

# for **SAFETY**

Protect Safety  
**TOGETHER**

Rights for  
**WORKERS**

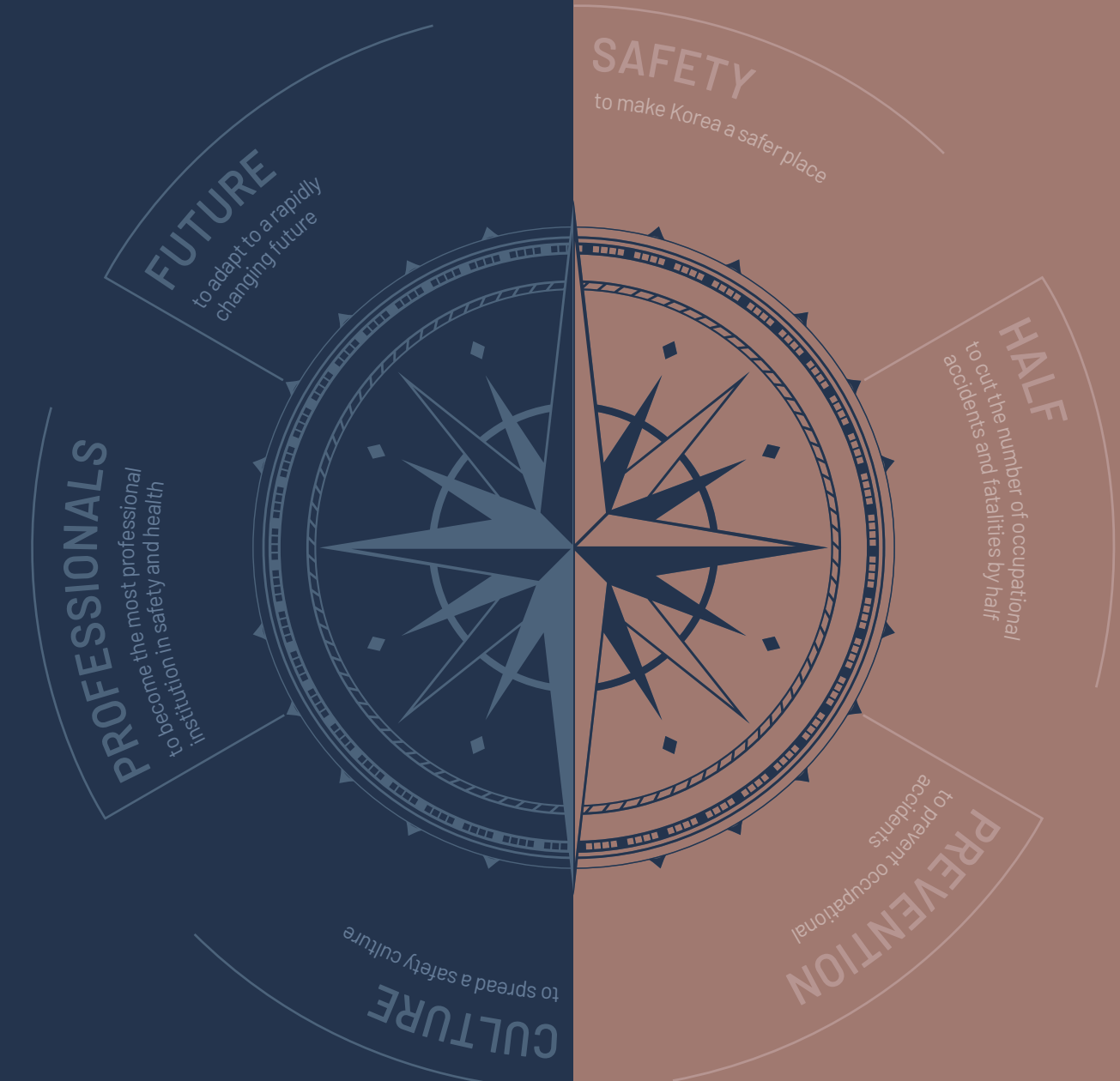


Korea Occupational Safety and Health Agency,  
Korea's leading agency in occupational accident prevention

# KOSHA

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to make Korea a safer place
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to spread a safety culture
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to become the most professional institution in safety and health
- ◆ **FUTURE**  
to adapt to a rapidly changing future



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to make Korea a safer place

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KOSHA will always serve as a guide  
for the safety of working people.





For Korea where all working people  
enjoy their rights to be safe and healthy  
whenever , wherever

# SAFETY





**We will carry out our duty for the safety of citizens.**

People's demands for safety have been higher than ever.

Safety and health are people's basic rights.

We will fulfill our responsibility to create a safe society where they can work without worry.

**We will make our best effort to accomplish the government's policy goals.**

As a professional agency in occupational accident prevention,

we will put forth our best effort to accomplish the government's policy goal

'reducing occupational fatalities by half.'

We will leverage all our safety and health capabilities to reduce deaths caused by occupational accidents.

