



Latest provisional version as of **September 22, 2023**  
Please feel free to provide us with any comments, if  
you have any.

# CHRONICLE 2023

THE GLOBAL INITIATIVE FOR SAFETY,  
HEALTH AND WELLBEING @EXPO2025  
AND BEYOND



## Don't turn a blind eye: Every day lives are lost at work

WHO (World Health Organization) estimates that 2.1% of all deaths and 2.7% of the disease world-wide can be attributed to occupational risks. Thus, actions towards healthier and safer workplaces will contribute to improve and protect the lives of millions around the world.



According to ILO (International Labour Organization) estimates, every year over 2.3 million persons die from an occupational injury or disease. Over 350,000 deaths are due to fatal accidents and almost 2 million deaths are due to fatal work-related diseases. In addition, over 313 million workers are involved in non-fatal occupational accidents causing serious injuries and absences from work.

Almost 4% of the world's annual GDP is lost due to incidents which could have been prevented.

- The construction industry has a higher than average rate of accidents.
- Younger and older workers are particularly vulnerable.



## Prevention is not a cost, but an investment. It pays off.

According to the research project by the International Social Security Association (ISSA), the German Social Accident Insurance (DGUV) and the German Social Accident Insurance Institution for the Energy, Textile, Electrical and Media Products Sectors (BG ETEM), spending on occupational safety and health is an investment that "pays off" for companies.

The Return on Prevention (ROP) is assessed to be 2.2.





# SAFETY

# HEALTH

# WELL-BEING

## Well-being: The key to a sustainable future for everyone

CONSTITUTION OF THE WORLD HEALTH ORGANIZATION

“Health is a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity.”



Workers well-being is a key factor in determining an organisation's long-term effectiveness. Many studies show a direct link between productivity levels and the general health and well-being of the workforce.



Well-being at work contributes to productivity, but also to a positive climate that transforms a passive productivity into a creative and proactive world of work, where workers and managers collaborate and take active steps to protect and promote the health, safety and wellbeing of all workers and thus contribute to the sustainability of the workplace and their business operations.



## Designing Future Society for Our Lives

Never before has there been such a profound awareness of what it truly means to "LIVE," and the importance of safety, health and well-being.

Join us in a global call for safety, health, and well-being, as we embark on a groundbreaking journey at EXPO 2025 OSAKA, KANSAI, JAPAN, where people from around the world come together to discuss and design the future society for our lives.



# World Leaders Unite: Recognizing the Global Significance of Safety, Health, and Well-being

The Global Initiative for Safety, Health, and Well-being (GISHW) aims to establish 'Vision Zero for All' as a global citizen's initiative by 2030. As shown below, leading international organizations and enterprises are calling for safety, health, and well-being. The theme of EXPO2025, "Designing Future Society for Our Lives," aligns harmoniously with their messages. GISHW is committed to continuously enhance the safety, health and wellbeing of people worldwide and through international collaboration to contribute to the dissemination and flourishing of Vision Zero initiatives on a global scale.



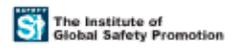

**Tedros Adhanom Ghebreyesus**  
WORLD HEALTH ORGANIZATION (WHO)  
DIRECTOR GENERAL

The enjoyment of the highest attainable standard of physical, mental and social wellbeing is one of the fundamental rights of every person. @Vision Zero Summit 2022




**Vanessa Harwood-Whitcher**  
INSTITUTION OF OCCUPATIONAL SAFETY AND HEALTH (IOSH)  
CHIEF EXECUTIVE

With Activate 2028, we bring to the forefront the role OSH plays in enabling inclusive working environments where employees, feeling safe, and being safe are given equal attention and action.




**Masao Mukaidono**  
INSTITUTE OF GLOBAL SAFETY PROMOTION (IGSAP)  
CHAIRMAN

"Within the domain of occupational health and safety, the placement of well-being assumes a structured hierarchy. Initially, safety serves as the solid foundation, followed by health, and only then can well-being truly be safeguarded." (Safety, Health and well-being, SAFETY DIGEST Vol.68, No.11, pp.2-8, Japan Safety Appliances Association, November 2022)




**Gilbert F. Houngbo**  
INTERNATIONAL LABOUR ORGANIZATION (ILO)  
DIRECTOR GENERAL

Support workers and enterprises to improve work engagement and to promote decent work by implementing measures to reduce inequality;  
Ensure occupational safety and health;  
Promote health and well-being at work  
(G7 Kurashiki Labour and Employment Ministers' Meeting, Okayama, Japan, April 23, 2023)




**Mohammed Azman**  
THE INTERNATIONAL SOCIAL SECURITY ASSOCIATION (ISSA)  
PRESIDENT

"Safety and Health is right for all workers. Hence, people are at the heart of the Vision Zero strategy. Vision Zero promotes joint responsibility of all actors in prevention to improve safety, health and wellbeing."  
(Int'l Well-being Tech Forum, May 11, 2023)




**Hans-Horst Konkolewsky**  
INTERNATIONAL ORP FOUNDATION (FIORP),  
PRESIDENT

"While risk prevention measures traditionally have been regarded as external obligations imposed on business by governments, companies nowadays have turned these into Key Performance Indicators for successful leadership and important contributors to corporate sustainability goals."  
(Wellbeing in Practice" by Nikkei BP)




**Stefan Olsson**  
EUROPEAN COMMISSION (EC)  
WORKING CONDITION AND SOCIAL DIALOGUE  
DIRECTOR

"The issue of statistics and knowledge about accidents and occupational diseases, of course, is crucial to the Zero Vision approach and EU policy on OSH in general."  
(Vision Zero Summit 2022)




**Sven Timm**  
CENTRAL PREVENTION DIVISION,  
GERMAN SOCIAL ACCIDENT INSURANCE (DGUV)  
DIRECTOR

"The German Social Accident Insurance Institutions are to:  
prevent occupational accidents, occupational diseases and work-related health hazards "with all suitable means"  
(Int'l Well-being Tech Forum, May 11, 2023)




**Audrey Tang**  
PUBLIC DIGITAL INNOVATION SPACE  
DIGITAL MINISTER OF TAIWAN

"Taiwan's record of preventing deaths from Covid-19, which stands very close to Vision Zero"  
(Vision Zero Summit 2022)




**Siong Hin Ho**  
INTERNATIONAL ASSOCIATION OF LABOUR INSPECTION (IALI)  
PRESIDENT

IALI believes that by adopting the concept and approaches of Vision Zero, Labour Inspection will be better equipped to be a change agent in helping stakeholders to achieve better safety and health outcomes in a more sustainable manner.  
(Int'l Well-being Tech Forum, May 11, 2023)




**Tommi Alanko**  
FINNISH INSTITUTE OF OCCUPATIONAL HEALTH (FIOH)  
DIRECTOR OF OCCUPATIONAL SAFETY UNIT

"Vision zero has served as a common dominator and provided a platform for building collaboration for decent work and better safety worldwide. I do see a great opportunity to take safety health and well-being to the next level."  
(Vision Zero Summit 2022)




**Bonnie Yau**  
OCCUPATIONAL SAFETY AND HEALTH COUNCIL (OSHC)  
EXECUTIVE DIRECTOR

"Promote safety and health at work, including well-being, and cultivate a strong safety culture"  
(Int'l Well-being Tech Forum, May 11, 2023)



# World Leaders Unite: Recognizing the Global Significance of Safety, Health, and Well-being

Leaders' Voices



**Kazuhiko Ishimura**

NATIONAL INSTITUTE OF  
ADVANCED INDUSTRIAL  
SCIENCE AND TECHNOLOGY  
(AIIST)  
PRESIDENT, CEO



One of the missions of AIIST is to solve social problems. So promoting society 5.0 and achieving the safety, health and well-being of workers in such a huge society is directly related to overcoming current social issues. (Vision Zero Summit 2022)



**Stuart Hughes**

MERCEDES-AMG  
PETRONAS FORMULA  
ONE TEAM  
HEAD OF HEALTH& SAFETY



"See it, Say it, Fix it" is our mindset to creating a culture where it is safe to speak up without fear. This is vital for occupational safety and health. (Vision Zero Summit 2022)



**Kazuyuki Inoue**

SHIMIZU CORPORATION  
PRESIDENT AND  
DIRECTOR



In order to achieve both safety and improved productivity through i-Construction, we have formulated the banner "SHIMIZU Digital General Contractor" which incorporates the concept of collaborative safety in addition to digitization and robot construction

EXPO2025

Safety is an essential prerequisite for ensuring optimal health and overall well-being. Its significance is well recognized and emphasized by a multitude of prominent organizations and enterprises.

