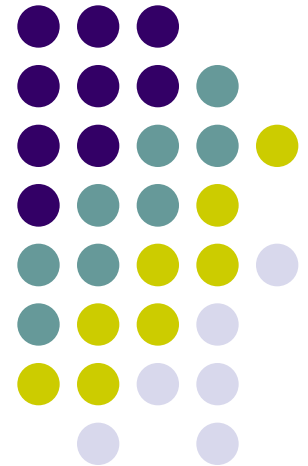


# From Sustainable Construction to Sustainable Procurement: The Past and Future of ISO's Sustainability Standards

**HKQAA Symposium 2017**

Dr Nigel H Croft



# UN 2030 Sustainable Development Goals



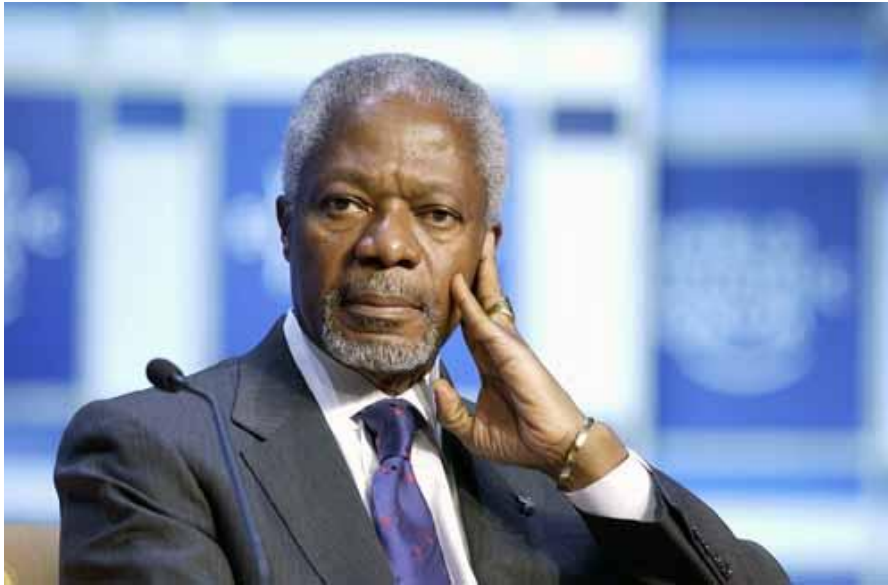
In Nov 2015, World Leaders committed to 17 Global Goals to achieve 3 extraordinary things in the next 15 years.

**End extreme poverty.  
Fight inequality & injustice.  
Fix climate change.**

The Global Goals for sustainable development could get these things done. In all countries. For all people.

<https://sustainabledevelopment.un.org/?menu=1300>





**Nobel Peace Prize 2001**

- “ISO standards are crucial to sustainable development as they are key source of technological know how”

