Webinar
Solar Keymark & Certification issues for certificate holders

Thursday, June 6th, 2019, 4:30 PM to 5:30 PM CEST

Dr. Andreas Bohren
Who is speaking?

- Head of Testing laboratory SPF Testing
- Chairman of the Solar Keymark Network
- Convenor CEN/TC 312/WG1 and ISO/TC 180/WG4 Collector standards EN 12975 and ISO 9806
- Board of directors "Swissolar"

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The European Standards are the basis for…

Solar Keymark, the European quality mark
Subsidies in European countries

CE mark
Construction product regulation (CPR)
Mandatory!

European Energy Labelling and EcoDesign
Mandatory!
The European Standards for Solar thermal products

Collectors

EN ISO 9806  How to test a collector?
EN 12975  Requirements, pass/fail

"Factory made systems" – Thermosiphon, ICS, etc.

EN 12976-2  How to test
EN 12976-1  Requirements, pass/fail

"Custom built systems" – Stores and assembled systems

EN 12977-3 and -4  How to test the stores
EN 12977-2  How to rate performance of the system
EN 12977-1  Pass/fail
Who is writing these standards?
Who is writing these standards?

Webinar on Solar Keymark & Certification issues

7/40
Industry

Let's change that!
How to get involved?

Clear:
The Solar thermal industry needs more participation of the industry in standardisation.

First access to standardisation activities:
The Solar Keymark Network
The Solar Keymark Network

The Solar Keymark Network is a network of Solar thermal experts
- mandatory for all testing laboratories
- mandatory for all certification bodies
- open for industry (preference: 2 per country)

The Solar Keymark Network has many important tasks….

... All testing laboratories and certification bodies have
the same understanding of the standards and procedures.

-> Sometimes new regulations and clarifications must be
developed which later find their way in the standards.
(example: How to certify PVT collectors?)
The Solar Keymark Network meets 2 x 1 day per year:
Spring: Physical meetings - next in Tunisia, March 2020
Always in conjunction with other standardisation meetings
Autumn: Webmeeting

The Solar Keymark Network is a democratic entity
Members can make proposals to improve the rules
Members vote and take decisions.
Also in between of the meetings by web-voting

The Solar Keymark Network has no secrets:
All documents, voting results, etc. are public.
www.solarkeymark.org
Options for industry participation

**Passive**: Accept what the others decide

(free of charge)

**Active**: Be part of the Solar Keymark Network

(free of charge)
How to get involved?

- Check with your national association (NA) whether there is already somebody representing your country.
- If Yes: Get in touch with the person
- If No: Ask your NA to "nominate" you.
- Send an email to the SKN Manager V. Drosou (drosou@cres.gr)

If there is no NA?

- Establish a NA to make solar thermal strong in your country
- Nominate yourself
  send an email to the SKN manager drosou@cres.gr
Really free of charge? What are the obligations?

No cash flow.

Industry is allowed to take part by web (if available).
    …but physical presence is preferred.

Obligations:

Being nominated includes the responsibility to represent the interests of your country and your industry.

Active and regular participation is expected. SKN is "Give-and-take"!
Participate in Working groups.
By preference not too many changes.

You will be listed on the Solar Keymark web.
You want to improve the standards

Join the Solar Keymark Network
Prepare decisions and improvements.
Meet competitors/partners and merge interests.

Join the Global Solar certification Network (Harald Drück)

Join CEN/TC 312 (Vassiliki Drosou)

Join national associations and the European Association ESTIF/SHE

Strong industries have strong standards and strong associations.
Thank you for joining