The Safety dimension is closely linked to the theme of EXPO2025, "Designing Future Society for Our Lives," especially the subtheme of "Saving Lives."

Vision Zero Journey

## Designing Future Society for Our Lives



### Subthemes



VZSJ2022



**Sittichoke Huckuntod**  
NIKE  
HSE DIRECTOR



"At Nike now we believe firmly a safe and healthy workplace contributes to a flexible and resilient and more successful business" (Vision Zero Summit 2022)



**Andresa Hernandes**  
SIEMENS AG  
OCCUPATIONAL SAFETY  
VICE PRESIDENT



"We are driving change at an incredible rate, but by empowering our people and harnessing new technologies we can and will improve health, safety and wellbeing." (Int'l Well-being Tech Forum, May 11, 2023)



**Manfred Schoch**  
BMW  
CHAIRMAN OF  
BMW GROUP WORKS  
COUNCIL



"Health and safety issues are therefore also anchored in the corporate strategy as a part of social sustainability." (Vision Zero Summit 2022)

Kick-off @Bilbao

1st Gen. Meeting



**Seong-Kyu Kang**  
INTERNATIONAL  
COMMISSION ON  
OCCUPATIONAL HEALTH  
(ICOH), PRESIDENT



"The best way to keep workers safe and healthy and to keep the business running well without injuries and unnecessary risk is to take a good hard look at how to make it safer...an investment in the workforce is an investment in the future of the enterprise and the social fabric of any country." (Creating a Safe and Healthy Workplace A Guide to Occupational Health and Safety for Entrepreneurs, Owners and Managers, ICOH)



**Antoine Vanlaeys**  
L'ORÉAL S.A.  
CHIEF OPERATIONS  
OFFICER & MEMBER OF THE  
EXECUTIVE COMMITTEE

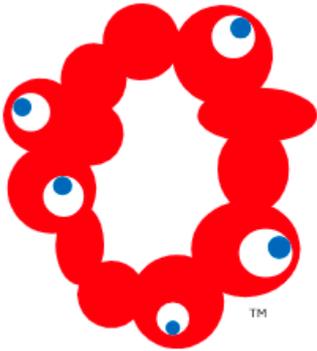


"We are proud of our initiatives, SAFE@WORK SAFE@HOME, that was created to spread our culture of health, safety and wellbeing beyond the gates of L'Oréal." (Vision Zero Summit 2022)



EXPO2025 Association





OSAKA, KANSAI, JAPAN

EXPO 2025



Schedule: 184 days from April 13 to October 13, 2025

Venue: Yumeshima, Osaka



# Theme

# Designing Future Society for Our Lives

## Subthemes

**Saving Lives**  
(いのちを救う)

**Empowering Lives**  
(いのちに力を与える)

**Connecting Lives**  
(いのちをつなぐ)

## Concept

### - People's Living Lab -

A laboratory for a future society

- 1 A space where 8 billion people from around the world will not only view exhibits but will co-create our future society.
- 2 Even before the Expo begins, an online platform for sharing challenges and solutions from around the world will be launched.
- 3 A place where the world's knowledge such as cutting-edge technology will be brought together, used to create new ideas, and shared, all to help resolve global issues facing mankind.



# Join 2025



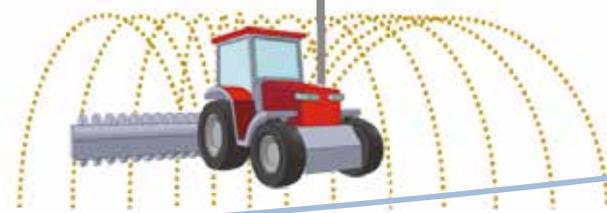
Sowing the seeds of Vision Zero



**Global friends who have sowed the Vision Zero seeds**  
 (Logos of organizers, supporters, sponsors and speakers of the Vision Zero Summit 2022 Japan)

## Plant a seed of Vision Zero

ビジョン・ゼロの  
種を植える



The seed of VISION ZERO was first planted during the 2014 World Congress on Safety and Health at Work in Germany, driven by an ambitious objective of achieving zero accidents. Since then, collaborative efforts and actions, and the exchange of best practices and knowledge have been witnessed, propelling the movement as institutions, organizations, and companies embrace its mindset and expand the frontiers of its implementation.

Significant milestones include the issuance of the Vision Zero Tokyo Declaration for All during the Vision Zero Summit Japan 2022 and the announcement of the Global Initiative for Safety, Health, and Wellbeing and Beyond (GISHW) at the ORP Congress in 2023. Looking ahead to the SDGs' target year of 2030, GISHW envisions leveraging Expo2025 as a powerful platform to amplify the significance of safety, health, and well-being. Together with you, colleagues and friends, GISHW continues to strive for the safety, health, and well-being of global citizens.



# Vision Zero for All

Safety · Health · Well-being



Flourish  
生き茂る

そしてその先へ

*and Beyond*



2023



2024



2025



Leaders' Voices

EXPO2025

Vision Zero Journey

VZSJ2022

Kick-off @Bilbao

1st Gen. Meeting

EXPO2025 Association



# VISION ZERO SUMMIT 2022

11 to 13 May 2022

Redefining safety, health and well-being for the new normal



## OPENING STATEMENT AND KEYNOTES



**MASAO MUKAIDONO**  
INSTITUTE OF GLOBAL SAFETY PROMOTION (IGSAP) CHAIRMAN  
VZSJ JAPAN ORGANIZING COMMITTEE CHAIRMAN



**SHIGEYUKI GOTO**  
MINISTRY OF HEALTH, LABOUR AND WELFARE, JAPAN, MINISTER



**TEDROS ADHANOM GHEBREYESUS**  
WORLD HEALTH ORGANIZATION (WHO) DIRECTOR GENERAL



**JOACHIM BREUER**  
INTERNATIONAL SOCIAL SECURITY ASSOCIATION (ISSA) PRESIDENT (2016-2022)



**STEFAN OLSSON**  
EUROPEAN COMMISSION (EC) WORKING CONDITION AND SOCIAL DIALOGUE DIRECTOR



**VANESSA HARWOOD-WHITCHER**  
INSTITUTION OF OCCUPATIONAL SAFETY AND HEALTH (IOSH) CHIEF EXECUTIVE



**KAZUHIKO ISHIMURA**  
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY (AIST) PRESIDENT, CEO



**MANFRED SCHOCH**  
BMW CHAIRMAN OF BMW GROUP WORKS COUNCIL



**KAZUYUKI INOUE**  
SHIMIZU CORPORATION PRESIDENT AND DIRECTOR



**Tommi Alanko**  
FINNISH INSTITUTE OF OCCUPATIONAL HEALTH (FIOH) DIRECTOR OF OCCUPATIONAL SAFETY UNIT



The affiliations and positions are as of the time of Vision Zero Summit Japan 2022 (May 11-13, 2022)

### Vision Zero for All was issued as the Tokyo Declaration



Declares that Vision Zero

1. Is a strategy and holistic mindset for prevention, which is built on the common desire to promote and establish a global prevention culture, and aims at reducing accidents and occupational diseases, and at promoting safety, health and well-being at work;
4. Contributes to the 2030 Sustainable Development Goals, in particular SDG 8 (Decent Work and Economic Growth), SDG 3 (Good Health and Wellbeing), SDG 4 (Quality Education) and SDG 17 (Partnerships for the Goals);



### EXPO2025 OSAKA, KANSAI, JAPAN PRESENTATION

## Designing Future Society for Our Lives

World Expo 2025 will be held in Osaka, Kansai, Japan!



