

GLOBAL EXPERTISE • PRACTICAL IMPACT

Evidence-based occupational health advisory.

Helping organisations prevent occupational disease
and build healthier workforces.



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LOCATIONS
VANCOUVER, CANADA

Who We Are

Global HSE Consulting Limited was established to provide genuinely independent occupational health and safety oversight on safety-critical infrastructure — beginning with provincially appointed oversight of upgrades at the Cleveland Dam, in Metro Vancouver's Capilano Watershed.

Independence is not a positioning statement here. It is the reason the practice exists.

Today we are an international occupational health advisory practice, turning scientific evidence and field experience into measurable workforce health outcomes for high-hazard industries worldwide.



Content

Executive Summary

Leadership

Global Reach

Partnerships

Practice Areas

Our Approach

Contact



Executive Summary

An international occupational health advisory practice turning scientific evidence and field experience into measurable workforce health outcomes for high-hazard industries worldwide

01 WHO WE ARE

Global HSE Consulting is an international occupational health advisory practice. We help governments, industry, international organisations and research institutions prevent occupational disease and strengthen the systems that protect workforce health.

Our work spans evidence-based consulting, risk assessment, occupational health systems and governance, executive advisory, applied research and capacity building translating scientific evidence and decades of field experience into practical solutions for organizations.

02 CORE CAPABILITIES



Occupational Health Strategy

Evidence-based strategies aligned with international standards and organisational goals.



Standards & Systems

Management systems, governance, regulatory alignment and ISO implementation.



Risk Assessment & Prevention

Identifying, assessing and managing health risks before they become illness and disease.



Research & Capacity Building

Turning research into practical solutions through advisory and executive education.



35+

Years of Field
Experience



60+

Countries
Exposure

03 WHO WE SUPPORT



Governments



International
Organisations



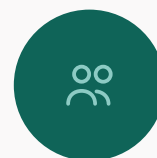
Industry



Employers
of all sizes



Academic
Research
Institutions



Workers'
Organisations

04 OUR DIFFERENCE



Evidence-Based

Grounded in scientific evidence and practical field experience.



International Experience

Across multiple countries, industries and regulatory systems.



Independent Advice

Objective counsel, free of commercial conflict the principle the practice was founded on.



Practical Implementation

Solutions organisations can realistically deliver.



Collaborative Partnerships

Building sustainable in-house occupational health capability.



3.5M+

Workers & Dependents
Reached



9

Expert
Rosters

Leadership

The international expertise, field experience and scientific authority behind Global HSE Consulting.

01 PROFILE



Dr. Nayab Sultan

Founder & CEO

Dr. Nayab Sultan is Principal of Global HSE Consulting Limited and an internationally recognised authority in occupational health. Across more than 35 years he has advised governments, industry and international organisations in over 60 countries.

His work centres on preventing occupational disease, building national OSH systems and shaping international standards turning field experience in high-hazard industries into practical policy.



35+ Years
Experience



60+ Countries
Advisory
delivered



Government
Policy
advisory



International
Organisations



Standards
Development

02 LEADERSHIP PHILOSOPHY

Worker health is built on evidence, not assumption. Our task is to turn scientific knowledge into practical systems organisations can implement and sustain preventing disease before it begins and improving workforce health for the long term.

— Dr. Nayab Sultan



03 EXECUTIVE HIGHLIGHTS



Subject Matter Expert Rosters

Member of five UN subject matter expert rosters ILO, UNDP, UN Secretariat, Commonwealth Secretariat and CARICOM.



ISO Standards Leadership

ISO 45001 Developing Countries Consultative Group representing more than eighty developing nations in international standards development.



International Advisory

Senior advisor to governments and industry across 60+ countries.



Research Leadership

Co-applicant on AI-assisted silicosis, global TB detection and other occupational health research.



Academic Appointments

Visiting Professor, Saudi Arabia, and Visiting Faculty in the UK and Canada, among other academic appointments.



Publications & Speaking

Peer reviewer for several peer-reviewed journals, including *The Lancet* and Wiley. Recipient of the Society of Occupational Medicine Award for Outstanding Contribution to the Global Development of Occupational Health, 2025.

ARBUTUS STATION SKYTRAIN, VANCOUVER, CANADA - 2023



Global Reach Advisory

Global HSE Consulting works across both industrialized developed and developing economies supporting governments, international organisations and industry with evidence-based occupational health solutions.

Each engagement is tailored to local industries, cultures and regulations while holding to international best practice turning global knowledge into measurable and sustainable workforce health gains.

- **SELECTED INTERNATIONAL ENGAGEMENTS**



01 GLOBAL ADVISORY CAPABILITIES



Government Advisory

Ministries, regulators and national institutions.



International Organisations

International agencies and development partners.



National, organisational and enterprise OH programmes

National and organisational OH programmes.



Capacity Building

Education, mentoring and capability development.



International standards, governance and best practice

International standards, governance and best practice.



