

IEA DSM TCP Review

Samuel Thomas

IEA DSM ExCo meeting, Bergen

18th April 2018

Today's agenda item

Introduce the review

Provide some initial feedback from the review

Focus on governance

Options for the next phase of the review

Introducing the review

Review objectives

To provide the evidence base for decisions to be made at the next ExCo meeting on the future direction of the TCP.

To provide options and recommendations on both content and governance.

Review focus

Role and relevance of DSM to the IEA and identification of strategic foci over the next 5 years

Aims and Scope of activities (i.e. which topics to focus on)

Whether the DSM TCP should remain within the 'End Use: Electricity' theme or be moved to the 'Cross-cutting' theme

The relationship with other TCPs

ExCo Governance models

Task funding models

Phase I

April 2018

- Getting up to speed with the DSM TCP
- Interviews with key players (ExCo members, Operating Agents, IEA)
- Today's discussion
- Report capturing discussions in Bergen and in interviews.

Initial feedback on the
review

Feedback on the mission

- Some commonalities:
 - Focus on people, or the interaction between technology and people
 - Importance of electricity
 - Applicability of findings to policy making / regulatory development
- Some tensions:
 - Scope: electricity vs. whole energy system
 - Coherence: sharp focus vs. broader range
- Starting point and existing assets
- Need to avoid duplication; find sweet spot

Feedback on governance

- Member countries should be setting task strategies and not operating agents.
- Need all ExCo members to be engaged in the work
- Lack of formal procedures
- Have relied too much on the chair
- Real or perceived conflicts of interest

Focus on governance

Principles of good governance

- Independence
- Openness and transparency
- Accountability
- Integrity
- Clarity of purpose
- Effectiveness

Governance Case Study – IEA 4E TCP

Background:

- 12 countries + Eu Cion + SEAD (a CEM initiative / G20 task group)
- constituency of policy makers focussed on product and equipment regulation
- ExCo, runs its own projects, including Mapping and Benchmarking exercises
- 3 Annexes (Electric Motor Systems, Solid State Lighting and Electronic Devices & Networks) + 2 ex-Annex (Mapping & Benchmarking; and Stand-by Power)
- Connected Devices Alliance – forum for discussing issues with industry
- Cost-shared approach with €20k ExCo membership fee and fees of €15-22k per annex (2014)

Governance Case Study – IEA 4E TCP

Strong culture and management arrangements:

- clear understanding of the roles and responsibilities of ExCo and Annex members
- all work is driven, approved and signed off by the country members, at ExCo and Annex level
- ExCo is the hub: approves annex proposals; approves annex budgets & work plans each year; signs off publications; side meetings on projects; senior representation
- Mgmt Group (Chair, vice-chairs (2), annex leads (also country delegates) and OA, meets once a month between ExCos via teleconference
- each Annex has its own mgmt. committee and OA; participants meet up 4 times per year, twice in person, and at least once alongside the ExCo

Governance Case Study – IEA 4E TCP

Annex initiation and renewal:

- Lead member country proposes a new annex
- Secures viable support of sufficient other countries (min.2 but aim for all)
- Gains ExCo approval

Must demonstrate that the proposal:

- Has well-defined objectives & realistic deliverables best met through international collaboration
- Will address one or more barriers to improved energy efficiency or directly lead to significant improvement in energy efficiency
- Does not duplicate activities currently undertaken, or could be better achieved by, another organisation.

Documentation submitted to ExCo at least 30 days before ExCo and reviewed by Chair and OA in consultation with sponsor – review paper circulated to the ExCo before meeting

Governance Case Study – IEA 4E TCP

ExCo Project initiation:

- 3 types: M&B studies; exploratory / one-off research; work to support development of new annexes
- Lead country proposes a new project
- Lead country demonstrates some financial commitment, not including in-kind support (excl. M&B)
- Gain ExCo approval and release of funds

Must demonstrate that it:

- Has well-defined objectives & realistic deliverables best met through international collaboration
- Will address one or more barriers to improved energy efficiency or directly lead to significant improvement in energy efficiency
- Does not duplicate activities currently undertaken, or could be better achieved by, another organisation.

New annex development proposals must also demonstrate the ability of the proposed annex to meet the above criteria and commitment from other member countries to participate.

Governance Case Study – IEA 4E TCP

Annex management:

- Lead country nominated by vote of participants
- Annex decides on issues of membership, financial contributions, day-to-day running
- Annex Operating Manual, part of initial proposal, becomes part of legal text
- Progress report at each ExCo meeting
- No industry sponsors (although info sharing encouraged); other sponsors approved by ExCo and CERT
- Annual work plan and budget (including in-kind contributions) approved by ExCo; changes >€5k approved by ExCo

Governance Case Study – IEA 4E TCP

Role of ExCo operating agent:

- Classic secretariat role for the ExCo (setting up mtgs, making records, producing minutes)
- Looks after finances (budgeting, tracking, makes all payments to Annex OAs and other sub-contracted parties)
- Manages comms (drafts strategy for approval; drives adherence to strategy; oversees ExCo publications and usually edits these)
- Cost €90k, including ~1/3 FTE; travel; and payments to OA sub-contractors for graphics for reports etc.
- Competitions every 5 years for each OA, including ExCo OA, led by ExCo and Annexes
- Performance management meeting every 6 months – reports taken to ExCo for discussion

Options for Phase II

Phase II – Option A

May/June

- Review work of DSM TCP, assessing its relevance to the work of the IEA and international policy makers
- Interviews with wider group of stakeholders in the IEA and other TCPs
- Interviews with potential new participants: could include policy makers, regulators, utilities and researchers, to gauge interest in international collaboration on particular topics and willingness to participate and fund the DSM TCP
- Report back on findings, providing options and recommendations
- Investment: €20,700 (23 days @ €900/day)

Phase II – Option B

May-October

- Option A plus assisting the ExCo in implementing the findings ahead of the October ExCo meeting
- Exact nature of tasks will depend on the findings, but expected to include:
 - Producing revised draft Strategic Work Plan
 - Actively pursuing new ExCo members, including a Chair
 - Drafting new governance procedures
 - Report on implementation of findings
 - Wrap-up report following October ExCo meeting (by end October).
- Investment: 89 days @ €775 = €68 975 (rate reduced to reflect longer contract)

Thank you!