# SESSION CHAIRS

Prominent Occupational Safety, health and well-being experts

## SESSION C



**HANS-HORST KONKOLEWSKY**  
International ORP Foundation (FIORP), President



IMPLEMENTATION OF VISION ZERO IN ENTERPRISES: FROM VISION TO REALITY

## SESSION B



**OCKERT DUPPER**  
International Labour Organization (ILO) VZF Global Programme Manager



MAKING GLOBAL SUPPLY CHAINS SAFER

## SESSION H



**TAMIO TANIKAWA**  
National Institute of Advanced Industrial Science and Technology (AIST) Deputy Director, Research Center Team Leader



MOBILITY/AUTO-MOBILE/AUTO-GUIDED-VEHICLE (AGV)

## SESSION K



**TAKASHI KAWATA**  
SHIMIZU CORPORATION Advisor



IMPROVEMENT OF OSH AND PRODUCTIVITY

## SESSION M



**RENE LEBLANC**  
International Occupational Hygiene Association (IOHA) IOHA Past-President 2019-2020



HEALTH/HYGIENE/COVID19

## SESSION D



**ALAN STEVENS**  
Institution of Occupational Safety and Health (IOSH) Head of Strategic Engagement



FUTURE BUSINESS LEADERS: ACHIEVING HEALTHIER PERFORMANCE AND PRODUCTIVITY

## SESSION A



**BERND TREICHEL**  
International Social Security Association (ISSA) Senior Technical Specialist in Prevention and Social Security



VISION ZERO PROACTIVE LEADING INDICATORS

## SESSION Q



**RIEKO HOJO**  
National Institute of Occupational Safety and Health, Japan (JNIOSH) Senior Researcher, Associate Professor



THINK OF HUMAN FACTORS - TOWARD THE REALIZATION OF A SAFE, SECURE AND WELL-BEING SOCIETY

## SESSION F



**YOSHIHIRO NAKABO**  
National Institute of Advanced Industrial Science and Technology (AIST) Senior Researcher



ROBOTICS/COLLABORATIVE SAFETY

## SESSION J



**SHOKEN SHIMIZU**  
National Institute of Occupational Safety and Health, Japan (JNIOSH) Supervising Researcher



SAFETY, HEALTH AND WELL-BEING ACTIVITIES IN MANUFACTURING SITES

## SESSION N



**SADAO TAKEDA**  
Institute of Global Safety Promotion (IGSAP), Director



WELL-BEING AND SDGs

## SESSION E



**TOMMI ALANKO**  
Finnish Institute of Occupational Health (FIOH), Director of Occupational Safety Unit



BUILDING OSH CAPACITY THROUGH HIGHER EDUCATION, ONLINE LEARNING, AND CREDENTIALING

## SESSION I



**TOSHIYUKI KAJIYA**  
International Electrotechnical Commission (IEC) Vice-chair of IECEE Certification Management Committee of IEC



INTERNATIONAL STANDARDIZATION FOR SAFETY, HEALTH AND WELLBEING

## SESSION G



**YOSHIKI SEO**  
National Institute of Advanced Industrial Science and Technology (AIST) Director, Information Standardization Office



AI/ICT & DIGITALIZATION

## SESSION L



**MAGDALENA WACHNICKA-WITZKE**  
Agricultural Social Insurance Fund (KRUS), Director of the Communication and International Cooperation Office



AGRICULTURE AND OSH AGRI (OSH) CULTURE

## SESSION R



**MOHAMMED AZMAN AZIZ MOHAMMED**  
Social Security Organisation of Malaysia (SOCSO) CEO / Director General



NATIONAL STRATEGY TO PROMOTE VISION ZERO

Leaders' Voices

EXPO2025

Vision Zero Journey

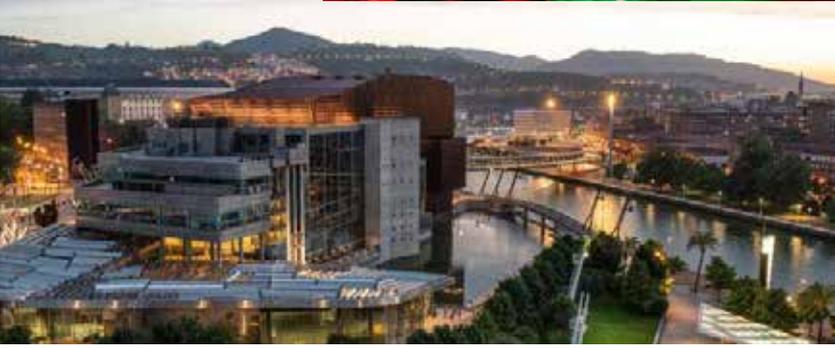
VZSJ2022

Kick-off @Bilbao

1st Gen. Meeting

EXPO2025 Association





Concurrent with ORP Congress 2023, the kick-off meeting of the Global Initiative for Safety, Health and Well-being @EXPO2025 and BEYOND was held, and prominent occupational safety and health leaders from international organizations pledged their support to the ambitious initiative.



Name	Affiliation
Tommi Alanko	The Finnish Institute of Occupational Health (FIOH)
Mohammed Azman	International Social Security Association (ISSA)
Ana Ercoreca de la Cruz	International Association of Labour Inspection (IALI)
Bernie Doyle	Asia Pacific Occupational Safety and Health Organization (AOSH)
Ockert Dupper	Vision Zero Fund, International Labour Organization (ILO)
Dietmar Elsler	European Agency for Safety and Health at Work (EU-OSHA)
Mireya Rifá Fabregat	The European Network of Safety and Health Professional Organisations (ENSHPO)
Christian Felten	Federal Association for Occupational Safety and Health (BASi)
Toshihiro Fujita	Institute of Global Safety Promotion (IGSAP)
Aleksandra Hadzik	The Agricultural Social Insurance Fund (KRUS)
Siong Hin Ho	International Association of Labour Inspection (IALI)
Lars Hoffmann	SIEMENS
Mariana Infante	International Labour Organization (ILO)
Ivan Ivanov	World Health Organization (WHO)
Hans-Horst Konkolewsky	The International ORP Foundation (FIORP)
Seong-Kyu Kang	International Commission on Occupational Health (ICOH)
Pablo Rodríguez Nieto	The International ORP Foundation (FIORP)
Yoshimasa Sakai	Japan Association for the 2025 WORLD EXPO
Manfred Schoch	BMW
Alan Stevens	The Institution of Occupational Safety and Health (IOSH)
Yoshikazu Tanaka	Osaka Convention & Tourism Bureau
Lars Tornvig	Human House
Bernd Treichel	International Social Security Association (ISSA)
Nana Wanjau	Commonwealth Business Women Africa
Magdalena Wachnicka-Witzke	The Agricultural Social Insurance Fund (KRUS)
Vanessa Harwood-Whitcher	The Institution of Occupational Safety and Health (IOSH)
Lars Wismer	Messe Düsseldorf GmbH
Bonnie Yau	The Occupational Safety and Health Council (OSHC)
Winson Yeung	The Occupational Safety and Health Council (OSHC)





Leaders' Voices

EXPO2025



At ORP Congress 2023 held in Bilbao, Spain from April 26 to 28, 2023, where more than 1,200 occupational health and safety professionals gathered from around the world, Dr. Fujita of the Institution of Global Safety Promotion explained how to leverage EXPO2025 to achieve the safety, health, and well-being of global citizens, which received great support from the audience.