Scientific evidence into practical implementation

Scientific evidence into practical implementation.



Partnerships

Advisory reach is only as strong as the networks that carry it. Through the Southern Africa Miners Association, Global HSE Consulting works alongside ten national ex-mineworkers' associations, reaching a migrant workforce that spans ten countries.

01 THE SOUTHERN AFRICA MINERS ASSOCIATION

Dr. Nayab Sultan serves as Senior Consultant to the Southern Africa Miners Association (SAMA), a regional body uniting national ex-mineworkers' associations. Due to Southern Africa's mining workforce being migratory, the network's reach extends across ten countries, supporting occupational health advocacy, compensation and benefits access, and early disease detection for current and former mineworkers and their dependants: a population historically underserved by occupational health and public health systems.

02 MEMBER ASSOCIATIONS

Angola — Associação de Apoio aos Trabalhadores Mineiros e Ex-Mineiros de Angola

Mozambique — Associação de Mineiros Moçambicanos (AMIMO)

Botswana — Botswana Labour Migrants Association (BoLAMA)

Lesotho — Ex-Miners of the Mountain Kingdom of Lesotho

Malawi — Ex-Miners Association of Malawi (EMAM)

Namibia — Mzilikazi Former Mine Workers Association (MFOMIWA)

Eswatini — Swaziland Migrant Mineworkers Association (SWAMMIWA)

South Africa — South Africa Ex-Mineworkers Council (SAEC)

Zambia — National Ex-Miners and Allied Workers Association (NEAWAZ)

Zimbabwe — Ex-Wenela Miners Association of Zimbabwe (EWEMAZ)



10+

Countries of
Reach



3.5M+

Workers &
Dependants



10

Member
Associations



Using AI for Early Disease Detection

In partnership with the University of British Columbia, the University of Cape Town and SAMA, Global HSE Consulting contributes to CIHR-funded research applying artificial intelligence to the early detection of silicosis and tuberculosis among ex-mineworkers. Field deployment in Eswatini uses CAD4TB computer-aided detection, bringing diagnostic capability to populations that have historically had very little coverage and support.

Practice Areas

Our multidisciplinary practice combines scientific and engineering expertise, international experience and practical implementation helping organisations prevent occupational disease, strengthen workforce health systems and improve long-term performance.



BROADWAY SUBWAY PROJECT, VANCOUVER · UNDERGROUND CROSSOVER TUNNELLING

01 CORE PRACTICE AREAS

Silica & Dust Hazards

Identifying, assessing and controlling exposure to respirable crystalline silica and other hazardous dusts.

- Exposure Assessment
- Dust Control Programmes
- Silicosis Prevention

IN PRACTICE: Advised on the development of Botswana's Workplace Exposure Standards Register. Body-mapping methodology deployed in Eswatini.

Research & Evidence

Translating scientific research into practical workplace policy and programmes.

- Applied Research
- Policy Development
- Programme Evaluation

IN PRACTICE: CIHR CAD \$600,000 grant: AI detection of silicosis and TB in Eswatini, with the University of British Columbia and the University of Cape Town.

International Advisory

Strategic counsel to governments, regulators and international organisations.

- Government Advisory
- International Organisations
- Policy & Standards

IN PRACTICE: Co-Convenor, ISO 45001 DCCG eighty developing nations. Five UN expert rosters.

01 CORE PRACTICE AREAS

Occupational Health Systems

Designing and strengthening occupational health programmes aligned to international standards.

- Health Programme Design
- System Reviews
- Governance & Compliance

IN PRACTICE: Co-founder of the Caribbean Safety Development Programme, with the support of the ILO SafeWork Programme, Geneva, and the Pan American Health Organization (PAHO).

High-Hazard Industries

Specialised advisory for mining, construction, manufacturing, infrastructure and energy.

- Mining
- Construction
- Manufacturing & Energy

IN PRACTICE: Provincial oversight, Cleveland Dam. Dr. Sultan: Provincial H&S Lead, CAD \$4B Highway 99 Infrastructure Project..

Global HSE Academy

Learning and development, including executive education.

