

A large red graphic on the left side of the slide, featuring a vertical line with five white circles of varying sizes. The circles are connected by a red line that curves at the top and bottom, creating a stylized 'S' or 'Z' shape.

Shaping the Future of safety and Health

Presented to: Society of Registered Safety Officers (SRSO)

Presented by: Andy Lo

Date: 23rd June 2017



Agenda

Shaping the future

Challenge

Competence

Communication

Collaboration

Consultation

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Shaping the Future – IOSH Strategy for 2017 - 2022

Enhance
Collaborate
Influence



Enhance



Enhance

An industry-backed competency framework

A new qualification as an entry route to
IOSH membership

An increase in Chartered member through
effective CPD

A new professional development
programme for H&S experts

A "future leaders" programme for
ambitious young people



Collaborate

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Collaborate

Draw our own members' expertise, experience, skills and networks to work with organizations and business to move forward together.

Partnerships will create new opportunities for leaders in the organizations they work for.



Influence

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Influence

Knowledge gathered in protecting people at work, whether it's through research, innovation or lesson learned from mistakes;

Can move the health and safety profession forward and raise standards in worker protection.

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Shaping the Future of Safety and Health in Hong Kong

Challenge
Competence
Communication
Collaboration
Consultation



Challenge

Taking a lunch on a girder in 1930s





The Challenge – HZM Bridge and BCF Island

Near 6000 bridge segments

Each around 100 ton

At least 10 lifting methods:-

Launching girder

Lifting frame / Lifting beam

Segment lifter

Strand jet

Mobile cranes / Barges

Others - Direct falsework / In-situ

Mobile lifting frame moving on deck



Lifting from barge



By lifting frame



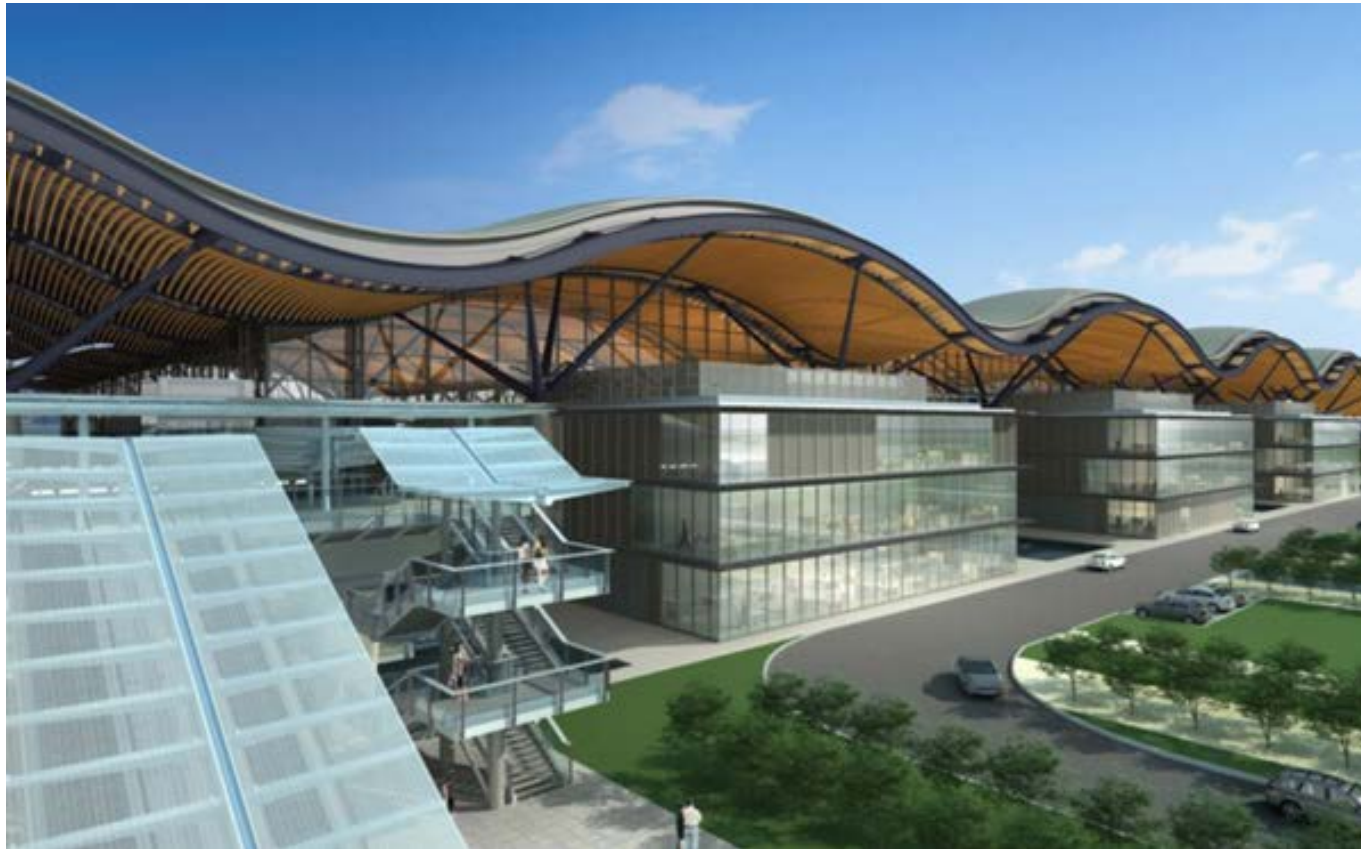
By strand jet across existing operating railway