Mr. Yoshikazu Tanaka of the Osaka Convention and Visitors Bureau conveyed the charms of Osaka and called for a visit to Japan on the occasion of EXPO2025, which drew great anticipation from the audience.

Vision Zero Journey

VZSJ2022



Kick-off @Bilbao

1st Gen. Meeting



EXPO2025 Association







Leaders' Voices

EXPO2025

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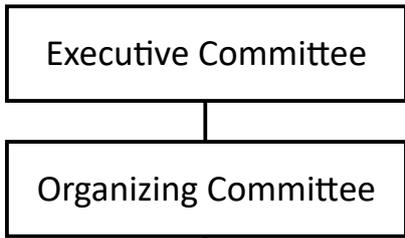
1st Gen. Meeting

EXPO2025 Association

Following the kick-off meeting in Bilbao, Spain, the first GISHW meeting was held in Osaka, Japan, to discuss its plans for the EXPO2025. It was decided to launch 3 Working groups which will prepare detailed proposals to be discussed and decided upon at the 2nd GISHW meeting, which is scheduled to take place during the World Congress on Safety and Health at Work in Sydney, Australia, in November 2023.



Organization chart of the Global Initiative for Safety, Health, and Well-being @EXPO2025 and BEYOND



Working Group 1



Working Group 2



Working Group 3



World Assembly (2024/2025)

A large-scale meeting of HR, safety, health and well-being experts/ professionals and their respective associations from around the world.

Symposia (2023/2024/2025)

To provide a platform for occupational safety and health decision makers, experts, scholars, professionals and individuals to learn and exchange the latest knowledge, ideas and perspectives on safety, health and well-being.

Exhibitions (2023/2024/2025)

To thematically showcase innovative technological and organizational solutions to prevent risks and to promote safety, health, and well-being at work and elsewhere.





Leaders' Voices

EXPO2025



Vision Zero Journey

*The EXPO representatives provided a detailed overview of the event's significance and its thematic focus areas. In response, the GISHW team communicated their objectives and demonstrated the alignment between their goals and those of the EXPO, particularly in relation to Vision Zero. All attendees proudly wore blousons with the slogan "Vision Zero Journey," symbolizing their collective dedication to realizing Vision Zero for ALL by the year 2025 and beyond, in sync with the schedule of the EXPO in Osaka.*

VZSJ2022

Kick-off @Bilbao



1st Gen. Meeting

EXPO2025 Association





**Masao Mukaidono**  
THE INSTITUTE OF GLOBAL SAFETY PROMOTION (IGAP)



**Stuart Hughes**  
THE INSTITUTION OF OCCUPATIONAL SAFETY AND HEALTH, (IOSH)  
MERCEDES-AMG PETRONAS FORMULA ONE TEAM



**Issei Hatakeyama**  
JAPAN ASSOCIATION FOR THE 2025 WORLD EXPOSITION



**Toru Takegoshi**  
JAPAN INDUSTRIAL SAFETY AND HEALTH ASSOCIATION





Cocktail Party

Exhibitions



Int'l Well-being Tech Forum

Site Tours



Discover Japan

Publications



WCSH @Sydney





**Future Monodzukuri International EXPO 2023**

OSAKA, KANSAI, JAPAN EXPO2025

**Haruhiro Imizu**  
THE NIKKAN KOGYO SHIMBUN, LTD.

**Atsushi Yasuda**  
THE MINISTRY OF ECONOMY, TRADE AND INDUSTRY (METI)

日刊工業新聞社  
The Nikkan Kogyo Shimbun

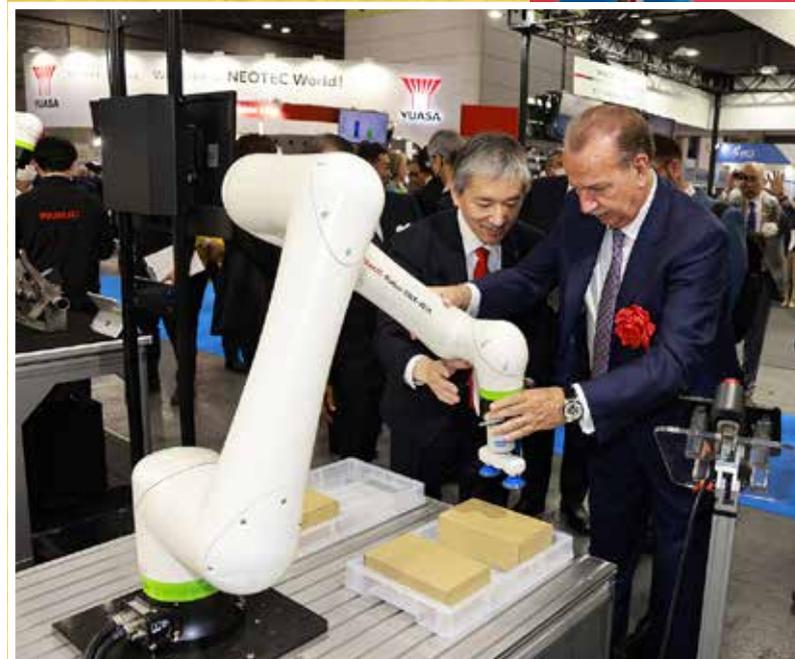
*The Future Monodzukuri International EXPO was successfully held from May 10-12, 2023, as it achieved its primary objective to generate enthusiasm for the upcoming EXPO.*

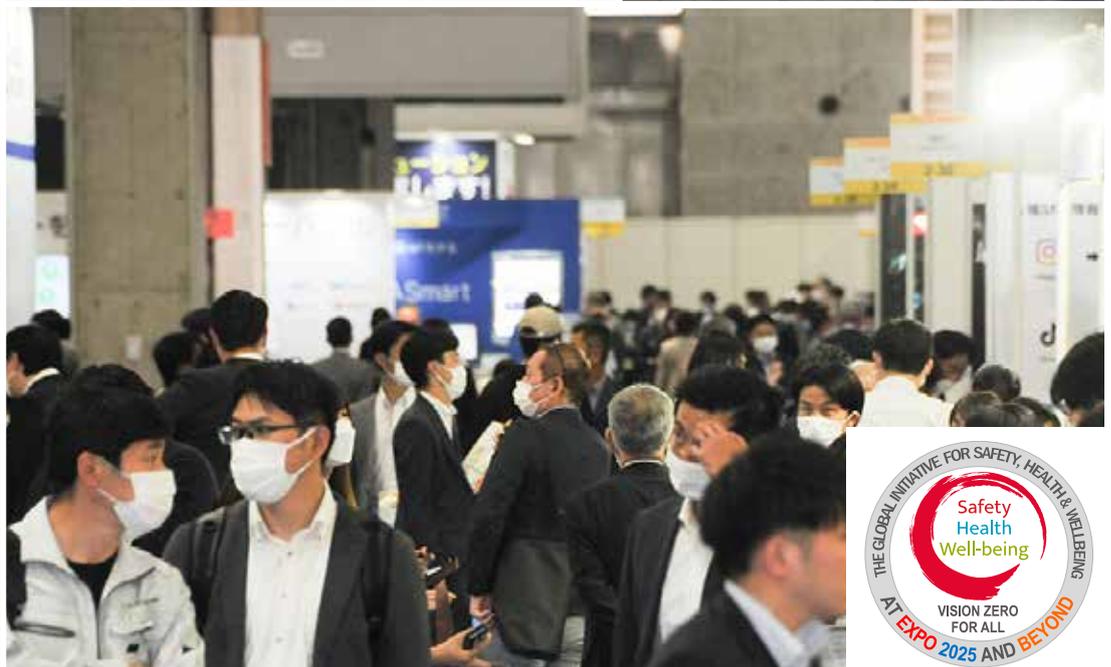
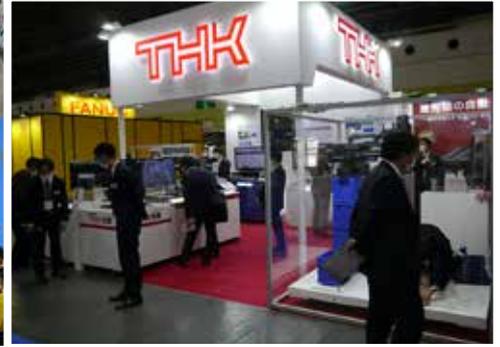