**We will ensure professionalism, credibility and authority.**

From now on, we will drive our business

from quantitative expansion to qualitative improvement.

We will secure relevant expertise in order for KOSHA to proactively respond to future risks.

We will also foster all employees as safety and health specialists

so that they can be trusted and recognized by workers, business owners, citizens and the government.

**We will fulfill our social role as a public institution.**

We will provide safety and health services

without any discrimination to all working people including elderly people, migrant workers, and other workers vulnerable to occupational accidents.

Furthermore, we will live up to our social responsibility by creating more jobs in safety and health for 'Korea, living better together' and supporting companies which have new safety technologies.

We, KOSHA's employees, will do our utmost for national safety to achieve national policy goals and fulfill our social responsibilities as a public institution based on professionalism, credibility and authority.

October 2021

Korea Occupational Safety and Health Agency (KOSHA)

President **Dooyong Park**

*Dooyong Park*





# MISSION & VISION

KOSHA has focused all its resources on protecting the safety and life of workers in various workplaces. We will fulfill our responsibility to create a fair society where all working people can enjoy the rights to be safe and healthy without discrimination. We will pave the way for a country whose workplace is safe and whose people are happy.



## MISSION

- Relief** We are to realize social values of safety and health to ensure everyone of a life with a sense of relief.
- Fairness** We actively implement fair economy and administrative works while widely opening up eyes and ears to safety and health issues at all worksites
- Inclusiveness** We place the highest priority on the value of inclusiveness for those who are vulnerable to safety and health, incapable of even asking for help despite being in desperate need of help.
- Innovation** We provide innovative safety and health services by acquiring the latest technology and knowledge to maintain the expertise at the highest level at all times.

## VISION

For Korea where all working people enjoy their rights to be safe and healthy whenever, wherever

### Core Value

Relief

Fairness-Inclusiveness

Innovation

### Objectives



Fatality rate per 10,000 workers at 0.24‰



Creating 27K new jobs, Attaining Superior Level for Win-win Growth category



Establishing "Neo-safety Workplace" (To support Korean Safety New Deal Project)



Establishing new occupational accident prevention platform, Attaining Superior Level for Customer Satisfaction category





## 1987-1989

### Taking the First Step

#### Period of Foundation

- 1987** Established Korea Industrial Safety Corporation
- 1989** Opened the Occupational Safety and Health Research Institute



## 1990-1999

### Setting the Direction

#### Period of Takeoff

- 1991** Began inspection services for harmful/hazardous machines/devices
- 1992** Completed a nationwide signature-collecting campaign with 10 million people for zero occupational accidents
- 1993** Held the 1st Industrial Safety and Health Awards
- 1995** Built Safety and Health Research Center
- 1996** Designated and operated Safety Inspection Day
- 1997** Built Industrial Chemicals Research Center
- 1998** Hosted the 14th Annual General Meeting of Asian-Pacific Occupational Safety and Health Organization in Seoul



## 2000-2009

### Taking a Step Further

#### Period of Advancement, Growth and Development

- 2001** Launched the project to support clean workplaces
- 2004** Built Chemicals Safety and Health Center
- 2007** 20th anniversary ceremony
- 2008** Hosted the 18th World Congress on Safety and Health at Work where the Seoul Declaration was adopted
- 2009** Renamed Korea Occupational Safety and Health Agency (Adoption of the acronym of the agency name 'KOSHA')



## 2010-2020

### Paving a New Way

#### Period of Second Takeoff

- 2010** Organized Service Industry Department
- 2014** Opened a new KOSHA headquarters in Ulsan
- 2015** Obtained A grade from Customer Satisfaction Survey on Public Institutions
- 2016** Opened Central Training Center of OSHTI
- 2017** Opened Occupational Safety and Health Certification Institute, OSHCI  
Establishment of the Central Accident Investigation Team
- 2018** Declared 'reducing occupational fatalities by half'
- 2020** Opened Occupational Safety & Health Future Technology Institute

## The path we have taken to protect the safety and health of working people

Korea's history of safety and health has evolved with the history of KOSHA. Since its foundation, KOSHA has taken only the path towards workers' safety and health until we laid the foundation for safety and health and became the most professional institution in occupational accident prevention.

