



International Accreditation Forum

Global Clean Hydrogen Market – Harmonization of Measuring, Reporting, Verification, and Accreditation



Ann Howard, International Accreditation Forum (IAF)

International Accreditation Forum

The aim of IAF is to develop a worldwide accreditation program that ensures the equivalency of accreditation schemes offered by the IAF members. IAF defines and promotes application documents and provisions for national accreditation bodies while providing oversight of IAF members' accreditation schemes.

As of November 2023, IAF membership totals 124, out of which 97 are Accreditation Body (AB) Members, 27 are Association Members, and six are Regional Accreditation Group Members: AFRAC (African Accreditation Cooperation), ARAC (Arab Accreditation Cooperation), EA (European Cooperation for Accreditation), IAAC (Inter American Accreditation Cooperation), APAC (Asia Pacific Accreditation Cooperation Incorporated), and SADCA (Southern African Development Community in Accreditation). Several other membership applications are in progress.

IAF and ILAC: Global Vision



VISION:

Accredited once accepted everywhere

MISSION:

To be the global solution for the national, regional and international demonstration of equivalence of reliable results from testing, calibration, inspection and related activities in both voluntary and mandatory fields/sectors.



VISION:

IAF, along with ILAC, to be preferred partners for worldwide recognition of accredited conformity assessment results that meet the market, regulatory and public needs.

MISSION:

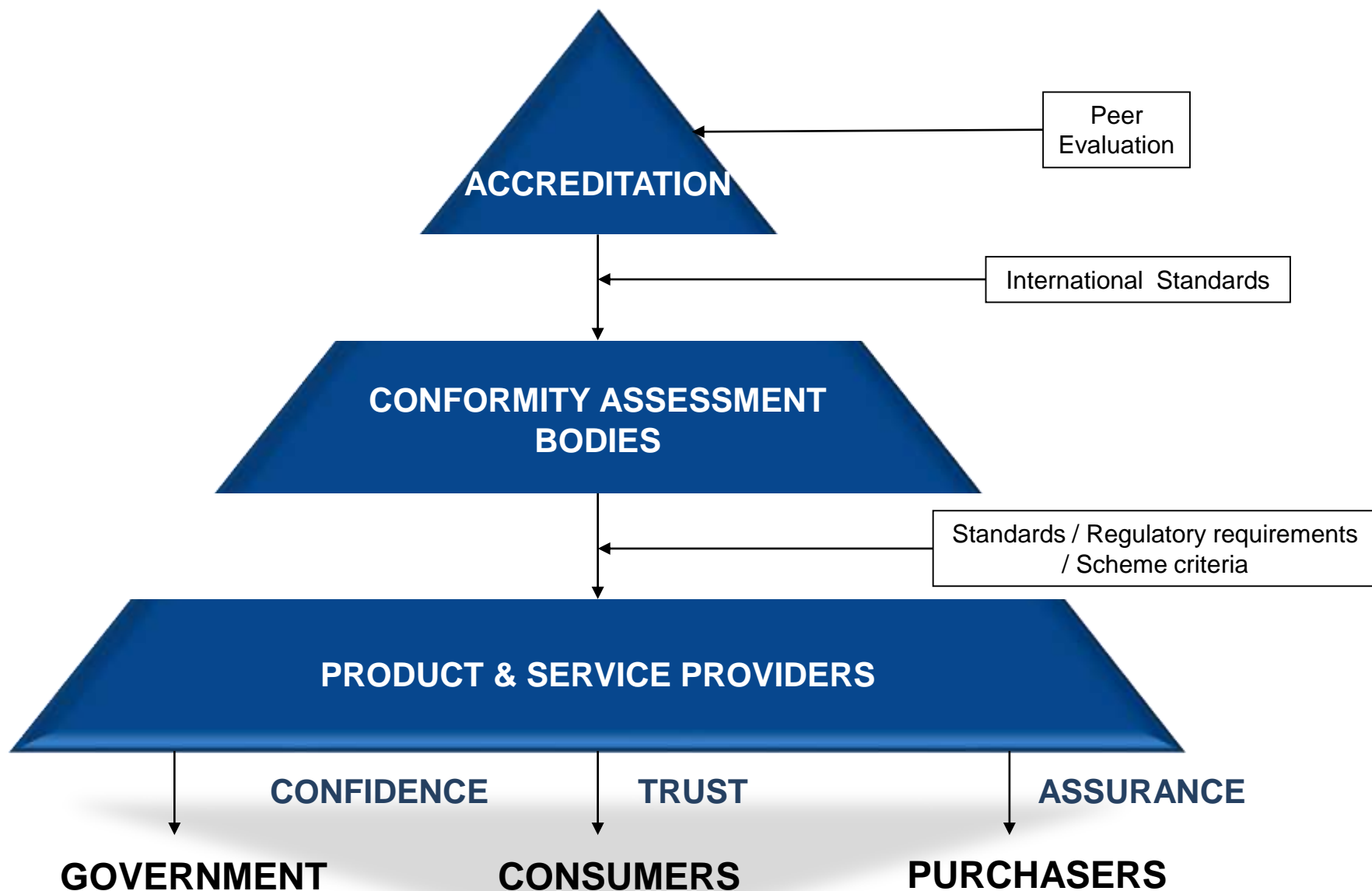
Facilitate trade, support regulators, protect consumers and the environment, and facilitate sustainable development by operating a worldwide mutual recognition arrangement among accreditation bodies in order that the results issued by conformity assessment bodies accredited by IAF members are accepted globally.