*Kofi Annan,*

*ISO General Assembly, sept. 2004*

# The role of Standards in the context of Sustainable Development Goals

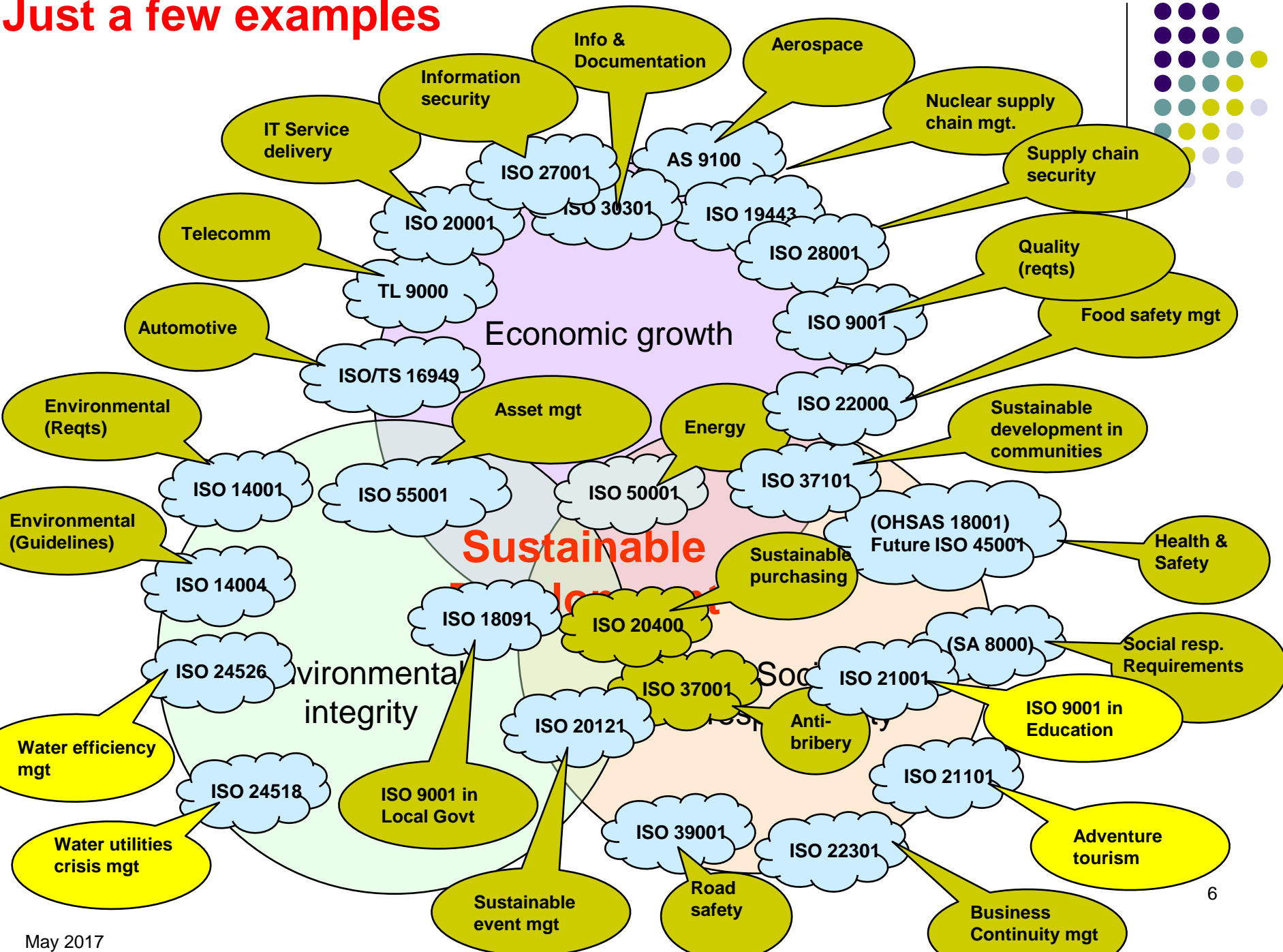


## Joint UNIDO, IEC, ISO and ITU (World Standards Cooperation) brochure highlights

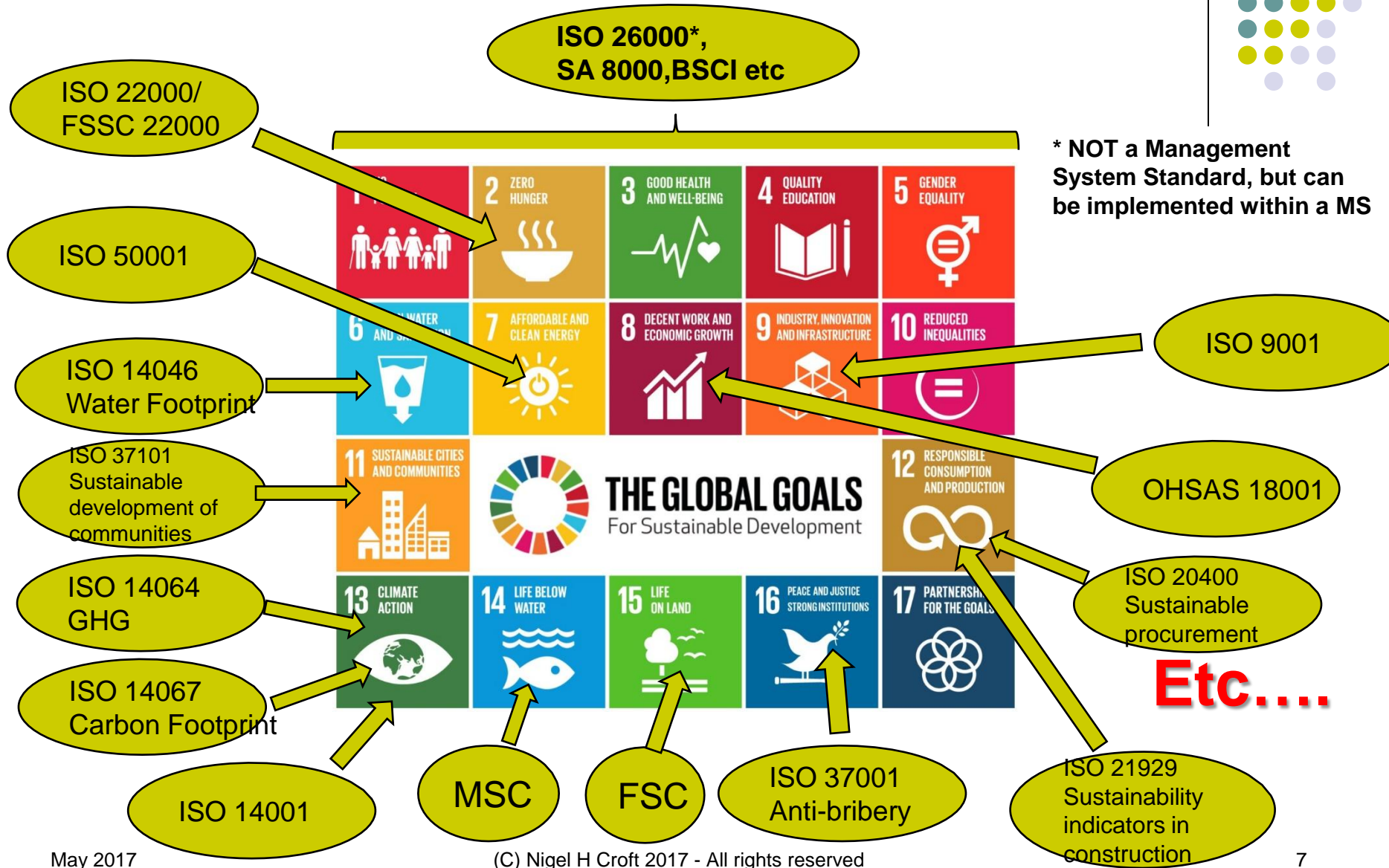
- Goals of Standards
- Development of standards
- How standards can support achieving the 2030 development agenda
- How international standards can support the implementation of specific SDGs

[https://www.unido.org/fileadmin/user\\_media\\_upgrade/What\\_we\\_do/Topics/Quality\\_and\\_compliance/SDG\\_Standards\\_2.pdf](https://www.unido.org/fileadmin/user_media_upgrade/What_we_do/Topics/Quality_and_compliance/SDG_Standards_2.pdf)