1987  
2.66%

1990

1995  
0.99%

2000

2005

2010  
0.69%

2015

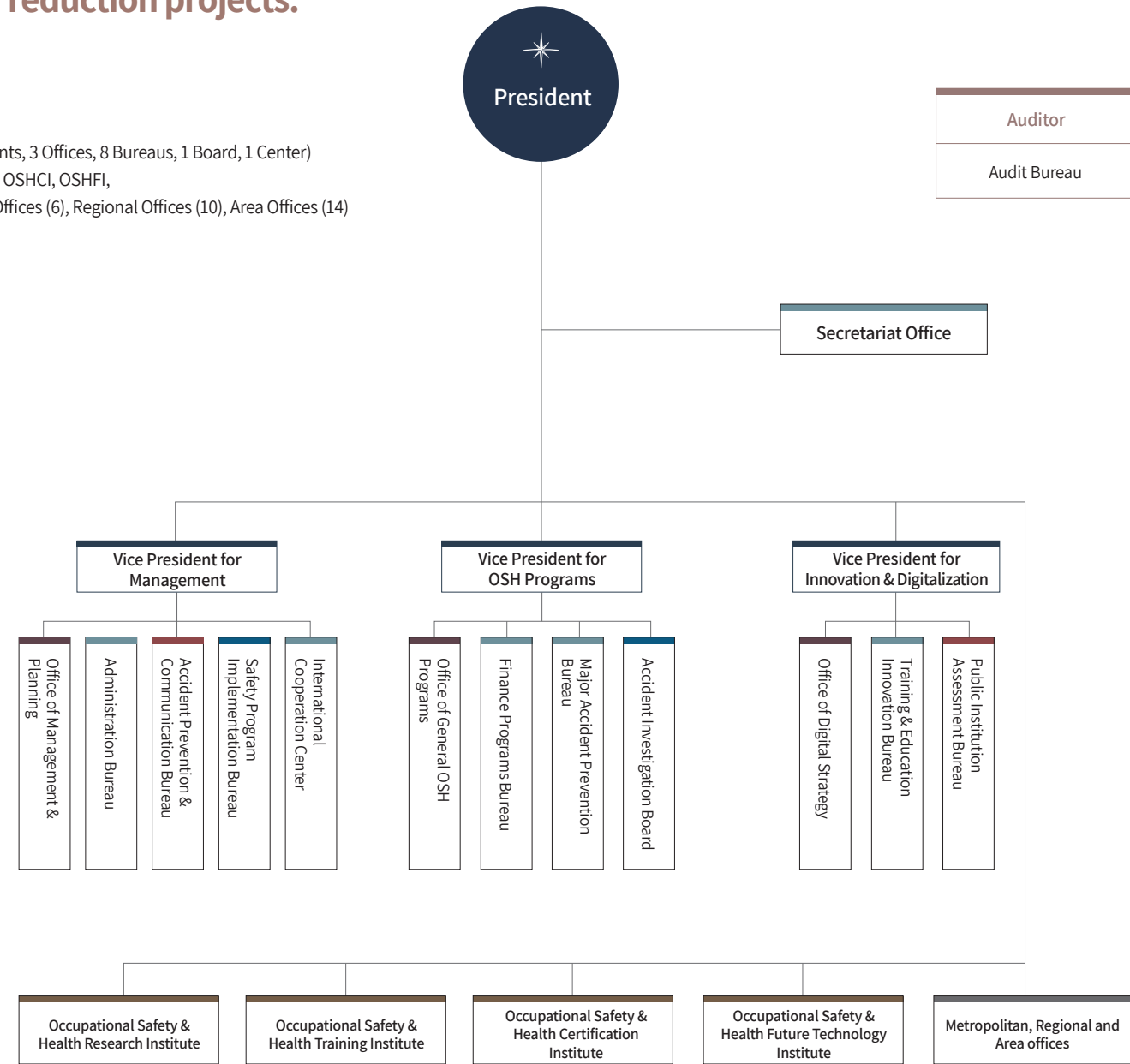
2020  
0.57%

the occupational accident rate%



KOSHA has restructured the organization in order to enhance its ability to execute fatality reduction projects.

Headquarters  
(3 Vice Presidents, 3 Offices, 8 Bureaus, 1 Board, 1 Center)  
OSHRI, OSHTI, OSHCI, OSHTI,  
Metropolitan Offices (6), Regional Offices (10), Area Offices (14)



# HALF

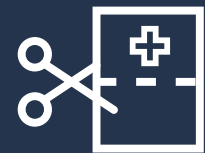
To cut the number of occupational accidents and fatalities by half

KOSHA is committed to creating a workplace where workers' lives and safety are guaranteed, with the goal of halving workplace fatalities.





# Cut occupational fatalities by half by 2022



Workplace fatalities per ten thousand workers

## 0.27 ‰

GOAL



Workplace fatalities

## less than 500

GOAL



\* What's the Fatality rate per ten thousand workers?  
The rate of occupational deaths that occur annually for every ten thousand workers

## Safety Management with the Selection and Concentration strategy

New chemicals being produced constantly, means of transportation becoming faster and high-rise buildings getting higher...

As the speed of growing economy and industries, the risks from facilities and equipment are becoming large, complex, integrated and advance, boiling down to significant changes in safety and health environment in workplaces.

In this regard, KOSHA has set its goal as cutting the number of occupational fatalities by half. Analyzing the cases and key contributors of occupational fatalities, we select falls and caught in-between as top 2 malignant fatal accidents and focus all our resources on addressing this.

Falls



We intensively examine sites without scaffoldings and safety handrails and encourage construction sites to build safety facilities to prevent fall accidents.