IAF and ILAC – Joint Global Vision

- A single programme of conformity assessment which reduces risk for businesses, regulators and the consumer by ensuring that accredited services can be relied upon
- Government and regulators relying on the Arrangements to further develop or enhance trade agreements
- To support world trade by eliminating technical barriers, realising the free-trade goal of '*tested, inspected, validated, verified or certified once and accepted everywhere*'





WTO TBT and Accreditation

Article 6: Recognition of Conformity Assessment by Central Government Bodies

https://www.wto.org/english/docs_e/legal_e/17-tbt_e.htm#articleVI

https://www.wto.org/english/res_e/publications_e/ai17_e/tbt_art6_oth.pdf

Article 9 of the World Trade Organization's Agreement on Technical Barriers to Trade — the TBT Agreement — requires that members, wherever practicable, formulate and adopt international systems of conformity assessment where a positive assurance of conformity with a technical regulation or standard is required. Article 6 of the agreement specifically recognizes accreditation as a means for realizing positive assurance:

“6.1.1 adequate and enduring technical competence of the relevant conformity assessment bodies in the exporting Member, so that confidence in the continued reliability of their conformity assessment results can exist; in this regard, verified compliance, for instance through accreditation, with relevant guides or recommendations issued by international standardizing bodies shall be taken into account as an indication of adequate technical competence.”

The TBT Committee has recognized that the IAF MLA is designed to facilitate acceptance of verification/certification results across countries/economies and that acceptance of these results facilitates trade.

