

OHlearning – The Development of an International Occupational Hygiene Training and Qualification Scheme

NVvA Symposium 2011

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A Bit of Background

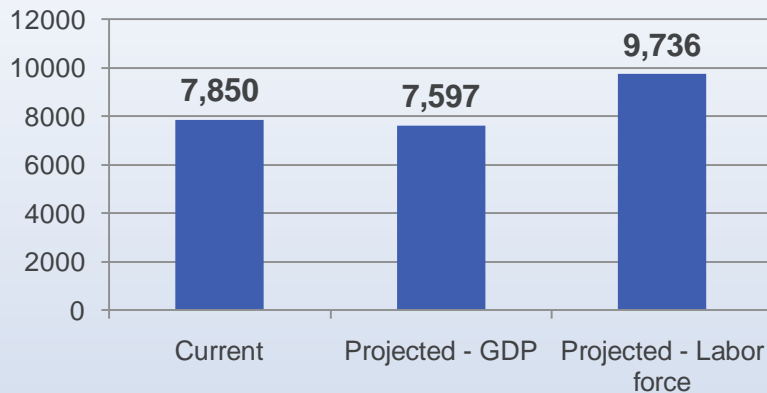
- Occupational hygiene capability
- Global demand
- Meeting that demand

Global Occupational Hygiene capability (IOHA)

- 27 Member Organizations
 - ~20,000 Members World-wide
 - 11 Recognized Certifications Programs
 - 7850 Certified Professionals (2009 data)
 - 352 Technical Certificate Holders (2009 data)
- 
- Australia
 - Canada
 - France
 - Italy
 - Netherlands
 - Norway
 - South Africa
 - Sweden
 - Switzerland
 - United Kingdom
 - United States

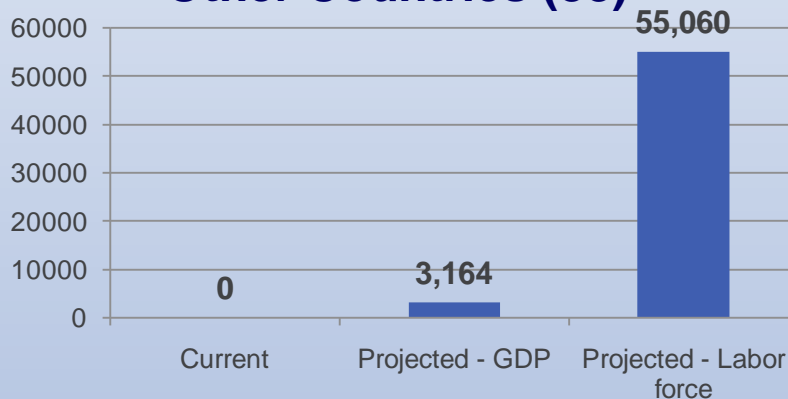
Global demand for Occupational Hygienists

IOHA Member Countries (27)



**Based on Labour Force
>55,000 Professionals
Needed (+ countless more at
intermediate and foundation
level)**

Other Countries (88)



***Based on GDP
>3,100 Professionals
Needed***

Meeting demand

- Opportunity for global occupational hygiene community to work together – sharing resource
- Simple common processes & business model
- Complement & build on existing IOHA NAR schemes with new intermediate qualification
- Globally transferable qualifications
- Run courses where & when needed
- Quality training materials

International Training & Qualifications

- Based on needs identified by international working group in 2006 for intermediate qualifications
- Original partners AIOH, BOHS, IOHA and industry
- Based on concept of BOHS modules
 - Updated to reflect international market
 - New syllabi, course materials and student assessment process

Stakeholders



...aim to benefit all stakeholders

Training

Academic modules

- Higher level study to IOHA NAR level
- Postgraduate International modules or may lead to masters degree

Intermediate modules

- Intermediate study based on practical aspects of occupational hygiene
- One module for each topic area

Principles module

- Basic study of occupational hygiene topics
- Covers the breadth of occupational hygiene at an introductory level