Caught in/betweens



We examine manufacturing factories using dangerous machines and tools and encourage them to take essential safety measures and maintain safety facilities to prevent caught in/between accidents.







KOSHA is carrying out various accident prevention projects especially for the workplaces with frequent accidents in order to reduce the number of occupational accidents and deaths by half.

Focusing on the industry types with many accidents and deaths

**Construction-Falls**  
On-site Patrol Check for prevention of falls in the construction industry

**Manufacturing-Caught in/betweens**  
On-site Patrol Check for prevention of caught in/betweens in the manufacturing industry

Reduced Accidents and Deaths

- On-site Patrol Check for prevention of accidents and deaths
- Management of the safety of chemical facilities
- Operating Accident Monitoring & Response Center

Statutory and Policy Projects

- Review and confirmation harm and hazard prevention plans
- Operate risk assessment consulting and the accreditation system
- Review and confirm process safety management (PSM) reports

Financial and Private Contractor Projects

- Clean Workplace Project
- Provision of financial assistance for occupational accident prevention facilities
- Safety Investment Innovation Initiative
- Subsidizing cost for work environment monitoring and special health examination
- Worker's Health Center and Trauma Counselling Center for Workers

Assessments on Public/Private Institutes

- Evaluation on the level of safety activities by public institutes
- Safety Management Rating (Safety-Cap) System of Public Institutes
- Evaluation of private accident prevention institutes



# PREVENTION

To prevent occupational accidents

KOSHA has established itself as a leader in the prevention of occupational accidents through on-site technical support customized to the needs of each workplace and focused management of groups at higher risk of workplace fatalities.





## Reduced Accidents and Deaths

We focus on intensive management of major high-risk workplaces and facilities where many occupational fatalities occur to find the causes of accidents and provide optimal solutions.

### On-site Patrol Check for Prevention of Accidents and Fatalities

We strive to prevent workplace accidents and deaths by performing On-site Patrol Check on dangerous sites, machines, and tools, specifically targeting to prevent 'caught in/betweens' in manufacturing and 'falls' in construction industry.



### Management of the safety of chemical facilities

We encourage systematic management of the soundness of chemical facilities by grasping the danger and risk of old chemical facilities and suggesting improvement measures.



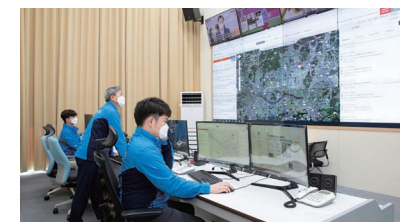
### Provide close investigations into major accidents

We provide a close investigation and identify the root cause through in-depth analysis when a major accident occurs and encourage improvements in laws and systems to prevent any recurrence of such accidents.



### Operating Accident Monitoring & Response Center

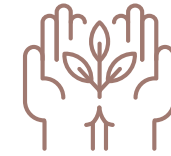
We are operating the accident monitoring and response center to grasp and notify an accident in the workplace promptly through 24-hour real-time monitoring and cope with the accident immediately.



### On-site Support for Prevention of Suffocation Accidents

We strive to prevent suffocation accidents by providing technical assistance as well as proactive prevention device services to workplaces that are highly vulnerable and exposed to suffocation risks.





## Statutory and Policy Projects

To thoroughly implement the Occupational Safety and Health Act and the government's occupational safety and health policy, we are carrying out projects to enhance a prevention project's execution power and establish a worksite's self-regulated safety and health system.



### Review and confirmation of harm and hazard prevention plan

We review hazard and danger prevention plans for workplaces or construction sites prone to high-risk accidents to examine and confirm preliminary safety.

### Operate risk assessment consulting and the accreditation system

We provide risk assessment consulting so that employers can identify, evaluate, manage, and improve their worksite's hazard/risk factors on their own and operate the outperforming worksite accreditation system.

### Provide technical guidance for safety and health coexistence partnership programs

The client company supports subcontractors, and KOSHA helps subcontractors to improve their safety and health management capabilities, which establishes a system where the prime contractor's safety and health techniques are transferred to subcontractors.

### Operate Notification Service on Chemical Exposure Information

We provide a service through which every worker can check the type of chemicals they need to handle as well as the level of chemical exposure involved in his/her work process.

### Projects to protect employees serving customers

For occupations at high risk of emotional labor, we provide support to improve the coping ability of employees serving customers and establish an organizational prevention system.

### Review and confirm process safety management

Review and confirm Process Safety Management (PSM) report written and submitted by business owners in order to prevent major occupational accidents such as leakage of hazardous substances, fire, explosion, etc.

### Safety Certification and Inspection

We conduct safety certification and inspection to fundamentally ensure the safety of machinery, tools, protective devices, and PPEs in industrial sites and check their safety performance during use.





## Financial and Privately Entrusted Projects

For small and medium-sized enterprises, we provide financial assistance and technical support through related private entrusted bodies to create a safe and comfortable working environment and protect workers' health.



