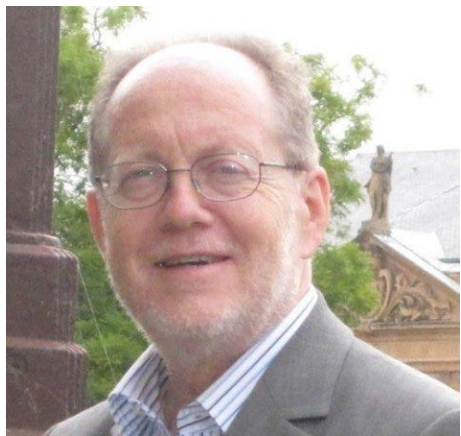


# Industry and normalisation



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**PECC Sustainable Development and Circular Economy  
Seminars**

**Smart cities and Trade**

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# We will cover

**What is normalisation?**

**How does it work?**

**Challenges of normalisation for industry...**

**.... and for policy makers**

**Concluding thoughts**

# What is normalisation?

**Reference documents**

**Consensus of all concerned parties, including industry and consumer organisations**

**Voluntary compliance (with exceptions)**

# How does normalisation work ?

**3 main bodies internationally:**

**ISO (International Organisation for Standardisation) - general**

**IEC (International Electrotechnical Commission)**

**ITU (International Telecommunication Union)**

**Groups of experts with field work experience. Also consumers.**

**ISO only = more than 250 technical committees**

# Industry and normalisation – a quality relationship

**A long standing relationship**

**A strategic tool for**

**.Wider market reach**

**.Productivity savings**

**.Technological developments and innovation**

**Alternative? A production designed on one's own specific standard?**

# Industry and normalisation – a challenge

**Technical norms for products and services  
... relatively easy for industry to incorporate in  
production ...**

**What about more general norms re processes  
?**

# Example - Sustainable cities and communities

**Many concepts: Sustainable city.... Smart city....  
Green city....**

**An example of ISO work : Norm ISO 37101:2016:  
Sustainable development in communities --  
Management system for sustainable development**

**A management norm**

**About implementation of strategies**

**Not technical targets**

**Is it enough for green concepts to prosper?**

**Is it an industry issue?**

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## Example 2 : mining

**Yesterday .... norming products**

**Now ... social expectations, local participation, ... major issues for fair competition**

**Sustainable, Responsible, Green .... many concepts around**

- › Initiative for a Responsible Mining Development, of the World Economic Forum
- › Framework for responsible mining
- › World Bank Extractive Industry Good practice notes
- › Sustainable Development indicators in the Mineral Industry
- › And more

**ISO works norm ISO 26000 guidelines**



# Concluding thoughts

**Norms and industry ... a natural fit for products**

**Norms on processes ... need for inputs beyond industry reach at the Int'l level**

**Participate in the normalisation process!**

**Sincere thanks for your  
attention!**

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