**Yoshimasa Sakai**  
JAPAN ASSOCIATION FOR THE 2025 WORLD EXPOSITION



**Hans-Horst Konkolewsky**  
INTERNATIONAL ORP FOUNDATION (FIORP)





Cocktail Party

Exhibitions

Int'l Well-being Tech Forum

Site Tours

Discover Japan

Publications

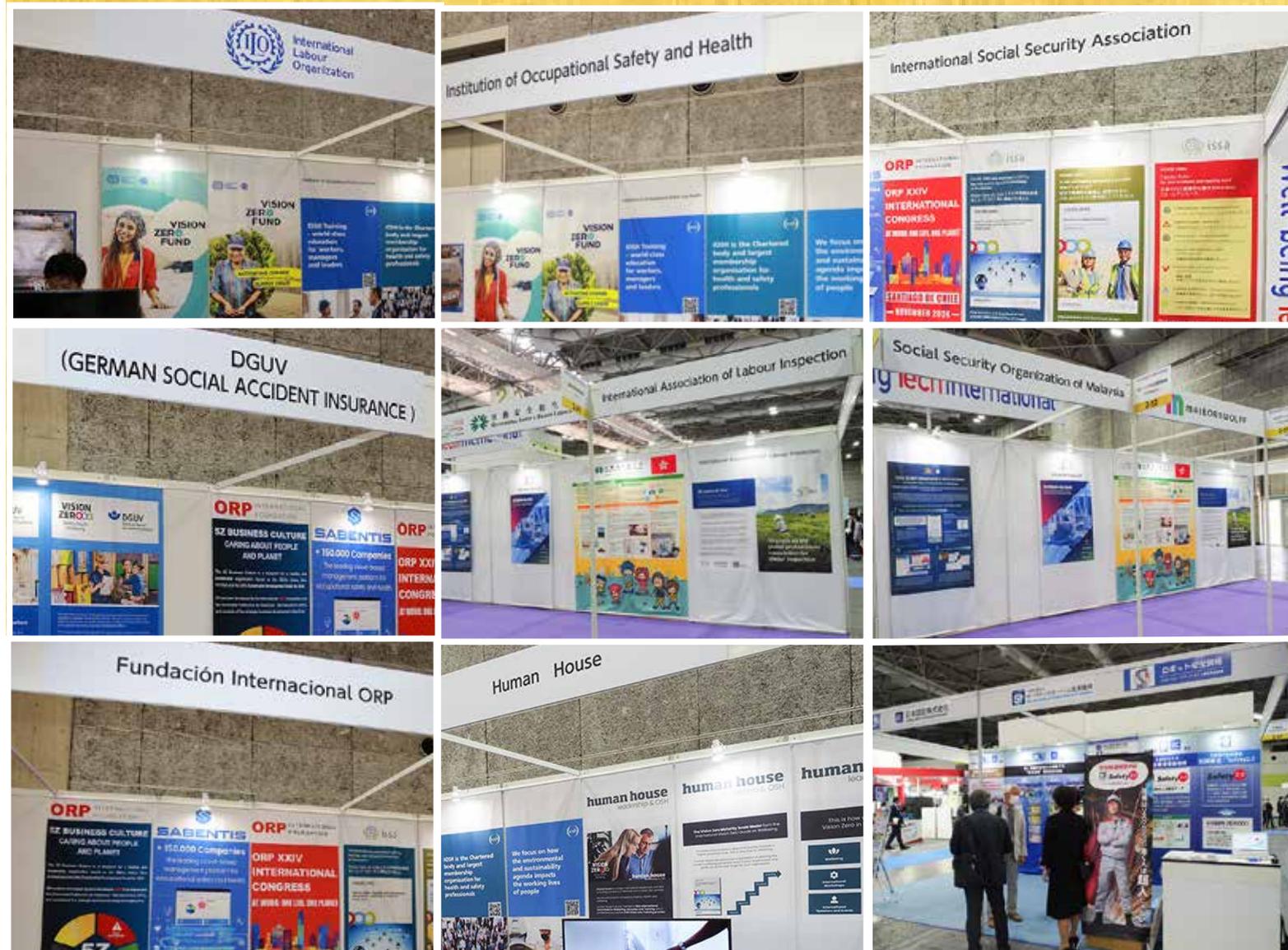
WCSH @Sydney



# Well-being Tech International 2023



*As a major side event to the Future Monozukuri International EXPO, the highly anticipated Well-being Tech International 2023 took place, with many international organizations and corporations presenting their work, products, and services.*



Cocktail Party

Exhibitions

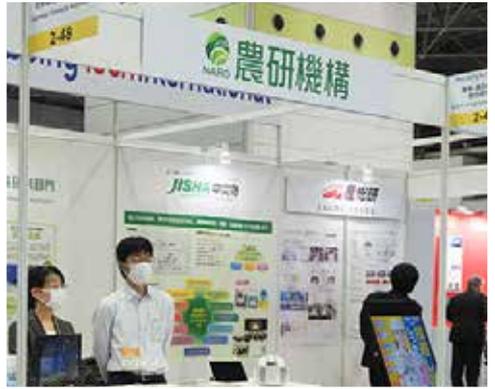
Int'l Well-being Tech Forum

Site Tours

Discover Japan

Publications

WCSH @Sydney





IGSAP Construction Committee member companies



Cocktail Party

Exhibitions

Int'l Well-being Tech Forum

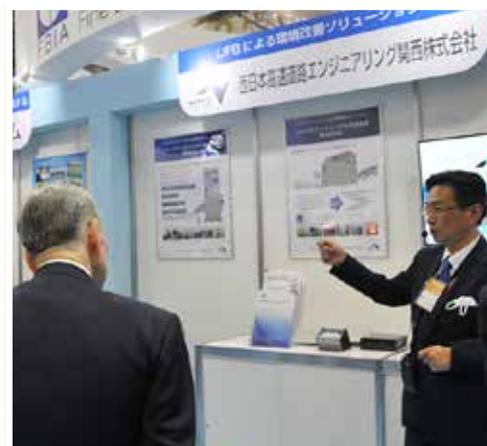
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Discover Japan

Publications

WCSH @Sydney

### Fine Bubble Industries Association (FBIA)



# Keynote Speeches



**SAFETY**  
The Institute of Global Safety Promotion

What is Vision Zero, the global trend to promote safety, health and well-being, and the well-being technologies that support it?

