

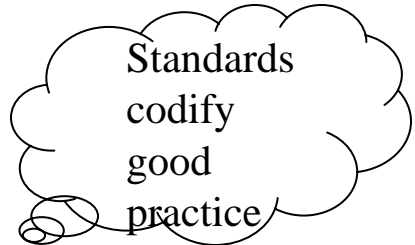
Standards and Sustainable Development

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Metrics

Why reinvent the wheel?

- Regulations
- Government
- Contracts

Codes and Standards

Terminology

Drivers

suppliers

Goals

SUSTAINABLE DEVELOPMENT

What is an appropriate strategy?

Can we agree?

Benchmarking

Conformity Assessment

Education

- Current professionals
- Future professionals
- Public
- Decision makers

Are we making progress?

Role of professions

Overview

- Many things we could talk about!
- My focus will be on
 - education and outreach
 - E learning
 - Collaboration

Education

- Educate on standards and conformity assessment
 - Relatively little attention in e.g. engineering schools in the U.S.
- Sustainable development
 - Same situation
- Connection between standards and sustainable development
 - ?

Education on Sustainable Development

- Not a primary responsibility of the standards community
- Facilitation is
- For example ANSI's support of USEPA P³ Competition
- Strategy?

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Student Design Competition Highlights People, Prosperity and the Planet

Standards community support requested for sustainable design contest

New York February 18, 2004



is a national student design competition that will provide grants to teams of college students to research, develop and design sustainable solutions to environmental challenges.

"The 'P3 Award' competition highlights people, prosperity, and the planet – the three pillars of sustainability – as the next step beyond 'P2' or 'pollution prevention'," explains Dr. Julie Zimmerman of the EPA Office of Research and Development. Dr. Mary McKiel, EPA standards executive and vice-chairman of the American National Standards Institute (ANSI) continues, "The P3 program brings together public and private sector partners to respond to the scientific and technical needs of the developed and developing world in moving toward sustainability."

The competition was launched in January 2004 and is open to teams of

A partnership project between the U.S. standards community and public-sector interests combines a global focus on sustainability with the standards community's interest in reaching out to institutions of higher learning. Launched by the U.S. Environmental Protection Agency (EPA) in conjunction with more than 30 partners, the "P3 Award"

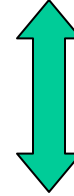
Education on Standards and Conformity Assessment

- Primary responsibility of standards community
- Should, in my view, be a strategic priority
- Strategy
 - Collaboration
 - Leverage strengths
 -

Making the Connection

- Primary responsibility of standards community
- Partners
 - Other standards organization
 - Industry
 - Government
 - NGO's
 - Universities

Sustainable
Development



Standards &
Conformity
Assessment

Opportunities to Work Together

- Many standards organizations working on education and outreach
- Some University efforts in this area e.g.
 - Helmut Schmidt University and Erasmus University
 - Catholic University
- Leverage E Learning
 - Standards organization
 - Universities



Welcome to our new Webs

Welcome to the e-learning platform of the Department of Standardization and Technical Drawing.

Pro-NorM® offers an e-learning platform for web-based teaching and learning, as well as information gathering and working within the subjects of - Standardization in Enterprises and Markets - and Technical Drawing and Descriptive Geometry. If you have an account, you can use the [direct entry](#) here. This will take you to your personal desk on the e-learning platform. The [public section](#) is accessible to everybody at no charge and without any need for a user login.

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Univ. Prof. Dr.-Ing. Wilfried Hesser



ILIAS

[Project](#) | [Project Management](#) | [Project Schedule](#) | [Events](#) | [News](#) | [Contact](#) | [Sitemap](#)

[Project Fact Sheet](#) | [EU Asia Link at HSU HH](#) | [Objectives](#) | [Summary](#) | [Photos](#)

Project Fact Sheet

Development of a Curriculum for Standardization in Companies and Markets

PROJECT FACT SHEET

Project Management

Helmut Schmidt Universität, Universität der Bundeswehr Hamburg

Partners

China JiLiang University- China
Institute of Technology Bandung - Indonesia
University of Moratuwa - Sri Lanka
Erasmus University Rotterdam- Netherlands
National Economics University - Vietnam

Project Abstract

The aim of the project is to promote the European Standardisation System by developing a curriculum for "Standardisation in companies and markets" at the Asian partner institutions. The programme targets students of various existing Masters' programmes, and takes into account the special requirements of Asian countries.



Welcome to www.StandardsLearn.org

The Portal to Online Standards and Conformity Assessment Education Sponsored by the American National Standards Institute (ANSI)

(This site is optimized for screen resolution 1024 x 768)

About www.StandardsLearn.org

Since its launch in 2002, www.StandardsLearn.org has become the premier online resource for public information e-learning programs that help to raise the awareness of standards and conformity assessment programs. Content on this site highlights the value and importance of participation in the national and international standards development process.

This site is intended to serve as a gateway to an engaging and stimulating online learning experience for all those who want and need general standards-related education.



Courses

ANSI is committed to bringing e-learning options to the standards community and general public. Courses are free and provided as a public service of the American National Standards Institute (ANSI).

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Needs/Opportunities/Strategy

- Modules the address connections between standards and sustainable development
- Case histories
- Partners
- Collaborations

Summary

- Education and outreach a strategic priority
- Defining linkages between standards and sustainable development
- Identification of partners
- Promoting collaboration