

**Task 43 Rating and Certification Roadmap Meeting
For Subtasks A and B**

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**Pretoria, SA in Conjunction with ISO/TC180
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Organization of Task

- Co-Operating Agents
 - Europe (Jan-Erik Nielsen)
 - US (Les Nelson)
- Subtask Leaders
 - Subtask A Collectors (Enric Mateu)
 - Subtask B Systems (Harald Drueck)

Task Objective

Leverage the knowledge from existing Tasks/Technical Committees/Certification Groups as a base for the development of work in this task, inviting these participant groups to that process in order to produce the inputs for harmonisation of testing and certification for existing and emerging technologies.

Reducing Barriers

- Europe's Solar Keymark: common, recognizable symbol that products perform to standards, based on testing and certification.
- Solar Rating and Certification Corporation: provides same assurance, rating required for products to qualify for national tax credits and many state and local incentives in addition to EnergyStar labeling.
- Liaison and dissemination of results of new IEA task on testing and certification to international, regional and national standards bodies provides technical basis and forum for enhancing test and certification procedures in major established and emerging markets.
- Ease barriers to entry by encouraging comparable test assumptions and procedures, especially for new and emerging technologies.

Leverage/Coordination

- ISO/TC 180
- Alanod group
- NEGST
- Task 39 - Polymeric Materials for Solar Thermal Applications
- Task 35 - PV / Thermal Solar Systems
- Task 26 - Solar Combisystems
- Task 19 - Solar Air Systems

Subtask A: Low-Temperature Collector Potential Activities

Objective: to examine existing testing and certification procedures for low-temperature evacuated tube and flat-plate collectors, air heating collectors, medium- to high-temperature concentrating collectors, to identify weaknesses, inconsistencies in application, and significant gaps.

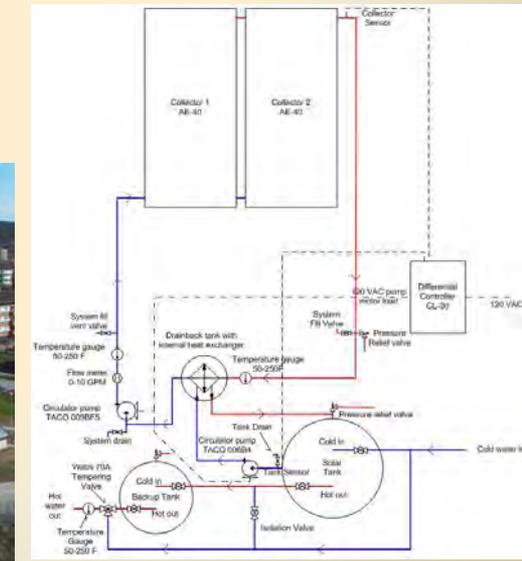
- ***Activity A.1: Roadmap of collector testing and certification issues***
- ***Activity A.2 – Low-to-Medium Temperature Collector Test Procedures, Standards and Simulation***
- ***Activity A.3 – Air Heating Collector Test Procedures, Standards and Simulation***
- ***Activity A.4 – Concentrator Collector Test Procedures, Standards and Simulation***
- ***Activity A.5 – Communication and Adoption of Result***



Subtask B: Systems

Objective: examine testing procedures for entire systems and identify weaknesses, inconsistencies in application, and significant gaps

- ***Activity B.1 – Roadmapping of Systems Issues***
- ***Activity B.2 –Component/Material Substitution, Qualification and Safety Testing***
- ***Activity B.3 – Simulation and Modelling***
- ***Activity B.4 – Analysis and Public Dissemination of Benefit Indicator***
- ***Activity B.5 – Communication and Outreach Coordination***



Objectives for Today

- Discussion for Each Subtask Roadmap
 - Clarifications, Additions, Comments
 - Priorities:
 - Potential Impact
 - Resources Needed
 - Participant Interest
 - Urgency
 - Assignments/Recruiting
 - Schedule of Actions, Revision of Work Plans, Next Steps
- Actions for Overall Task
 - Outreach to Certification Bodies
 - Leveraging Wiki and Other Communication Tools
 - Next Virtual Meetings
 - Next Face-to-Face Meetings

Subtask A, Collectors

- Clarifications, Additions, Comments
- Priorities:
 - Potential Impact
 - Resources Needed
 - Participant Interest
 - Urgency
- Assignments/Recruiting
- Schedule of Actions, Revision of Work Plans, Next Steps

Actions for Overall Task
Outreach to Certification Bodies
Leverage Wiki and Other Communication
Tools
Next Virtual Meetings
Next Face-to-Face Meetings

Subtask B, Systems

- Clarifications, Additions, Comments on Subtasks
- Priorities:
 - Potential Impact
 - Resources Needed
 - Participant Interest
 - Urgency
- Assignments/Recruiting
- Schedule of Actions, Revision of Work Plans, Next Steps

Actions for Overall Task

Outreach to Certification Bodies

Leverage Wiki and Other Communication

Tools

Next Virtual Meetings

Next Face-to-Face Meetings

Actions for Overall Task

- Outreach to Certification Bodies
- Leveraging Wiki and Other Communication Tools
- Next Virtual Meetings
- Next Face-to-Face Meetings
 - Solar Keymark
 - Solar Power International
 - EuroSun
 - Task 43
 - TC180
- Confirm/Adjourn