### Safety Investment Innovation Initiative

Financial assistance is provided to workplaces with less than 50 permanent workers to support them change old hazardous machineries and equipment (scissor lift, mobile crane, lift, etc.) and improve their hazardous process using Korea's PPURI technology (root technology).



### Support to create clean workplaces

Funds for the removal of hazard and risk factors are provided to workplaces with less than 50 workers and construction sites with a construction cost lower than KRW 5 billion.



### Provide financial assistance to equip occupational accident prevention facilities

In order to create a better working environment, loans are provided at long-term interest rates to workplaces planning to improve their facilities to ensure safety.

### Subsidize cost for work environment monitoring and special health examinations

The costs of work environment monitoring and special health examinations for employees are supported to small-sized businesses to protect the health of the workers and reduce occupational diseases in them.

### Workers' Health Center (branches) and Trauma Counselling Center for Workers

We take on the role of a health services manager by systematically managing the health of workers who are socially invisible or not covered by private specialized agencies and in industrial areas with a dense concentration of small-sized enterprises.

- Operating 23 Health Centers (21 branches), and 13 Trauma Counselling Center for Workers

### Safety and health-related technical support for small worksites

In order to prevent accidents in small-sized enterprises facing a lack of safety and health management, technical support from entrusted private accident prevention agencies is provided to workplaces with less than 50 employees and construction sites with a construction cost lower than KRW 100 million.





## Assessments on Public/Private Institutes

Assessment projects on public and private accident prevention institutes are implemented in order to secure safe workplaces and to improve the level of OSH services provided to businesses.



**Evaluation on the level of safety activities by public institutes**

We aim to provide safe workplaces fulfilling the level of public expectations and promote early stabilization of safety management environment of public institutes through evaluation on the level of safety activities.

**Safety Management Rating (Safety-Cap) System of Public Institutes**

We encourage to improve the level of safety and establish the safety culture in workplaces by evaluating the safety-related capabilities, safety levels, safety achievements and values of public institutes.

**Evaluation of private accident prevention institutes**

We aim to encourage self-regulatory improvements on the level of OSH services delivered to workplaces by objectively evaluating the current conditions and competence of work performances from the private accident prevention institutes and reflecting outcome of the evaluations in order to gradually manage the institutions.



# CULTURE

To spread a safety culture

KOSHA is providing training by developing and distributing training content, and spreading prevention-oriented safety and health culture through various events and activities.



## Safety & Health Education

We provide field-relevant safety and health training to prevent accidents and fatalities, thereby improving safety and health awareness as well as making sure that safety responsibilities are implemented.



**Focused Training on Prevention of Accidents and fatalities**  
We operate safety and health training programs, in a pursuit of preventing so-called Top 4 malignant fatal accidents, i.e., fall, caught in/between, crash, suffocation, as well as accidents and fatalities of high interest in our society.

- On-site patrol check and training
- Training on prevention of caught in/between hazardous machine/facilities
- Training at worksites of high suffocation risks
- Training on prevention of fire and explosion at construction sites



**Statutory/Policy-related Training**  
We provide safety and health trainings to ensure that those with appropriate authorities implement safety responsibilities, while the field workers are professionally educated, so that the workplace can establish a discretionary system for prevention of accidents.

- Training to business owners about Workers' Safety Insurance Rate Adjustment Program
- Risk assessment training to business owners
- Training to CEOs and field managers of hazardous sites
- Safety and Health Managers Development Training



**Basic Training**  
We provide safety and health training tailored to different needs, including hands-on training, in-house training support, etc., in order to help workers and those who are more vulnerable to occupational accidents improve safety awareness.

- Safety and health training to those more vulnerable to occupational accidents
- Safety and health training to elderly and female workers
- Hands-on Safety Training
- Supporting in-house trainings







### Develop Tailored Content

KOSHA develops and distributes safety and health training content tailored to each industry and occupation to reinforce safety and health education and prevent occupational accidents.



Develop occupational accidents prevention training media reflecting the characteristics of industries and occupations

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Posters, textbooks and teaching plans, covers (stickers), and visual and auditory materials



Develop safety and health content highly effective in training based on ICT

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Informative VR, video-based VR, and CG-based VR



Safety and health material delivery service

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Safety and health materials, which are needed in worksites, are delivered directly to the worksites





### Safety Culture Promotion

We promote the efficient spread of safety culture by using strategic public relations which reflect trends in today's world such as events and online and offline media public relations.

#### Media Public Relations

We are using broadcasting, publications, outdoor advertising, online media, and other various media to deliver safety messages to the public. We are sharing card news and infographics through new media, strengthening two-way communication, and expanding a consensus to practice safety and health.



#### Events

We are firmly establishing a safety culture at workplaces by launching various safety events and campaigns. We designate the first week of July as the National OSH Week holding various ceremonies, seminars, and international safety and health fairs, where people can participate in and raise awareness throughout society.







## International Cooperation

We identify and distribute outstanding safety and health information in Korea and overseas, and contribute to the development of occupational safety and health in Korea through exchange and cooperation with international organizations and relevant agencies in overseas.

