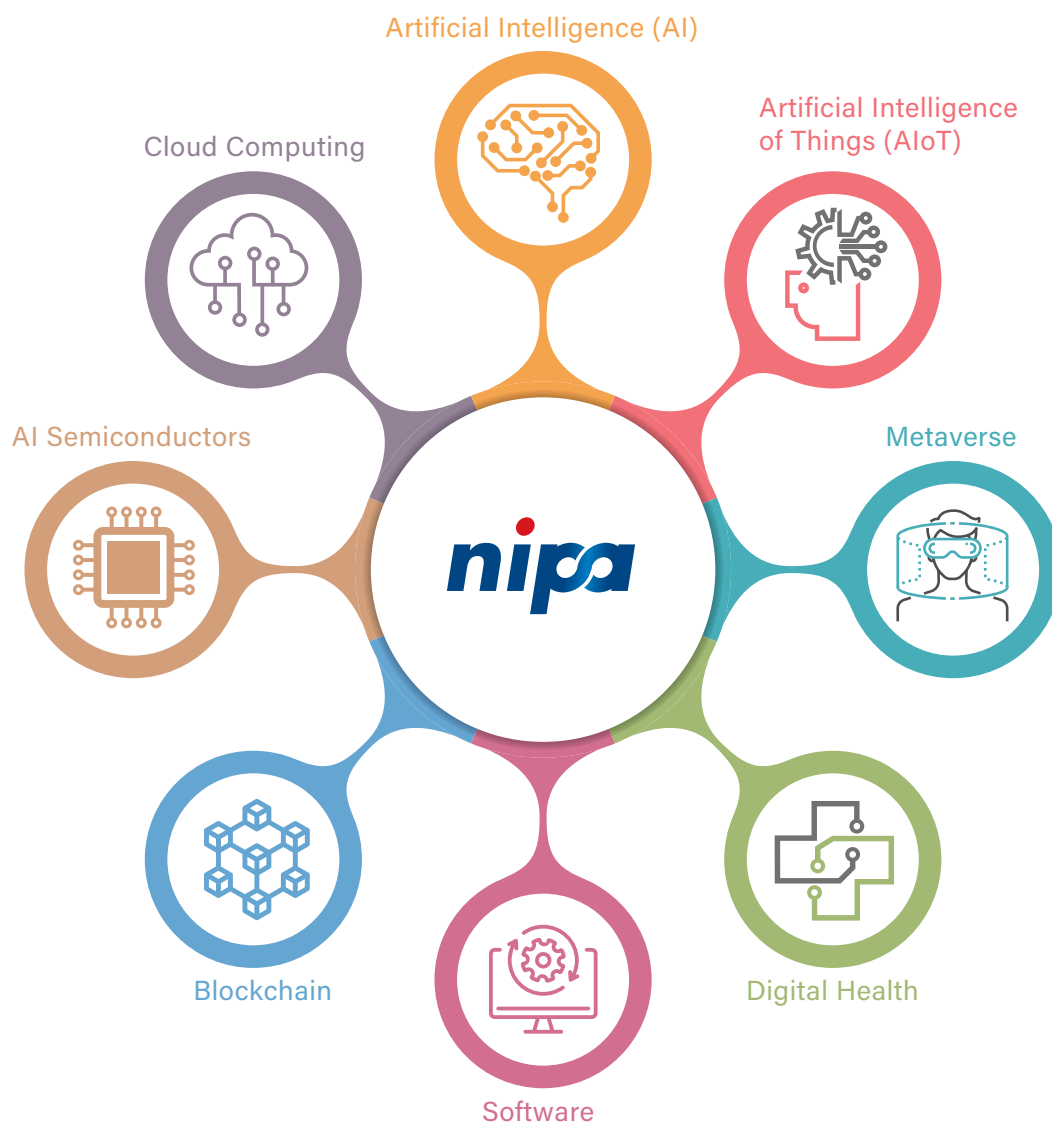
National IT Industry Promotion Agency (NIPA)
