

Joint ITU-GISFI-DS-CTIF Standards Education Workshop

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Brainstorming using 5W+H: Academic Course Structure on Standardization

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Why Standards?

- Need for Standards
 - From Innovation to Global Marketplace
 - Leveraging Intellectual Property
 - Platform for further innovations
- Standards and Regulations
- Standards and WTO
- Economies of scale
(small piece of a big pie better than big piece of a small pie)

What Standards?

- What should be behind a course on Standardization? Tools, methods, history, challenges, culture...?
- What is the industry view on that?

For the University innovations:

- Standardized product (hence competition) or differentiation?
- What to standardize?

When Standards?

- Part of Innovation strategy (a-priori) or decide later (a-posteriori)
- Protection of Intellectual Property
- Cost (and time) implications
- Expertise in standardization

Where Standards?

- Collaborate to compete later!
- Proprietary, consortia, or public?
- Standards types
(“Open”, “de-jure”, “de-facto”, ..., ...)
- SDO types and globalization of results
(International, regional, fora, consortia, ...)
- A new “standards” body?

Who Standards?

- Who would be interested and why?
- Role of different Stake-holders
- EU uniqueness for “Directives”
- Role of governments in e-everything (e-govmt, e-edu, e-health, e-xxx, ...)
- WTO, WHO, ...
- As Standard USER or PARTICIPANT?
(Standards are never “neutral”: They reflect economic interests of participants!)

How Standards in Academia?

- Formal course material? Workshops?
- SDO materials on “how to”?
- Some actual participation in SDOs?
- Together with spin-off SMEs?
- How can international differences in curricula be covered?

(It is already difficult in Europe, let alone worldwide).

Conclusions and Recommendations

- Results of this brainstorming session!