Task Team C - Sustainability

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Objective:

Develop a plan for "sustainability" for the PBMD, addressing such questions as:

- What is the expected lifespan for such an instrument, overall?

    o Will the information distilled from PBCore records, or translated via PBCore be the same information we need in 5 or 10 or 20 years?

    o What changes in the environment might cause it to change? New business models? New delivery platforms?

- In what form(s) would the instrument need to be expressed and held, in order to be useful?

    o As one or more ISO 11179 application profile(s) available on the web?

    o Saved in one or more online registries? Our own or someone else's?

    o Offered within templates (sample GUIs) for various users?

    o Offered with XML DTDs for each element?

    o With maps to other standards offered online? (Or maps to data tables in various PB software? Useful?)

- What activities might be required to maintain the instrument so that it fulfills its intended purpose during its useful lifespan?

    o Judging by similar standards, how frequently might it need to be updated?
    o What is involved in an update? (Meetings, conference calls, tests, etc.?)
    o What is involved in creating the AP, templates, XML DTDs, maps to other standards, etc.?
    o Do we need to work with non-PB folks in a collaborative way?
    o Are there costs to users, including other entities, vendors, stations, etc. every time it's updated?

- What might these maintenance activities cost in financial, personnel or other terms? Are there ways to mitigate these costs with service bureaus, or online tools?

- Which individuals or organizations (new or existing) would need to be permanently involved in the maintenance process – to what degree and in what roles?

- What kind and degree of commitment to sustainability must be signaled, and by whom, before we continue development of the PBMD?

Recommended Activities:

Review other standards efforts and how they are presented online, recommend http://www.vraweb.org/vracore3.htm, http://www.imsglobal.org/metadata/index.cfm.

See ISO rules for a metadata application profile at: http://www.diffuse.org/meta.html#ISO11179. (Dictionary team already using this format.)

See SCHEMAS registry at http://www.schemas-forum.org/registry/.

See SMPTE's metadata registry site at http://www.smpte-ra.org/mdd/.

See sample templates for creating Dublin Core metadata records at http://dublincore.org/tools/.

See sample Dublin Core Application Profiles at http://www.ukoln.ac.uk/metadata/dcassist/.