

Some basic definitions of terminologies used in the webinar

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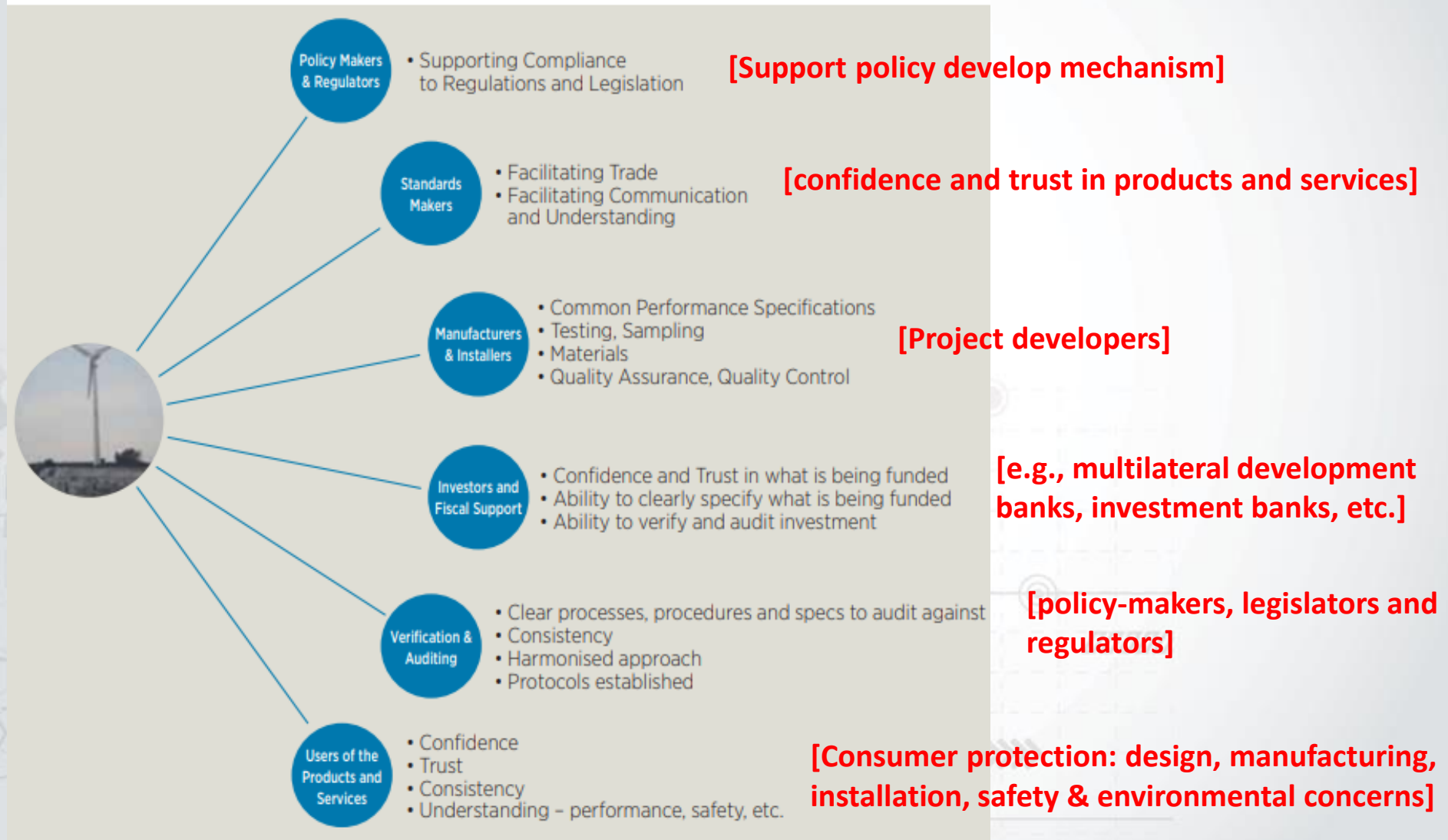
TOPIC: Hydrogen, Regulations, Standards, Codes and Certifications
23 March 2022 [10h00 – 12h00], Webinar



Understanding safety, codes and standards

- **Standards:** are “repeatable, harmonised, agreed and documented way of doing something”.
- **Codes** are a system of rules that are legally binding by government.
 - The difference between a standard and a code is that a code will tell one “what one needs to do”, while a standard will elaborate on “how one should do it”.
- **Regulations:** ‘Imposition of rules by government’ that are needed to enable the safety of hydrogen and fuel cell systems and to facilitate the use of hydrogen as a fuel.

Why are standards important?



Who is responsible for standards making?

Levels of Standards-making bodies

- **International standards:** Global e.g., International Organization for Standardization (ISO)– (164 Members) etc.
- **Regional standards:** Europe, African Continent, Asia Pacific, Euroasia, Americas, Middle East
- **National standards:** National standards bodies (South African Bureau of Standards)
- **Organisation's standards:** e.g., Eskom, Sasol etc.



THANK YOU