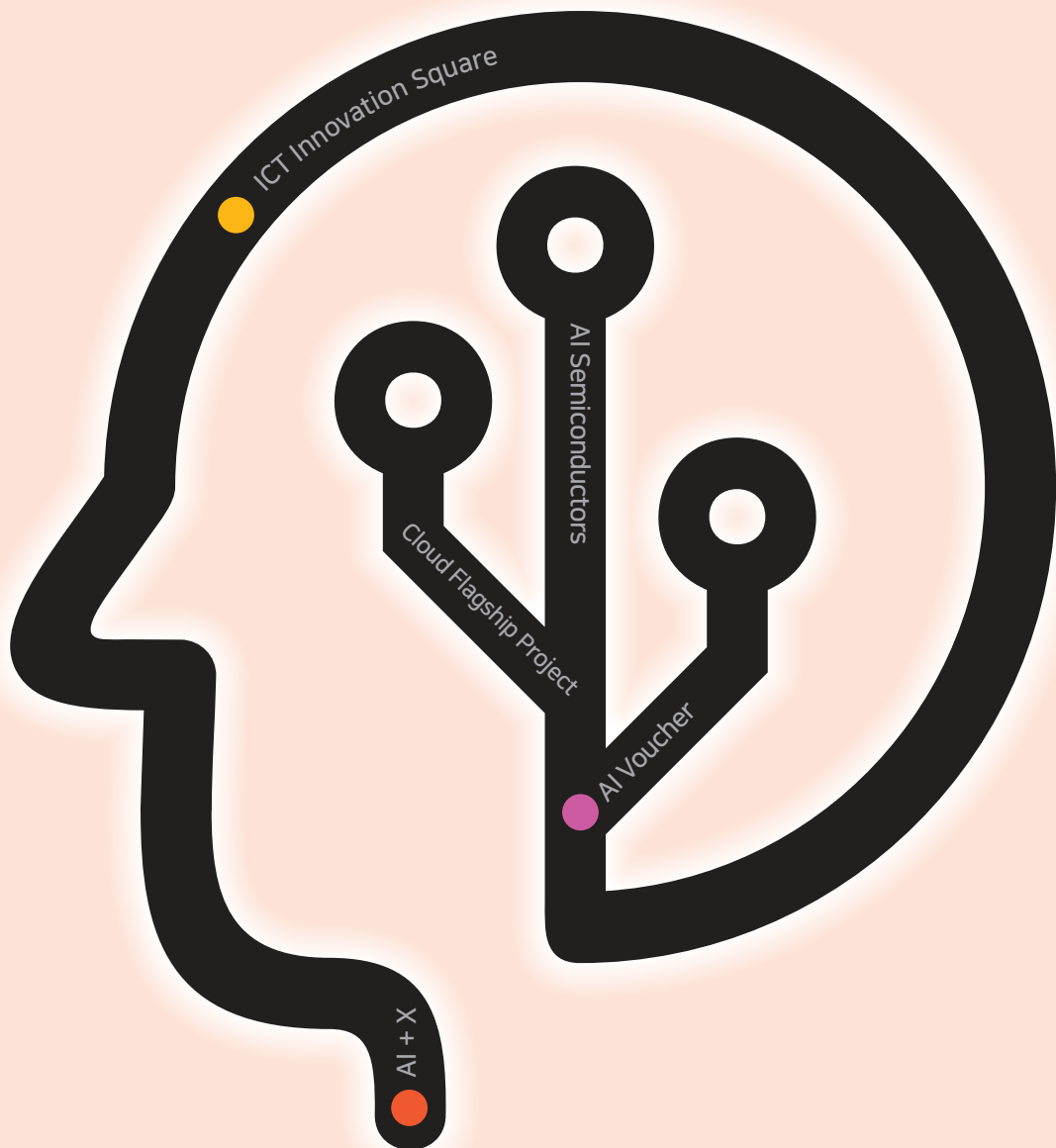
National IT Industry Promotion Agency **nipa**

