



UNECE



ILAC/IAF and the UN's Sustainable Development Goals

Jon Murthy



Standards and accreditation

- 63 signatories to the IAF MLA, representing (58 economies)
- 91 signatories to the ILAC MRA from 95 economies
- Covering:
 - 6,681 accredited certification bodies
 - 57,000 accredited laboratories
 - 8,800 accredited inspection bodies
- Accreditation standards can be mapped to the SDGs
- Trade facilitation and SDGs underpin many of ILAC and IAF strategic objectives



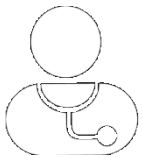


SUSTAINABLE DEVELOPMENT GOALS

1 NO POVERTY 	2 ZERO HUNGER 	3 GOOD HEALTH AND WELL-BEING 	4 QUALITY EDUCATION 	5 GENDER EQUALITY 	6 CLEAN WATER AND SANITATION
7 AFFORDABLE AND CLEAN ENERGY 	8 DECENT WORK AND ECONOMIC GROWTH 	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE 	10 REDUCED INEQUALITIES 	11 SUSTAINABLE CITIES AND COMMUNITIES 	12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION 	14 LIFE BELOW WATER 	15 LIFE ON LAND 	16 PEACE, JUSTICE AND STRONG INSTITUTIONS 	17 PARTNERSHIPS FOR THE GOALS 	



3 GOOD HEALTH AND WELL-BEING

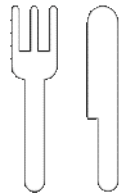


- Medical Laboratories (ISO 15189)
- Point of care testing providers (ISO 22870)
- Medical devices (ISO 13485)
- Dental Providers (ISO/IEC 17065)
- Medical Physics and clinical engineering (BS 70000)
- Imaging services (ISO 15189)

6 CLEAN WATER AND SANITATION



- Testing Laboratories (ISO/IEC 17025)
- Certification schemes (ISO/IEC 17021)
- Food Inspection (ISO/IEC 17020)



- Testing and calibration laboratories (ISO/IEC 17025)
- Safety Inspection (ISO/IEC 17020)
- Certification schemes (ISO/IEC 17021)



- Testing laboratories (ISO/IEC 17025)
- Plant Inspection (ISO/IEC 17020)
- Certification schemes (ISO/IEC 17021)



Testing of gas,
fuel, oils

Renewable energy

Safety inspection of
energy installations

Energy efficiency
certification

- Testing Laboratories (ISO/IEC 17025)
- Safety Inspection (ISO/IEC 17020)
- Energy Management System Certification (ISO 50001)
- Nuclear Supply Chain (ISO 19443)



To encourage greater adoption



For Government and Regulators

- Public Sector Assurance – a website to share how regulators are applying standards and accreditation to meet policy objectives
- Over 250 case studies





To encourage greater adoption

For example:



The Japanese Government relies on accredited testing and certification of renewable energy products to provide confidence in the market.



The US ENERGY STAR and WaterSense programs rely on test data from accredited laboratories.



The UK HSE is working with Accreditation to develop new accreditation for inspection bodies that work in the nuclear industry.



To encourage greater adoption

For the business community (www.business-benefits.org)

- A website to showcase the tangible benefits of using standards and accreditation
- Over 60 examples



To encourage greater adoption

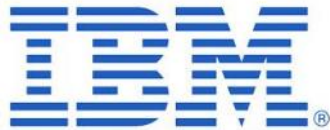
For example:



LG Chem saves \$9.4m with ISO 50001



Chrysler saves over \$2m with accredited certification (ISO 50001)



IBM plant cuts energy consumption by 9.2% and saves CAD\$550,000 per year with accredited EnMS



To encourage greater adoption



- In October, IAF agreed to establish a global register of Management System Certificates.
 - To support purchasers
 - Greater visibility and value for certified clients



Further information

www.ilac.org

www.iaf.nu

www.publicsectorassurance.org

www.business-benefits.org