**Toshihiro Fujita**  
Director  
The Institute of Global Safety Promotion (IGSAP)



1970 → 1980 → 1990 → 2000 → 2010 → 2020 → 2030



**AMG PETRONAS**  
FORMULA ONE TEAM



Applying the Principles of Vision Zero -  
Creating a healthy and safe high performance environment

**Stuart Hughes**  
Head of Health & Safety at Mercedes-AMG Petronas Formula One Team



# Round Table A

## Part I: Well-being in the Work Environment - Challenges and Strategic Solutions - Reports and Discussion on Vision Zero Practices from Leading Global Institutions



**Sadao Takeda as MC**  
Director, Institute of Global Safety Promotion



**Ivan Ivanov**  
Head of Occupational and Workplace Health, World Health Organization (WHO)

**Building healthier, safer and more resilient workplaces for all**



**Hans-Horst Konkolewsky**  
President, International ORP Foundation (FIORP)



**5Z BUSINESS CULTURE – caring about people and planet**



**Stuart Hughes**  
President-elect, Institution of Occupational Safety and Health (IOSH)



**Promoting safety, health and wellbeing in the workplace**



**Mohammed Azman bin Aziz Mohammed**  
President, International Social Security Association (ISSA)



**A Vision Zero Guide to Wellbeing@Work**

Cocktail Party

Exhibitions

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Site Tours

Discover Japan

Publications

WCSH @Sydney



Round Table B



**Yuka Ujita**  
Senior Specialist, Occupational Safety and Health, DWT/CO-Bangkok, ILO



**No one left behind: A safe and healthy working environment as Fundamental Principle and Right at Work**



**Sadao Takeda as MC**

Director, Institute of Global Safety Promotion



**Sven Timm**  
Director of Central Prevention Division, German Social Accident Insurance (DGUV)



**Vision Zero in the German Social Accident Insurance**



**Bonnie Yau**  
Executive Director, Occupational Safety and Health Council (OSHC)



**Initiating Workplace Well-being programmes and Promoting Adoption of Best Practices in Hong Kong**



**Siong Hin Ho**  
President, International Association of Labour Inspection (IALI)  
Senior Director (International WSH) at Ministry of Manpower, Singapore



**Promoting Vision Zero to tackle Labour Inspection Challenges**





# Round Table D

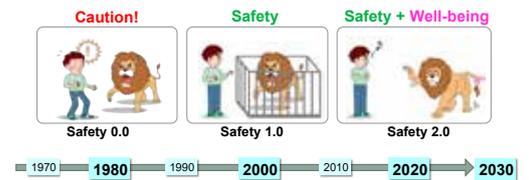


**Takashi Kawata**  
Advisor, Shimizu Corporation  
(Director, IGSAP)

## Safety, Anshin and Well-Being initiatives in the Construction industry



**Toshiyuki Kajiya as MC**  
Director, Institute of Global Safety Promotion



**Magdalena Wachnicka-Witzke**  
Secretary General, ISSA Agriculture Section  
Director of the Communication and International Cooperation Office, KRUS/Agricultural Social Insurance Fund



**Cooperation/collaboration and coexistence**

- Basic concepts: From "safety through isolation" to "safety through coexistence and cooperation"
  - Human-machine coexistence: Human and robot share the same space
  - Human-machine cooperation: Human and machine cooperate with each other

Manufacturing configuration between human and robot

Mode	Automation	Coexistence	Collaboration
Configuration	Physically restricted	Closing link space	Sharing link space

Mr. Saita, Toyota Vision Zero Summit Japan 2022 presentation

**AIST**

**Tamio Tanikawa**  
Deputy Director, Research Center Team Leader, AIST

## Necessity of human-machine coordination and new safety technologies for the issue of a declining workforce



**Winson Yeung**  
Principal Consultant, Occupational Safety and Health Council (OSHC)

## Technological Solutions to Improve Safety and Well-being in the Work Environment -- Hong Kong's Experience



**Jillian Hamilton**  
Founder/Managing Director

## Futurists Solutions to Global Regulation Challenges - Levelling the Playing Field with 1s & 0s

# Mukaidono Safety Award

The Mukaidono Safety Award recognizes individuals and organizations that have dedicated themselves to enhancing and promoting industrial safety, inspired by Professor Dr. Masao Mukaidono's achievements and passion for this field in Japan. This prestigious award aims to encourage and honor those who have made significant contributions to maintaining, improving, advancing and spreading safety practices within the industrial sector. Its ultimate goal is to foster a culture of safety, not only among professionals involved in industrial safety but also to contribute to the promotion of safety at industrial sites in Japan and beyond.



MASAO MUKAIDONO



## The Institution of Occupational Safety and Health (IOSH), United Kingdom



**Vanessa Harwood-Whitcher**  
 INSTITUTION OF OCCUPATIONAL SAFETY AND HEALTH (IOSH)  
 CHIEF EXECUTIVE



**Alan Stevens**  
 INSTITUTION OF OCCUPATIONAL SAFETY AND HEALTH (IOSH)  
 HEAD OF STRATEGIC ENGAGEMENT

For: Advocating a safe, healthy, and well-being work environment and contributing to its global dissemination



## Mohammed Aziz Mohammed

SOCIAL SECURITY ORGANIZATION (SOCOSO), MALAYSIA  
 CHIEF EXECUTIVE OFFICER / DIRECTOR GENERAL



For: Significant contributions to the promotion of occupational safety, health and social rehabilitation in Malaysia



## Stuart Hughes

MERCEDES AMG FORMULA ONE TEAM  
 HEAD OF SAFETY AND HEALTH



For: Building a culture of safety, health, and well-being at the Mercedes Formula One Team



## Ivan Ivanov



WORLD HEALTH ORGANIZATION (WHO)  
 HEAD OF OCCUPATIONAL AND WORKPLACE HEALTH



For: Global development of safety, health and well-being activities



## Japanese Awardees



### GROUP SECTION

- Shimizu Corporation Tunnel Site Collaborative Safety Execution Team
- Toray Engineering Co., Ltd.
- NSK Ltd. Production Headquarters EHS Promotion Office

### INDIVIDUAL SECTION

- Hiroyasu Ikeda, Project Researcher, Advanced Safety Research Group, JNIOASH
- Chisato Takeuchi, President, Rail Solutions Co., Ltd.



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Caution!

Safety

Safety + Well-being



Safety 0.0



Safety 1.0



Safety 2.0





Cocktail Party

Exhibitions

*The foreign delegates and other participants were offered a tour of the Kajiwara Tunnel construction site located on the Shin-Meishin Expressway, where they witnessed the extensive utilization of ICT (Information and Communication Technology) in prevention. They were greatly impressed by the comprehensive initiatives implemented at the site, placing a strong emphasis on the safety, health and overall well-being of the workers.*