Driving Digital Innovation with Cutting-edge ICT Technology

AI Semiconductors

Artificial Intelligence (AI)

Artificial Intelligence of Things (AIoT)

Blockchain

Cloud Computing

Metaverse

Digital Health

Software

AI, digital health, software, cloud computing, and the metaverse are the driving forces of the modern world, shaping the path of digital innovation. We, NIPA, actively supports the widespread adoption of these core technologies.

Artificial Intelligence (AI)

Artificial Intelligence of Things (AIoT)

Cloud Computing

Metaverse

AI Semiconductors

nipa

Blockchain

Software

Digital Health

Expanding AI Utilization across Every Industry Nationwide

ICT Innovation Square

AI Semiconductors

Cloud Flagship Project

AI Voucher

AI + X

Promoting the AI Semiconductor Industry

- **Customized Technological Support** Strengthening technological competitiveness and providing customized support for promising AI semiconductor companies from development to commercialization
- **Actualizing AI Semiconductors** Supporting the implementation of domestic AI semiconductors in servers, CCTV systems, robots, and other products to promote early commercialization and to form an industrial ecosystem
- **NPU Server Farms** Creating NPU server farms using domestic AI semiconductors and implementing cloud-based services to increase market demand secure references

Smart Monitoring

Smart Factories

Self-Driving Automobiles

Precision Medicine

Smart CCTV

Development of Various AI-based Products and Services
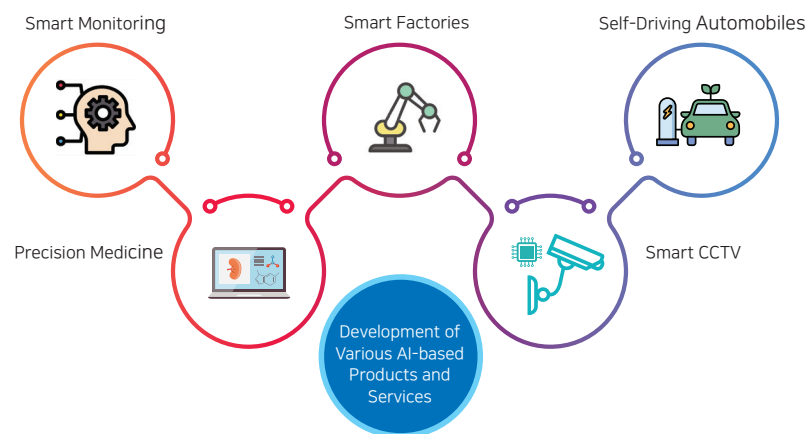
Expanding Multi-disciplinary AI Smart Services (AI+X)

- **Public Safety** Development and actualization of AI solutions that collect and analyze CCTV video data to identify and tracklost persons
- **Coastal Security** Development and actualization of AI-based security systems to detect, identify, and track dangers on coastlines
- **Forest Maintenance** Development and actualization of AI solutions to detect, analyze, and interpret pest outbreaks
- **Counterfeit Prevention** Minimization of damage to domestic companies and enhancement of customs efficiency through support of counterfeit detection
- **Energy Efficiency** Increasing energy efficiency through automatic AI control of warm up, startup, and suspension of equipment operation

Forest Maintenance

Coastal Security

Counterfeit Prevention

Public Safety

Energy Efficiency

Multi Disciplinary AI
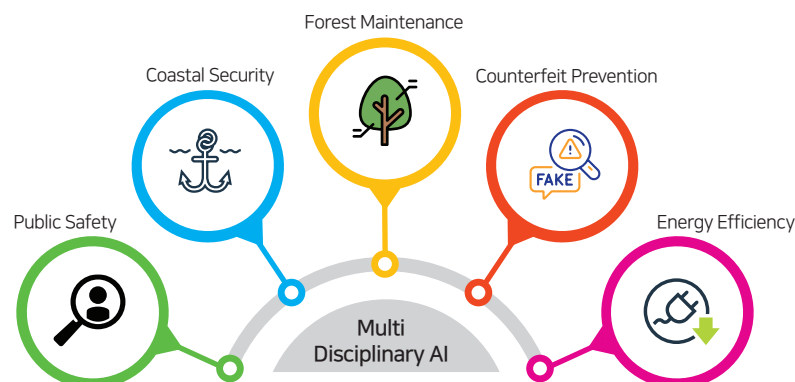
Offering Comprehensive Services to Businesses throughout Every Stage

ICT Industry Promotion

Digital Innovation

Structured, personalized support is fundamental for business growth. NIPA offers tailored services to assist companies from their inception to global expansion.

Business Development
- Startup Acceleration
- Pilot Implementation/Validation
- Consulting
- Investment Attraction
- Competitions/Contests

Infrastructure
- Workspace
- Production Center
- Verification Center
- Training Center
- Equipment/Network

Policy Research
- Software Policy Research
- Software Industry Market Research and Studies

Skills Development
- Employee Training
- Investor Training
- Broadening Reach

Policy and Legal Support
- Operation Support for ICT Regulatory Sandbox
- Monitoring and Improvement of Software Procurement System

Global Expansion
- Developing Export and Marketing Strategies
- Building Collaboration with International Partners
- Global Workforce Training
- Assisting Domestic Companies Venturing into Overseas Markets
- Dispatching ICT Experts to Partner Countries
- Establishing and Operating Overseas Offices
- Hosting International Conferences