**Provide the latest international safety and health information and Promote exchanges**

- Provide the latest international safety and health knowledge and information
- Engage in international safety and health exchanges and disseminate Korea's activities around the world
- Establish a hub of safety and health information through networking

**Establish cooperative and collaborative partnership network with organizations in advanced countries**

- Make agreements for mutual understanding and technical assistance
- Engage in short- and long-term overseas training

**Give assistance to developing countries for mutual growth in OSH**

- Establishing partnership with international organizations (ILO, WHO, ASEAN)
- Executing partnership with developing countries as part of New Southern Policy
- Carrying out projects for sharing experience and know-how on improving safety and health
- Providing official development assistance (ODA) (Construction of OSH training center in Ho Chi Min city; Enactment of OSH Act in Cambodia)

**Spread global accident prevention culture**

- Operating ISSA International Section for a Culture of Prevention
- Development of prevention culture leading indicators
- Spreading Vision Zero to developing countries in Asia-Pacific region





## Creation of Social Values

KOSHA utilizes its expertise in its various activities to contribute to the revitalization of the safety and health market and to create a warm society.



### Safety and health industry job fair

We hosts a job fair providing various programs such as AI consulting, mentor-mentee matching, and briefing sessions about state-owned company recruiting.



### Nurturing New Safety Technology Startups

We seeks to improve the safety competitiveness of Korean worksites by fostering startups with new and innovative safety and health-related technologies.



### Social contributions

We conduct activities based on our professionalism to contribute to making our society a warm place where everyone enjoys their right to be safe.



# PROFESSIONALS

To become the most professional institution in safety and health

KOSHA is making its best efforts to support in-house occupational accident prevention activities and enhance professionalism by operating professional institutions in each field.





### Occupational Safety and Health Research Institute



The Occupational Safety and Health Research Institute contributes to reducing occupational accidents and improving the quality of workers' life through R&D on policies regarding occupational accident prevention, practical research to solve safety and health problems in industrial sites, and basic research to lay the foundation for future-oriented safety and health.

\* Major areas

- Safety and Health Policy Research
- Occupational Safety Research
- Occupational Health Research
- Occupational Environment Research
- Chemicals Hazard/Risk Research



### Occupational Safety and Health Training Institute



The Occupational Safety & Health Training Institute is a safety and health training institute that contributes to the reduction of accidents and diseases occurring at worksites by developing educational curriculums that meet the various needs of industrial worksites and environmental changes, as well as changing safety awareness and behavior of employers and employees through educational training.

\* Curriculums

- Job Training
- Performance examination training
- Specialization Training
- Specific Training
- e-Learning Training
- Collaboration with Academia





# FUTURE

To adapt to a rapidly changing future

KOSHA is building a safety and health infrastructure to take the lead in accident prevention activities in a rapidly changing future society.

## Occupational Safety and Health Certification Institute



The Occupational Safety & Health Certification Institute is a safety and health certification institute that inspects, assesses, certifies and declares the safety and conformity of products to be manufactured, distributed and used in order to prevent occupational accidents caused by hazardous machines, apparatuses, devices and equipment.



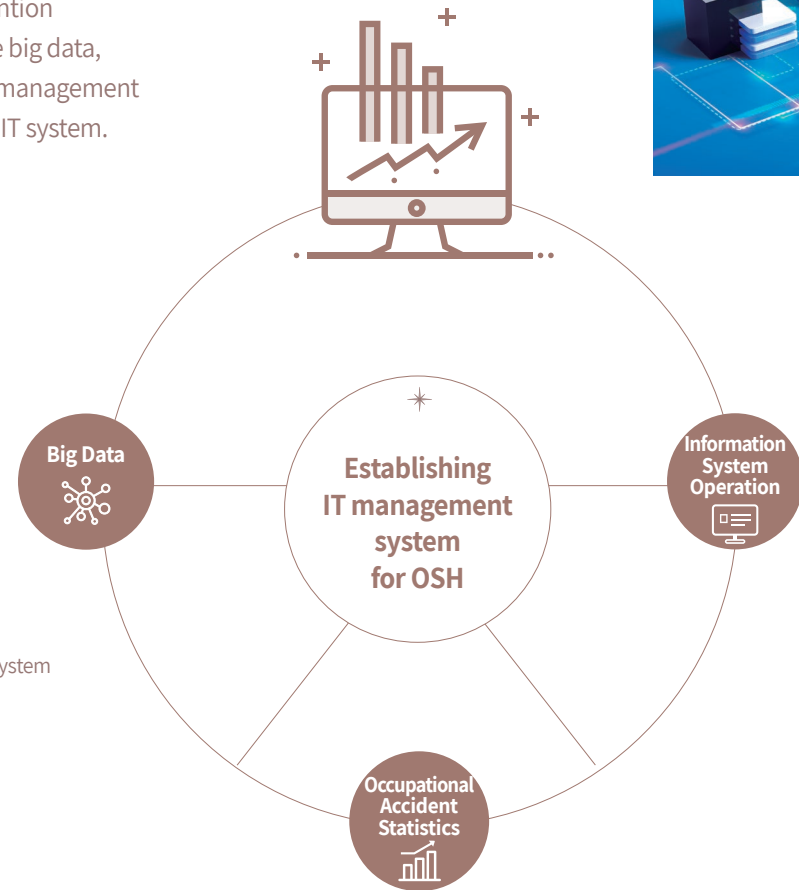
### Major tasks

- Hazardous Machinery and Equipment Safety Certification
- Protective Devices and PPEs Safety Certification
- Hazardous Machinery and Equipment Safety Test
- Industrial Machinery and Equipment (S Mark) Safety Certification