Sophisticated strand jets



Construction of Passenger Clearance Building for HK Boundary Crossing Facilities (HKBCF)



Lifting of precast bath room units at Housing Projects





Time to Re-think

Time to take the Advancement

Time to Learn New Skills

Time to Prepare for the Changing
World in Accident Prevention



Competence



Safety Practitioners could be:-

Assistant Safety Officers

Safety Inspectors

Registered Safety Officers

Safety Engineers / Advisors

Safety Managers / Consultants

Safety Directors

Professors / Researchers in OSH

Local OSH Qualifications

HC/ HD / BSc + Training in OSH Leading
to Registration of Safety Officers Since
1979

Advanced Diploma in OSH/ BSc + IPD
Leading to Grad IOSH



European OSH Professionals Standard

Base on European Qualification for
OSH Professionals by EUSAFE Project
Final Report 2013

2 Grades in
Eur OSHM at EFQ 6/7
Eur OSHT at EFQ 4/5



CPD in OSH

IOSH - CPD

What You Have Learnt !

RSO CPD

100 Hours in 4 Years

1000 hours in 40 years

Do we need Soft Skills?

Do we need Structured Training?

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Design for Safety

Safety is a shared responsibility for
Client, Designer, Contractor and
Worker;

Designer to eliminate hazards and
reduce risks from the start of design
process, till completion and through
out the life cycle of the project



Design for Safety

Designs should be safe to build; safe to use; safe to clean and maintain and finally safe to demolish

Designers need support from structural / BS engineers, for example

Safety practitioners can be part of the design team in advising OSH matters with practical examples



Plan for the Future

With over 30 years of establishment of
the OSH profession

About 3000 Practicing Safety
Practitioners

including 500 CMIOSH and
500 MSc in OSH in HK

We are ready to support in accident
prevention



Communication

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Communication

Safety Induction

Pre-work Briefing / Workshop

Toolbox Talk

HIA

Site Safety Committee Meeting

Safety Department Meeting

Project Progress Meeting



Communication

Andy LO we need to talk about health and safety

There is one piece of safety gear we can all use to help prevent health and safety issues from happening – it's your mouth.

Having a health and safety conversation with your workmates, your boss or your workers is the first action to take to help make sure everyone goes home healthy and safe.

Planning for the day ahead, knowing who's doing what, learning from past mistakes and coming up with ways to work better and do things safer are conversations we should be having all the time.

Your mouth is a great bit of safety gear — use it and start talking.

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Communication

Your mouth is a safety gear.

Talk to your workmates, your boss and your workers, help them to make sure everyone goes home safely.

Planning for the day, knowing who is doing what, learning from past mistakes, use your mouth to start talking!

Communication

A recent chat with Graham Parker, the current president of IOSH during his HK visit in May 2017;

He said, we are living far apart but we are sharing OSH so closely here;

On the other hand, some people living so closely, but remote to chat.

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Communication

Jon Harper-Slade
GM, Construction Safety Council NZ

He said, I am passionate about helping
people and their organizations be
healthier and safer.

It's about real people like you and me
returning to our loved ones at the end of a
productive and rewarding working day.

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Communication

Jon Harper-Slade

He said, as a Chartered Member of IOSH,
NEBOSH Diploma in OSH,

you can **rely** on my solid academic
grounding, broad experience, practical skills
and a history of success

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Communication

Jon Harper-Slade

We first time met in Auckland NZ in 2016
and shared about every details in tunneling
safety in UK, HK and NZ.

We chatted for about 1 hour about accident
prevention but looks like we knowing each
other for over 10 years.

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Communication

Successful communication is vital in
accident prevention



Collaboration



Collaboration

Drawing the OSH professionals' expertise, experience, skills and networks to develop and work with organizations and business to move forward together.

In return, safety practitioners will benefit when their business expanding.

Collaboration

A successful business model between railway and property development:-

Building a railway to remote land for property development

When more people moving in, the railway will increase its frequency;

When railway frequency increases, more people moving in.

Both railway and property is in a win win situation



Collaboration

Collaboration in OSH can be:-
OSH research and development projects;
Innovations in OSH;
Accident data collection and sharing;
Learning from bitter experience and prevent its re-occurrence.



Collaboration

With other Stakeholders / Academics

With other Government Departments

With other Departments within a
Company

With other Professions in a
Construction Project

With other Team of Workers



Consultation



Consultation

Safety Practitioners can support by sharing expert opinions by joining various safety committees for consultation such as:-

HKCA, OSHC, CIC, HKIE, DevB, LD, LAB, HA, EMSD, Universities and Research, NGOs.

Active Consultation can helps in Accident Prevention



Consultation

The recent revision on COP for the Lighting, Signing and Guarding of Road Works is a result of successful consultation from the industry.

Other reviews are being conducted on Bamboo Scaffolds and Crane Lorries are in good progress.

Again, active consultations do contribute in accident prevention.



The Way Forward

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The Way Forward

Further enhancement in our competence in the field, CDM on everybody's safety responsibility is a good approach.

More resource is required in eliminating hazards at source, again, CDM approach.

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The Way Forward

In supporting CDM, more resource is required in enhancing the risk management programme;

More communication with our business leaders and influencing in OSH;

More supports to our 'future leaders' by introducing more mentoring programme

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The Way Forward

We have sufficient man-power for the OSH profession

We need to work hand-in-hand and supporting each other; clients, consultants, contractors, workers and safety practitioners are part of the team

To deliver the project on time, within budget and safe



Thank You

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