Int'l Well-being Tech Forum



Site Tours

Discover Japan



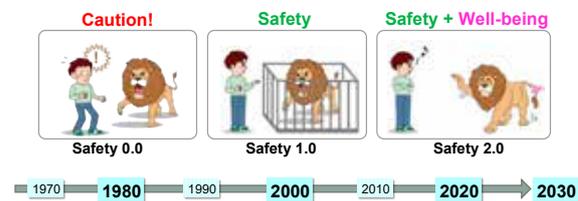
Publications

WCSh @Sydney

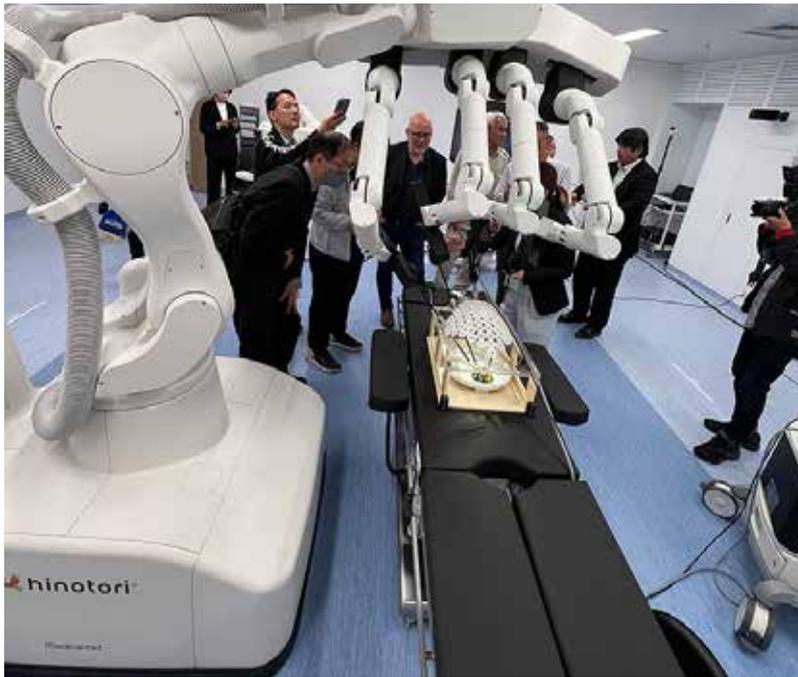




*The team enjoyed being greeted by the autonomous mobile robot "Nyokkey" at the Kawasaki Heavy Industries' showroom in west Kobe. They witnessed industrial robots that collaborate with each other in collaborative tasks, and service robots that coexist with humans. They also had the opportunity to experience getting a portrait drawn by "duAro," the dual-armed SCARA robot, which can coexist and collaborate with humans.*



*At the visit to Medicaroid Corporation, a company that combines the technology of Kawasaki Heavy Industries' industrial robots with the expertise developed by Sysmex Corporation in the medical field, attendees had the opportunity to experience the operation of the surgical assistance robot system, "hinotori™ Surgical Robot System." The robotic assisted surgery system, which enables precise movements of the surgeon, received admiration from the delegate members, who expressed their belief that it should be utilized worldwide.*



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*Discover the  
Enchanting Allure of Japan*





Cocktail Party

Exhibitions

*Indulge in Authentic Cuisine,  
Immerse in Captivating Sights,  
Embrace Rich Cultural Traditions,  
Discover Japan*



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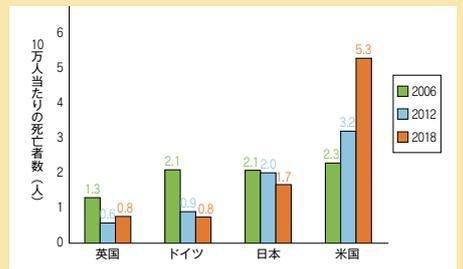
WCSH @Sydney



Construction sites have been stigmatized as "3D" workplaces - demanding, dirty, and dangerous. Why hasn't the number of deaths decreased? Unlike manufacturing plants, it is challenging to implement safety measures such as enclosing hazardous machinery. This eagerly awaited book, dedicated to the construction sector, explores effective strategies by "collaborative safety" in order to establish a safe and well-being environment.



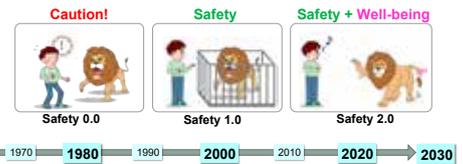
図表 1-1 全産業および建設業とトンネルの死亡発生状況 (清水建設作成)



日本の考え方	欧米の考え方
災害は努力すれば、二度と起こらないようにできる	災害は努力しても技術レベルに応じて必ず起こる
・災害の主要因は人である ・技術的対策よりも人の対策を優先	・災害防止は技術的問題である ・人の対策よりも技術的対策を優先
管理体制をつくり、人の教育訓練をし、規制を強化すれば安全は確保できる	人は必ず間違いを犯すものであるから、技術力の向上がなければ安全確保はできない
労働安全衛生法で、人および施設の安全化を目指すし、災害が発生するたびに規制を強化	設備の安全化とともに、事故が起こっても重大災害に至らない技術的対策
安全は、基本的にただである	安全は、基本的にコストがかかる。安全は投資である
・安全にコストは認めにくい ・目に見える「具体的危険」に対して最低限のコストで対応し、起こらないはずの災害対策に、技術的深堀りはない	・安全にはコストをかける ・危険源を洗い出し、そのリスクを評価し、評価に応じてコストをかける。起こるはずの災害の低減化努力をし、さまざまな技術・道具が生まれた
・見つけた危険をなくす技術 (危険検出型技術)	・理論的に安全を立証する技術 (安全確認型技術)
度数率 (発生件数) の重視	強度率 (重大災害) の重視

図表 1-2 日欧の安全に対する考え方の違い (向野政男監修、安全技術応用研究会編「国際化時代の機械システム安全技術」(日刊工業新聞社)を基に清水建設作成)

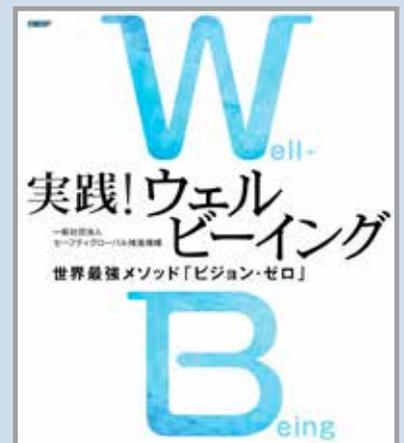
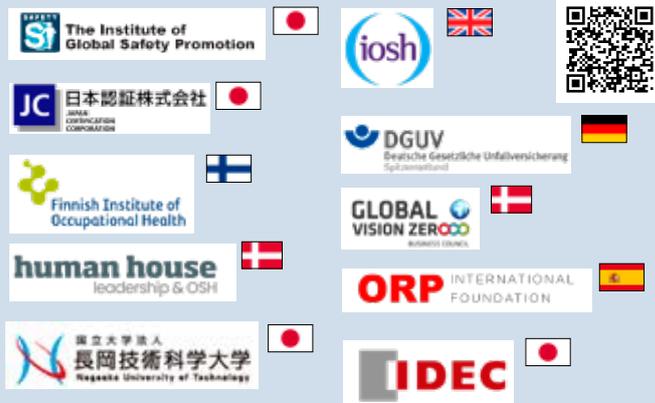
## 著者所属機関・企業



The recently published "Well-being in Practice" compiled by the Institute of Global Safety Promotion (IGSAP) and published by Nikkei BP, was presented as a gift from Professor Dr. Masao Mukaidono to all overseas participants at the 1st GISHW general meeting. In this book, world-renowned experts in the field of occupational safety, health and well-being made contributions from diverse perspectives.