## Digital Strategy

We lay a foundation for the system of occupational accident prevention by analyzing and utilizing the big data, being in charge of IT system management and improving quality of the IT system.



Necessity arises for the build of scientific foundation to reduce occupational accidents and deaths.

Developing Big Data and AI-based system such as AI platform prototype

Necessity for a system to collect and manage the data on the occupational accident prevention activities

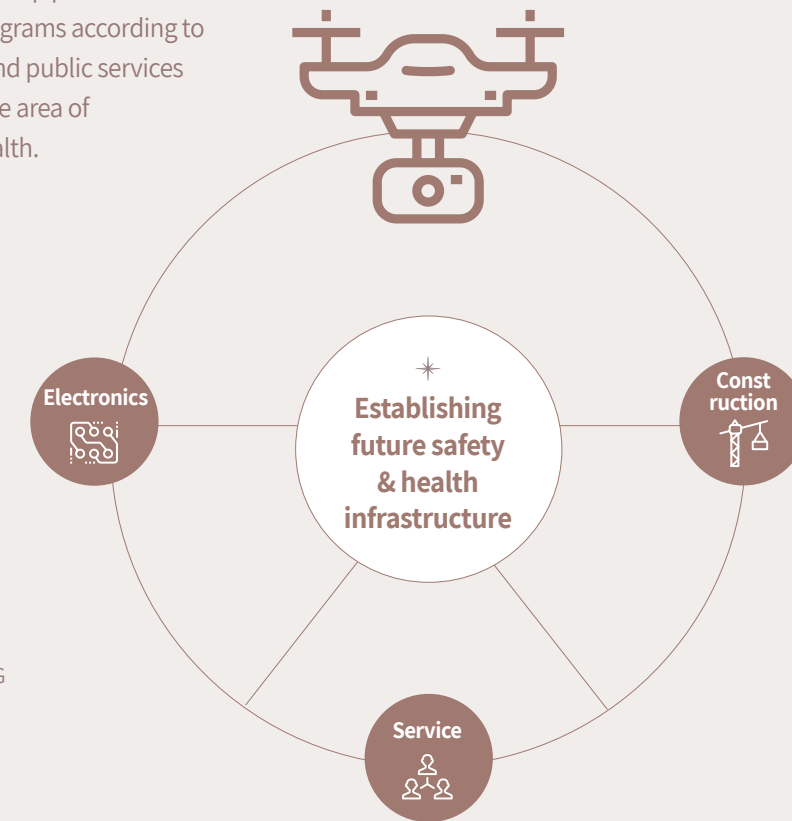
Operating and improving the integrated information system to support occupational accident prevention activities

Necessity arises for collating basic data to develop and implement accident prevention policies and projects

Making and analyzing statistics on the current status of occupational accidents

## Future Forecasting and Preparation

Occupational Safety & Health Future Technology Institute identifies rapidly changing trends in hazardous industries to develop professional future safety and health programs according to industrial change and expand public services as a leading institution in the area of occupational safety and health.



Occupational cancer and acute poisoning occur due to the handling of various chemicals

Establish a safety and health system tailored to the electronics industry by advancing exposure monitoring based on sensors or 5G telecommunications technology

Const ruction

High-rise building construction with its complexity and increasing influx of vulnerable workers

Ensure construction workers' safety by establishing a comprehensive construction site information system