Qualifications

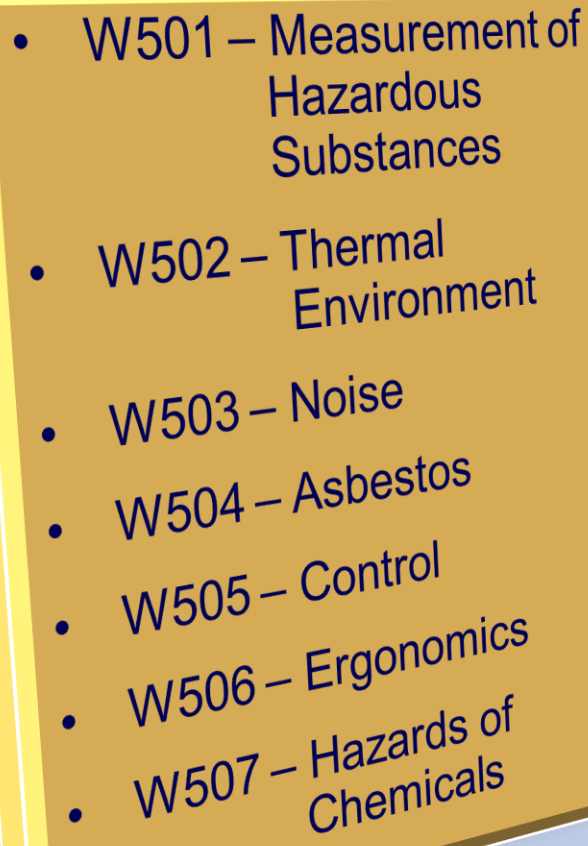
Advanced

Intermediate

Foundation

Occupational Hygiene Training levels

Intermediate Level Scheme

- 
- W501 – Measurement of Hazardous Substances
 - W502 – Thermal Environment
 - W503 – Noise
 - W504 – Asbestos
 - W505 – Control
 - W506 – Ergonomics
 - W507 – Hazards of Chemicals

- 5-day taught modules
- Interactive teaching methods questions, workshops and practical “hands-on” exercises
- International syllabus based on good hygiene practice
- Student assessment process
 - Open book exam
 - Practical exercise
 - Personal Learning Portfolio

Intermediate Level Certificate

Six Module
Examinations

A light blue downward-pointing arrow indicating the flow from the examinations to the portfolio.

Personal Learning
Portfolio

A light blue downward-pointing arrow indicating the flow from the portfolio to the interview.

Certificate Interview

PLP

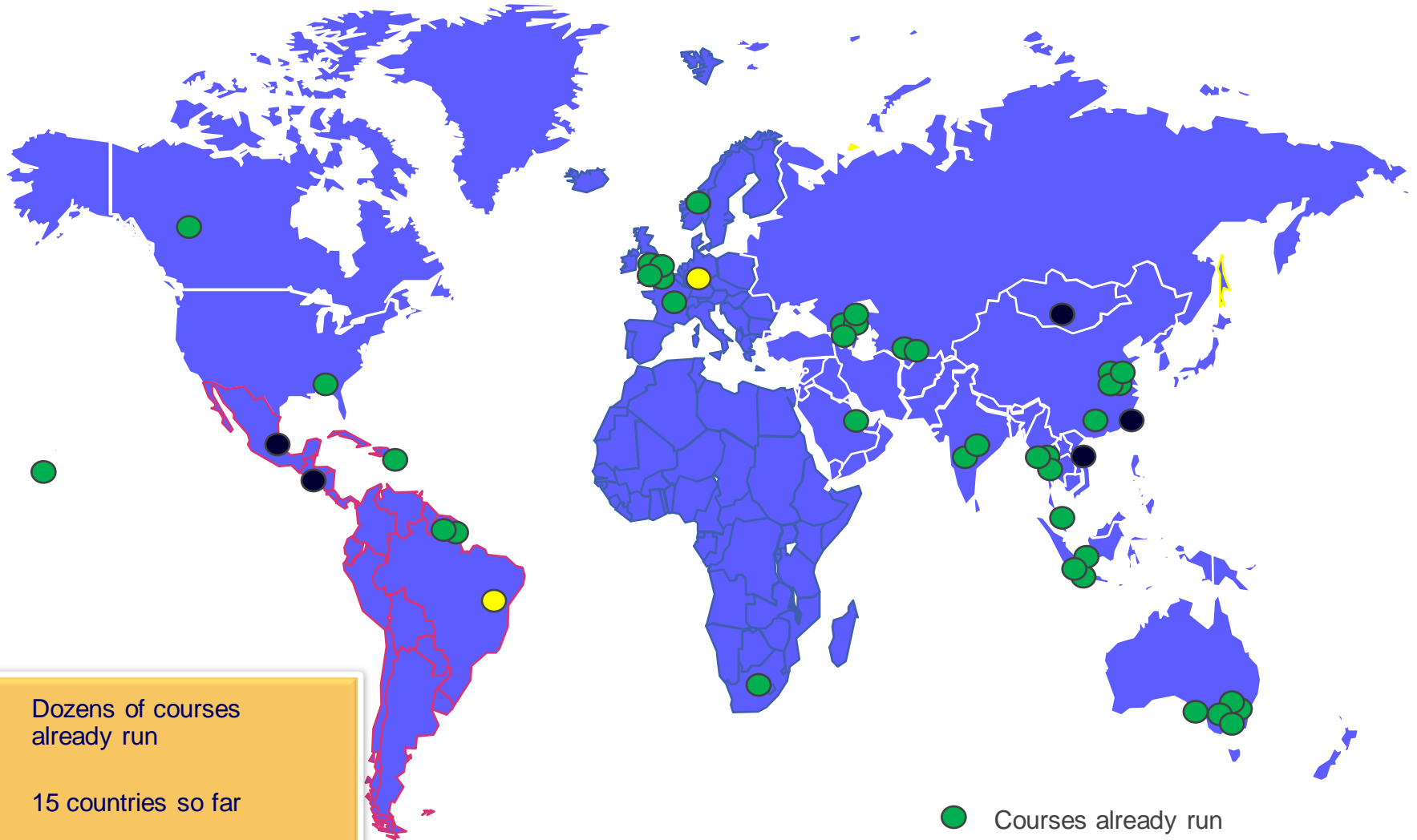
- Learning through experience
- A record of experience and reflection upon that experience
- Examples of reports showing practical application