- Executive Education
- Professional Training
- Capacity Building

CLEVELAND DAM, NORTH VANCOUVER • SAFETY-CRITICAL UPGRADE, METRO VANCOUVER

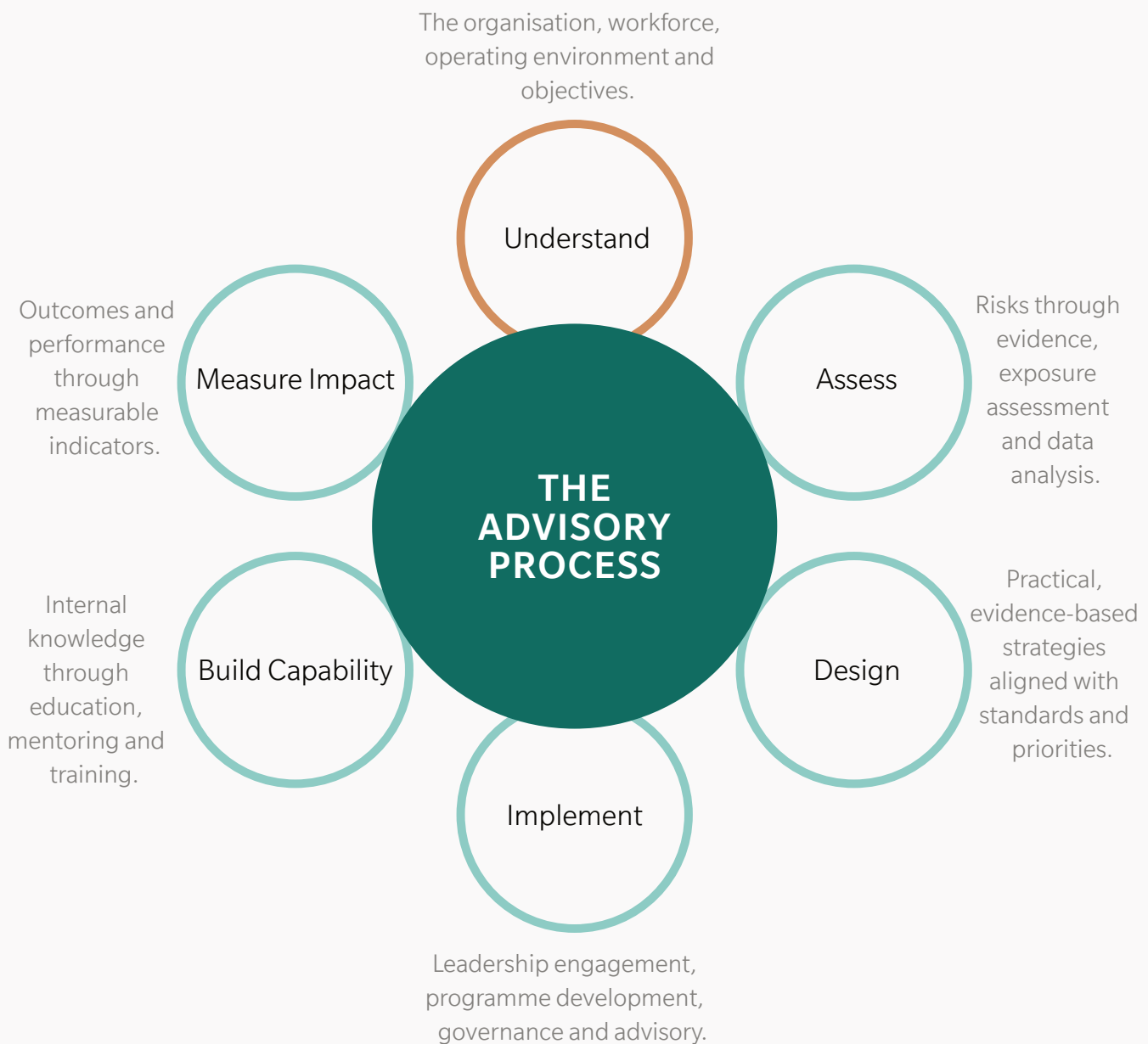


Integrated Advisory. Practical Outcomes.

Rather than delivering isolated consulting services, Global HSE Consulting integrates research, policy, education, systems thinking and practical implementation to deliver sustainable occupational health outcomes across diverse industries and jurisdictions.

Our Advisory Approach

Every organisation is different, but successful occupational health improvement follows a structured, evidence-based process by combining scientific expertise, practical implementation and long-term partnership to deliver sustainable outcomes.



BROADWAY SUBWAY PROJECT, VANCOUVER • CROSSOVER
TUNNELLING OPERATION, CAD \$3.8 BILLION



From Strategy to Sustainable Impact

Our role extends beyond identifying occupational health challenges. We work with organisations to translate evidence into action, strengthen internal capability and build systems that continue delivering value long after an engagement has concluded.

Disclaimer

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Any advice or recommendations provided by Global HSE Consulting Limited are given only under a written engagement and are specific to the circumstances, jurisdiction and workplace to which they relate. Statistics, standards and regulatory references cited herein are drawn from publicly available sources believed to be accurate at the time of publication and are subject to change.

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HIGHWAY INFRASTRUCTURE PROJECT, BRITISH COLUMBIA,
CANADA — OCCUPATIONAL HYGIENE FIELD ASSESSMENT

Building Healthier Workplaces Together

The future of occupational health depends on collaboration, scientific evidence, strong leadership and practical action. Global HSE Consulting is committed to working alongside governments, international organisations, employers and industry to create healthier workplaces and stronger workforce health systems around the world.

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EVIDENCE-BASED OCCUPATIONAL HEALTH ADVISORY

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