# Just a few examples



# Some standards and certification schemes.....



# Some of the standards in the ISO 50000 series

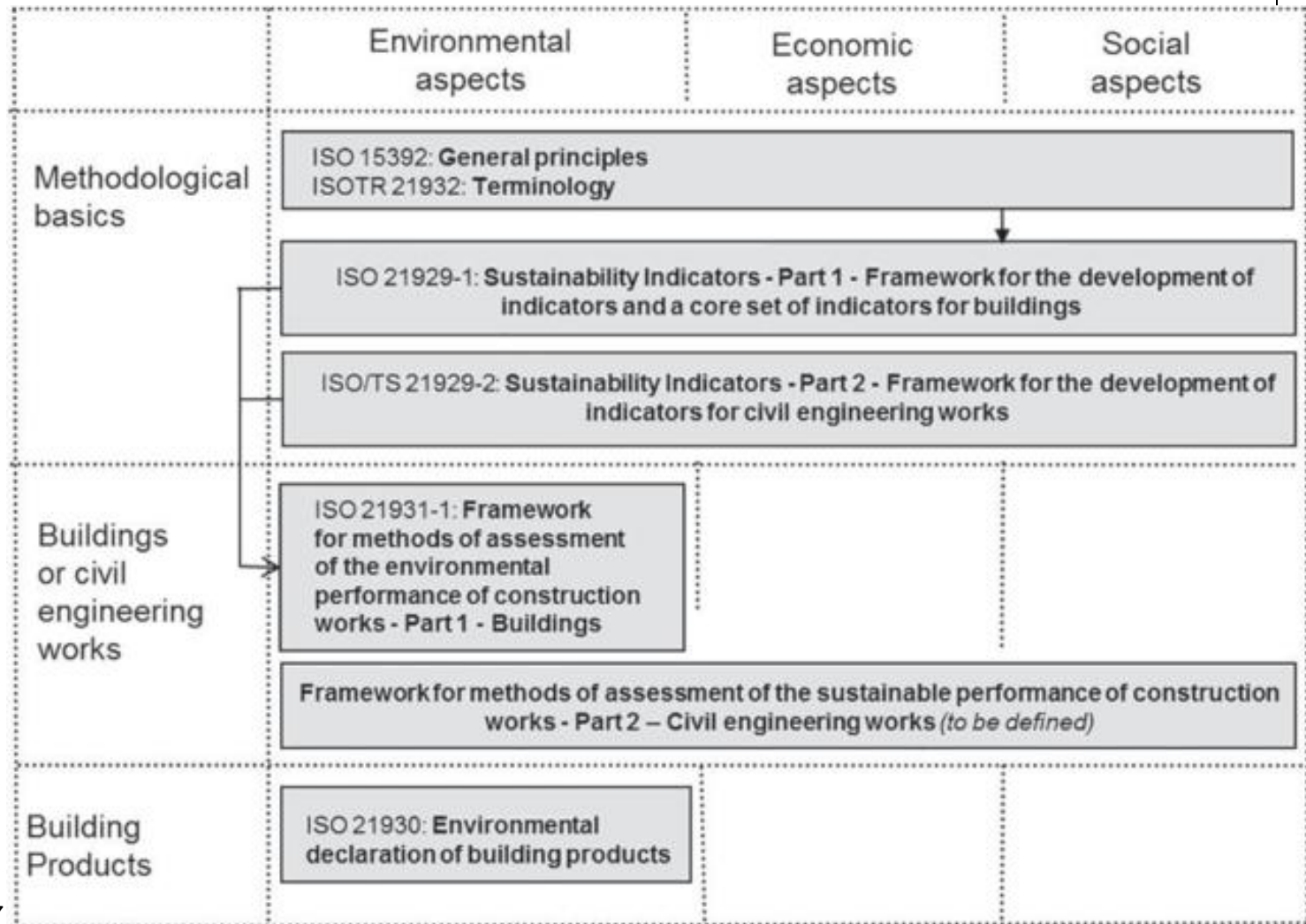


- **ISO 50001** Energy management systems -- Requirements with guidance for use
- **ISO 50002** Energy audits -- Requirements with guidance for use
- **ISO 50003** Requirements for bodies providing audit and certification
- **ISO 50004** Guidance for implementation, maintenance and improvement of an energy management system
- **ISO 50006** Measuring energy performance using energy baselines (EnB) and energy performance indicators (EnPI) -- General principles and guidance

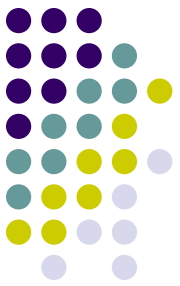




# Sustainable construction.....



# Integrating the ISO 26000 core concepts into purchasing



Social responsibility: **7** core subjects



# ISO 20400 Guidance on Sustainable Procurement



**“procurement that has the most positive environmental, social and economic impacts possible over the entire life cycle”**

Based on ISO 26000 – Social Responsibility Guidance

1) Scope      2) Normative References      3) Terms and Definitions

4) Fundamentals      (Concepts; principles; core subjects & drivers)

5) Policy & Strategy      (Commitment; accountability; alignment; policies & implementation)

6) Enablers      (Governance; enabling people; identifying & engaging Stakeholders; setting principles; measuring & improving performance)

7) Procurement Process      (Building on existing process; planning; building sustainability into specs; selecting suppliers; managing contracts; learning)

# Conclusions



- ISO has a whole range of standards to support sustainable development:
  - Quality
  - Environment
  - Health & Safety
  - Energy
  - Corporate responsibility
  - Sustainable construction
  - Sustainable purchasing
  - Etc
- Use the standards wisely, and they can help to promote HK's sustainability initiatives

# THANK YOU!

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