The IAF and ILAC Arrangement

Accreditation body members deemed competent through a peer evaluation process

- ISO/IEC 17011
- IAF-ILAC 'A Series' documents

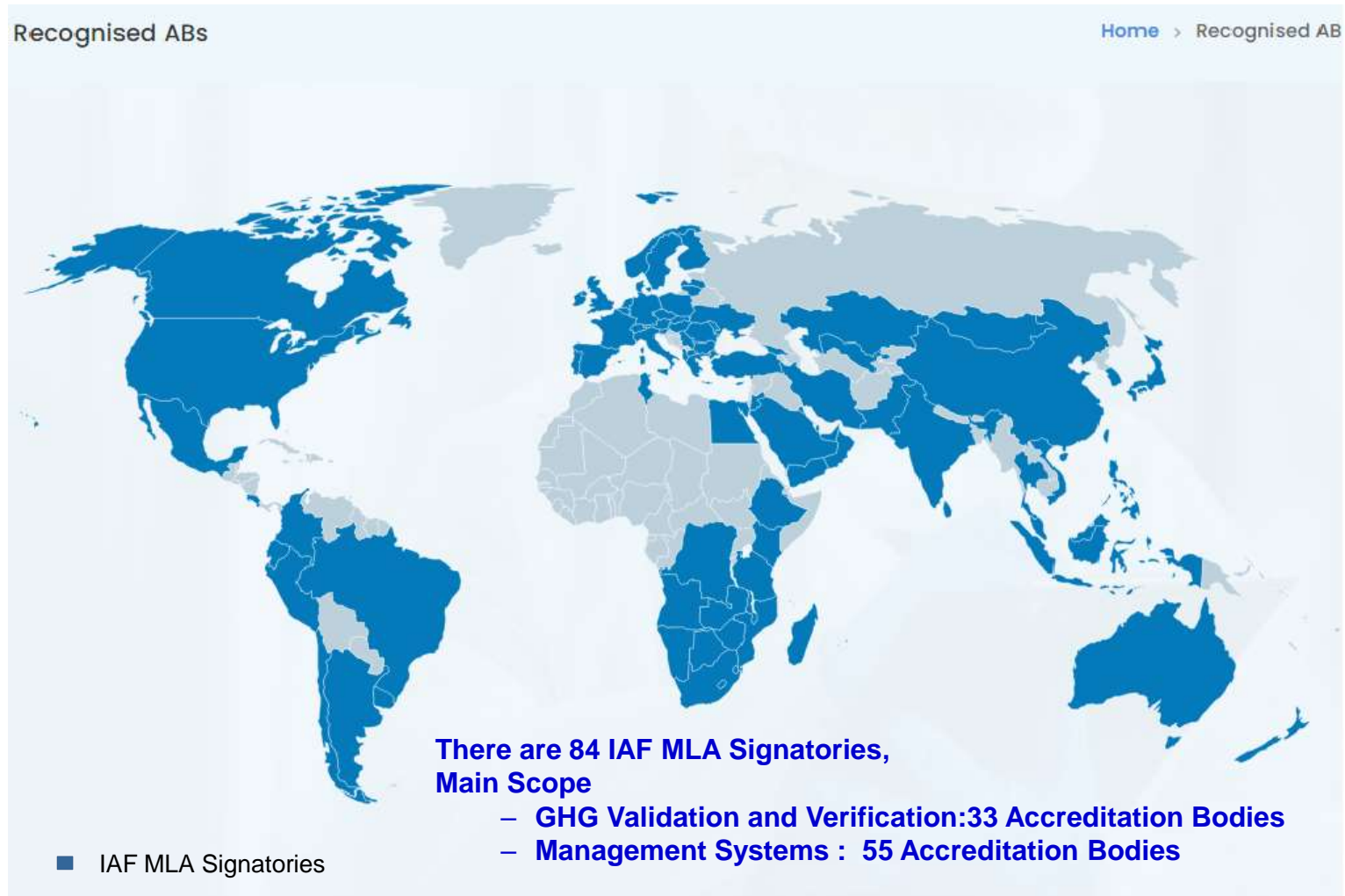
Signatories recognise certificates, reports and results issued by organisations accredited by other signatories

Provides businesses with assurance that overseas bodies operate to the same standard

Removes technical barriers to trade by eliminating redundant conformity assessment



Coverage of the IAF MLA for ISO14065 (October 2023)





Global use of ISO 14065

Summary

- IAF is supporting developed and developing countries to establish an accreditation infrastructure to support green hydrogen certification and verification.
- IAF is committed to develop a harmonized global approach for the accreditation of green hydrogen certifiers and verifiers through its Multilateral Recognition Arrangement (MLAs).
- The IAF MLA can help to support organizations and products to achieve consistency in green hydrogen certification and GHG verification towards reducing technical barriers to trade and avoiding the need for duplicate conformity assessment.