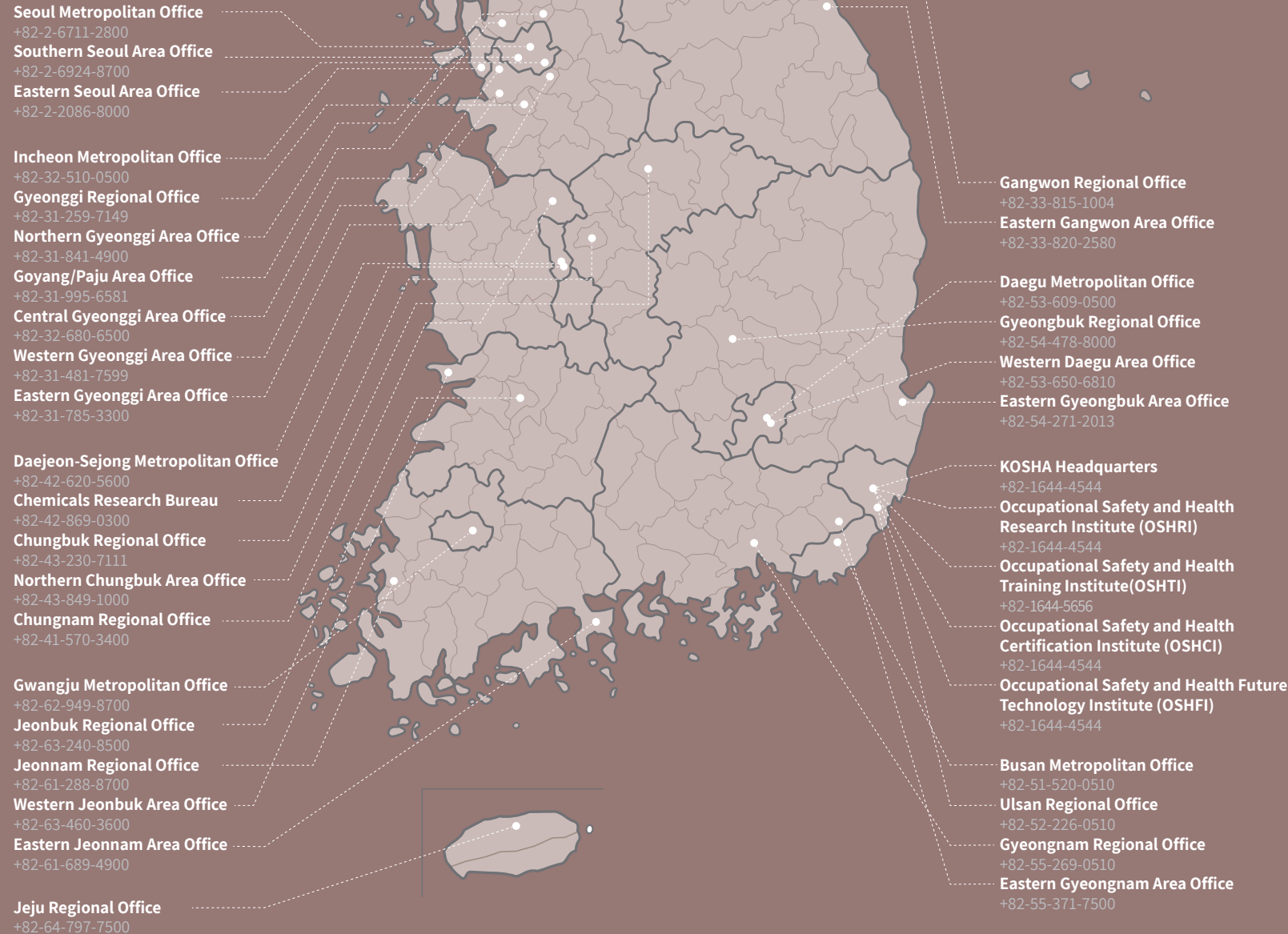
Service

Accelerated influx of socially vulnerable groups into the service industry due to the advent of new labor types

Set up a protection system for service workers by constructing an information delivery system for platform workers



# KOSHA Networks



## Established



December 9,  
1987

## Organization(as of 2021)

Headquarters,  
OSHRI, OSHTI,  
OSHCI, OSHFI



**6**  
Metropolitan  
Offices

**10**  
Regional  
Offices

**14**  
Area  
Offices



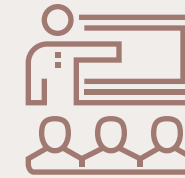
**2,152**  
Number of  
workers

## Slogan



Safety, it's your right

## Number of technical assistance provided



Total of 604,331

- Accidents and fatalities Reduction : **83,436** rounds /**65,461** sites
- On-site Patrol Inspection : **77,085** visits /**65,174** sites
- Statutory / Policy-related : **40,505** operations
- Entrusted by private sector : **480,390** operations
- \* We add up all the number of businesses (locations) and cases, which have been set and managed separately

## Fund for financial assistance



**KRW**  
**308,762 million**

- Financial aid for Clean Workplace : KRW **168,257** million
- Loans for Accident Prevention Facilities : KRW **102,758** million
- Working environment monitoring and special health examinations : KRW **37,747** million

## Training



**634,276**  
people

- **185,178** middle managers
- **347,533** workers
- **7,779** people for job and specialized training
- **93,786** people for e-learning courses

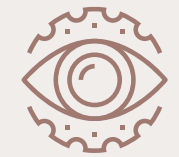
## Certifications and Tests



**119,492**  
cases

- **52,835** safety certifications for hazardous machinery and equipment
- **58,003** safety tests for hazardous machinery and equipment
- **6,687** safety certifications for protective devices and clothing
- **1,967** safety certifications for industrial machinery and tools

## Private accident prevention institutions evaluated by KOSHA



**785**  
institutions

- **198** in training
- **180** in safety
- **290** in health
- **117** in construction