Enhancing the Global Competitiveness of the ICT Industry

K-Startup Grand Challenge

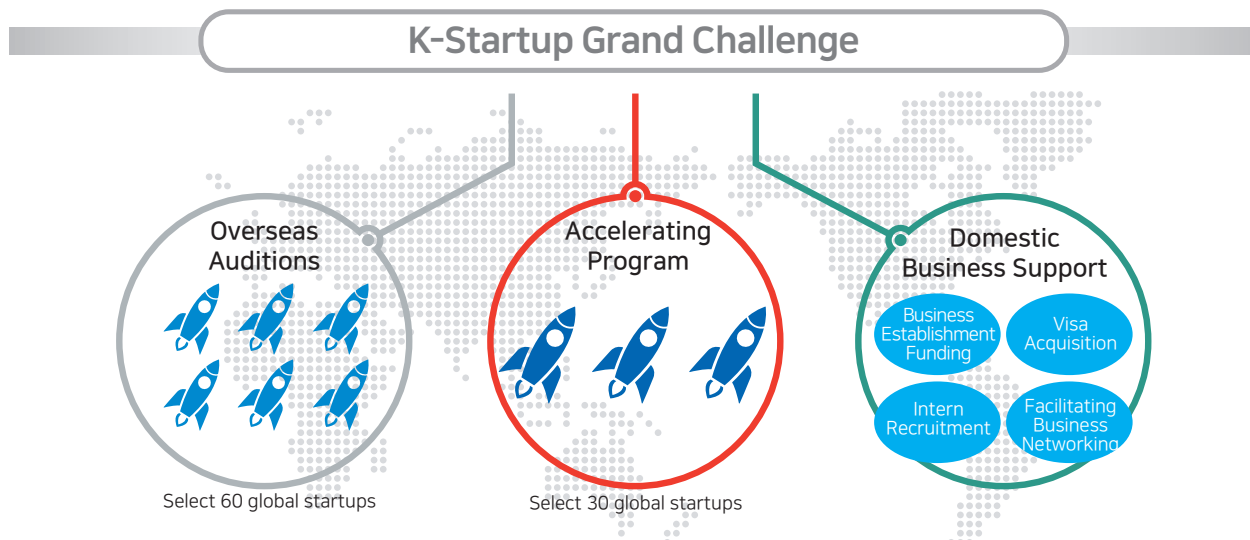Global ICT Portal

ICT Regulatory Sandbox

Facilitating Global Reach – Both Internationally and Locally

- Managing the Global ICT Portal(GIP) for personalized online consultations with global experts
- Providing legal and patent related professional consulting to support global businesses
- Nurturing startup growth through mentoring and accelerating
- Operating overseas ICT hubs (e.g., Silicon Valley, India, Singapore, Hanoi, Ho Chi Minh City)
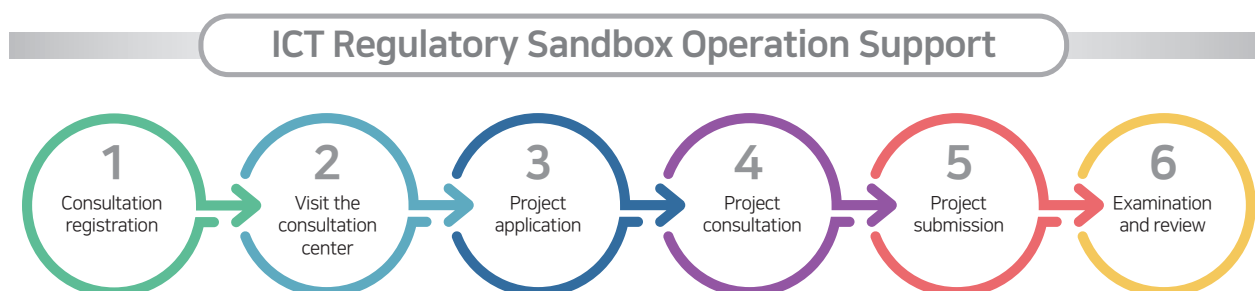
Empowering Overseas Startup Ventures and Enhancing Inter-governmental Cooperation

- K-Startup Grand Challenge : attract exceptional overseas startups into Korea
- Organizing high-level dialogues between partner countries and international conferences to facilitate policy exchange and collaboration
- Official Development Assistance(ODA) : deploying retired ICT experts to developing countries

K-Startup Grand Challenge

Overseas Auditions
Select 60 global startups

Accelerating Program
Select 30 global startups

Domestic Business Support
- Business Establishment Funding
- Visa Acquisition
- Intern Recruitment
- Facilitating Business Networking

Operation of ICT Regulatory Sandbox for Market Entry of New Services

- Full cycle operation of ICT Regulatory Sandbox, from consultation to project application and approval
- Expansion of temporary permits and special demonstration cases, such as nose print pet registration services

ICT Regulatory Sandbox Operation Support

1. Consultation registration
2. Visit the consultation center
3. Project application
4. Project consultation
5. Project submission
6. Examination and review

NIPA operates overseas offices in major partner countries around the world, serving as a vital bridge between Korea and the global community.

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