Interview

- Carried by a trained and qualified hygienist – preferably in collaboration with local organisations
- On-line interviews for candidates in remote locations
- Reviews the PLP and explores the candidates knowledge and experience

The story so far

May 2010 – April 2011



- Dozens of courses already run
- 15 countries so far
- 33 approved training providers

At a National Level

- UK – BOHS is adopting OHTA modules to replace current Certificate level modules
- Australia – AIOH has adopted W201 Basic Principles of Occupational Hygiene to replace the AIOH Fundamentals course

At a National Level

- Singapore – WDA is negotiating to adopt OHTA modules as part of the national training standard for OH and wishes to issue joint OHTA / WDA certificates
- South Africa – SAIOH is adopting OHTA modules as the national qualification standard

Universities

- University of Wollongong (Australia) has integrated OHTA modules into their MSc in Occupational Hygiene
- University of Antofagasta (Chile) has adopted the University of Wollongong model for their MSc

Universities

- University of Illinois – Chicago (US) is integrating OHTA modules in their post graduate certificate in industrial hygiene
- University of Greenwich (UK) is integrating OHTA material in their BSc Occupational Safety, Health and Environment

Delivery of Material

- Ohlearning website – www.ohlearning.com
- Provides a portal for all OHTA information
 - Information on occupational hygiene
 - Approved training providers
 - Courses
 - Course materials
 - A feedback forum

Occupational Hygiene learning

Welcome to the online hub for professional education in Occupational Hygiene.

Here can you find training materials, learn how to become qualified in Occupational Hygiene or develop your career alongside an international community.

Learn more about OH



Learn more about OH training



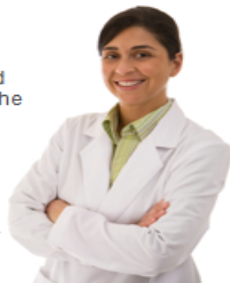
Learn more about OH qualifications



Careers in OH

OH offers a challenging and rewarding career involving the use of science and engineering to improve people's health around the world.

Learn about job roles >



The OH Training Association

We promote learning in Occupational Hygiene with a framework of global training materials and qualifications.

How we operate >

Supported by



About IOHA >



1 learn about
protecting the health
of people at work

2 find training
materials and
events in your area

3 join a community
of occupational
hygiene professionals

Recent Activity



March 2011 Journal of Occupational and Environmental Hygiene now available

Content list and abstracts available online

05:07
17 MAR



Annals of Occupational Hygiene vol 55 number 3 now available

Contents list and links to free abstracts

04:57
17 MAR



W201 Basic Principles in Occupational Hygiene

07:16
23 MAR



JOEH Volume 8 Issue 4 2011 Assessing Maintenance of Evaporative Cooling Systems in Legionellosis ...

04:32
17 MAR



Copy of new OHTA brochure posted

02:35
28 FEB



W507 Health Effects of Hazardous Substances

03:35
22 APR

Featured training providers

Resource Environmental Associates Ltd

United Kingdom

Airborne Environmental Consultants Limited

United Kingdom

All providers >

Your National Association



British Occupational Hygiene Society
Working for a healthier workplace

All National Associations >

Our sponsors



recent activity



news



training materials



twitter



event



community

Future Developments

- Introductory course
- Advanced level courses
- Professional Diploma?
- Executive level courses

Advanced Level Courses

- Industry specific courses
 - Oil and gas
 - Mining
 - Pharmaceuticals
 - Others?
- OH management
- Research methods for OH
- Statistics and epidemiology
- Others?

The Future

- More national associations join as partner organisations
- More courses delivered in developing countries
- Material translated into more languages
- New courses developed to meet new issues
- A comprehensive international professional level qualification scheme developed

Acknowledgments

- Supporters:

IOHA

AIOH

BOHS

AIHA

- Sponsors:

SKC

3M

Questions