## Authors/Contributors

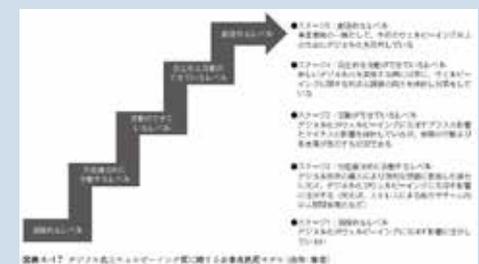


環境 ENVIRONMENT	社会 SOCIAL	ガバナンス GOVERNANCE
<ul style="list-style-type: none"> <li>気候変動</li> <li>資源の枯渇</li> <li>廃棄物</li> <li>公害</li> <li>森林破壊</li> </ul>	<ul style="list-style-type: none"> <li>人権</li> <li>現代の奴隷制度</li> <li>児童労働</li> <li>労働条件</li> <li>労働関係</li> </ul>	<ul style="list-style-type: none"> <li>収賄・汚職</li> <li>役員報酬</li> <li>取締役会の多様性と体制</li> <li>政治的ロビー活動・政治献金</li> <li>税務戦略</li> </ul>

図表 3-16 投資家が注目する ESG 関連データ (出所: PRI)



図表 4-19 安全文化の構築 (出所: 筆者)



図表 4-20 「Well-being in Practice」の達成に向けたステップ (出所: 筆者)



### IEC White Paper "Safety in the Future" published in November 2020



Compiled as an official document by IEC, a global standardization organization, this publication aims at establishing a foundation for safety in the future world. Spearheaded by the Ministry of Economy, Trade and Industry of Japan, the white paper involves editing by safety experts from around the world, emphasizing the collaborative interaction between humans, machinery, and the environment.



Figure 2-4 | Vision Zero as integrating safety, health and well-being [20]

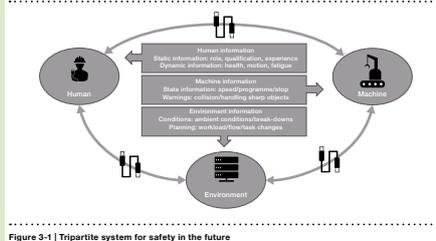
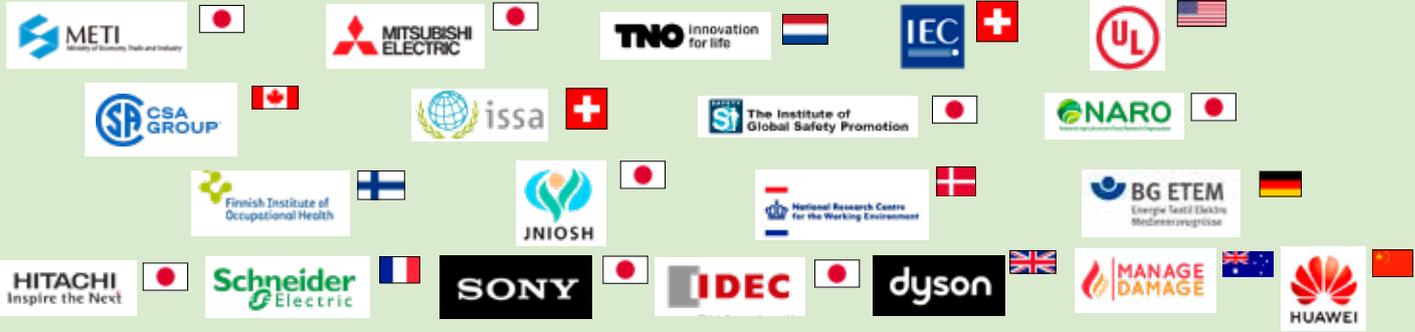


Figure 3-1 | Tripartite system for safety in the future



Figure 4-3 | Networked throughout for farm health and safety (Source: The National Agriculture and Food Research Organization (NARO))

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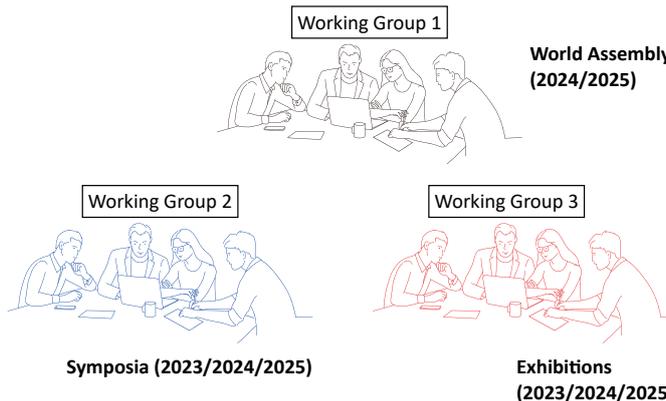
WCSH @Sydney



The 23rd World Congress on Occupational Safety and Health in Sydney, Australia in November 2023, will bring together esteemed professionals from leading international organizations and companies. In this influential context, the members of GISHW will meet and decide on the work plans Working Groups 1, 2 and 3 for the Safety, Health and Well-being Week at EXPO2025.



MS. SKYE BUATAVA  
Director  
SafeWork NSW

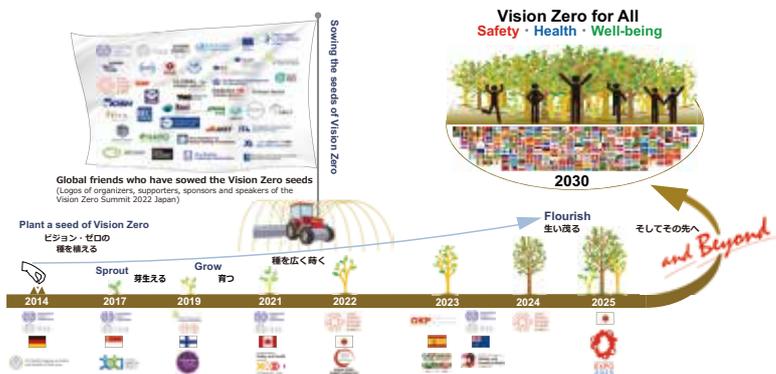




**Vision Zero for All is an initiative that strives to enhance the safety, health, and well-being of all individuals, encompassing the estimated 8 billion citizens inhabiting our planet. "Designing Future Society for Our Lives" is the main theme of EXPO2025 to be held in Osaka, Japan in 2025. These objectives align perfectly with the Sustainable Development Goals (SDGs), which seek to establish a sustainable society by 2030, leaving no one behind.**

**The essence of human existence lies in interconnectedness and mutual assistance in various endeavors, including work (occupation). Ensuring a safe, healthy, and nurturing work environment has a profound impact on people's lives. When parents work in an environment that is both comfortable and safe physically and mentally, they return home with happiness and a smile, benefiting their partners and children. Similarly, contented employees operating in a comfortable workspace are more likely to create superior products, services, and innovations that contribute to the well-being of customers, society, and ultimately the company itself.**

**The potential for Vision Zero for All is boundless, as experts in occupational safety, health, and wellbeing from around the world collaborate and share their knowledge to cultivate a safer, healthier, and happier planet.**



**Join the Global Initiative for Safety, Health and Well-being @EXPO2025 and BEYOND**

**We cordially invite you to participate in the Global Initiative for Safety, Health, and Well-being @EXPO2025 and Beyond (GISHW). This initiative is dedicated to enhancing the safety, health, and overall well-being of the estimated 8 billion global citizens. We believe that achieving these goals requires expertise and knowledge not only in the field of occupational safety health, but also across various other domains.**

**During this initiative, numerous international and national institutions, organizations, companies, and citizen networks will come together to collaborate and contribute towards improving well-being—the ultimate aspiration of humankind. By actively engaging in this endeavor, you will have the opportunity to interact and network with like-minded individuals, fostering the development of your skill, expertise and business.**

**Your unique perspective, profound insights, and invaluable experiences are essential in shaping this shared vision. We humbly request your presence and active participation in this noble endeavor. Join hands with us to cultivate safer and healthier workplaces, ultimately contributing to a better, brighter world for all. Join the Global Initiative for Safety, Health, and Wellbeing (GISHW) @EXPO 2025 and Beyond today, as together, we can truly make a difference.**

**Contact us for inquiries and information regarding the Global Initiative for Safety, Health and Well-being @EXPO2025 & BEYOND.**

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