

Reports on SCF projects

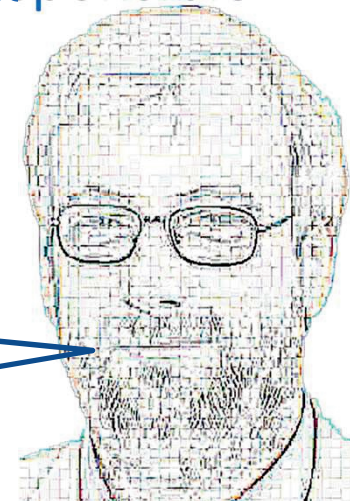
Gerard van Amerongen
vAConsult (The Netherlands)
Las Palmas 2014 03 11

a short apology



- At the same as the SKNG meeting, a meeting of TC228 is being held.
 - This is the most important meeting of the previous period
 - The drafts of all the revised standards on EPBD will be finalized (including our EN15316-4-3) for public enquiry
 - I am representing you in this matter and I am responsible for the EN15316-4-3.
 - That is reason I have to skip your meeting.

*I wish you a
productive
meeting*



Contents




- Running project by vAConsult:
 - SCF 4C12 LiasTC164-12
 - SCF 4C12-LiasTC371-12 (+ Planenergi, Jan Erik)
 - SCF 4C12-LiasTC228-12 (+ Planenergi, Jan Erik)
 - SCF 4C17-CENmandate-12
 - SCF 4C16a-Ecodes-12 (+ ESTIF)
- Update on Ecodesign

SCF 4C12 LiasTC164-12

- Drinking water -



- Activities:
 - 26/09/2013: report TC312 (Freiburg)
 - 16/10/2013: report TC164, WG2 (Bonn)
 - 28/11/2013: report ESTESC (ESTIF, Berlin)
 - 11/03/2013: report SKNG (:as Palmas)
- Results:
 - Legionella report and CoP has been accepted for further development to a CEN-TR by:
 - TC164, WG2 and TC312 (new common work group) 
 - Preparations at TC164 WG2 on revision EN 806-1 and -2
 - (Solar standards reference to these standards)

4C12-LiasTC371-12

- Energy Performance of Building project group -



- Activities:
 - Work on umbrella for revision of standards
 - CEN Mandate 480 (EPBD)
 - Relevant for solar thermal: TC228 standards
 - Meetings commonly together with TC228 WG2
 - See 4C12-LiasTC228-12
- Results:
 - Added to the solar thermal relevance of “umbrella”

SCF 4C12-LiasTC228-12

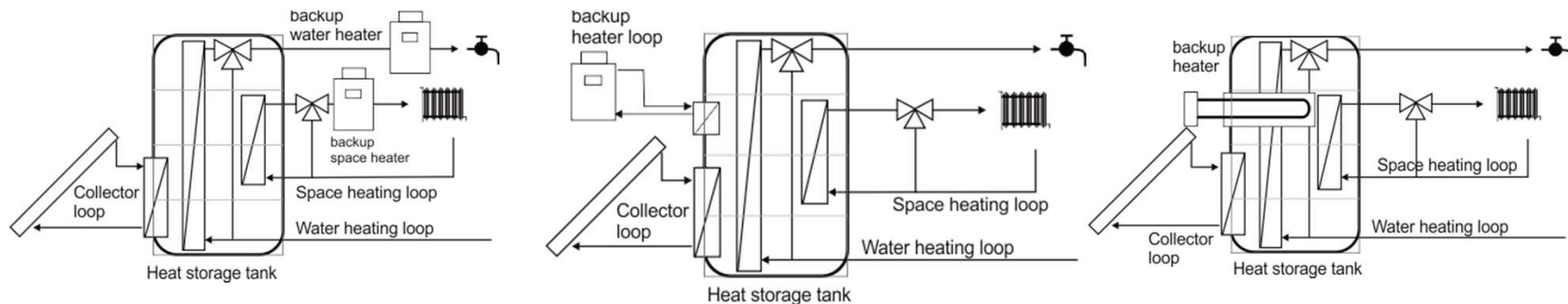
- Heating systems in buildings -



- Activities:
 - Development of standards (CEN mandate 480, EPBD)
 - Solar relevant: EN15316-4-3
 - Participation in Coordination group and Work group 4
 - Four meeting within the contract period
 - Building on acceptance in solar thermal community
- Results:
 - Final proposal EN15316-4-3 for public enquiry
 - Revised method B (Ecodesign) and new hourly method
 - Solar PV is now integrated
 - Future: harmonization (mandate 495, Ecodesign)

New Hourly method

- EN 15316-4-3, method 3:
 - Added: hourly method collector & collector loop
- New standard on performance storage systems.
 - Modelling three options solar thermal:



SCF 4C17-CENmandate-12 - CEN mandate 495 Ecodesign -



- Activities:
 - Attending two workshops Ecodesign coordination group
 - Drafting a workplan for the TC312 work groups
 - Reporting to TC312, ESTIF (ESTESC) and SKNG
- Results:
 - Workplan for work groups
 - Experts involvement in revision of standards (SCF proposal 2013).

SCF 4C16a-Ecodes-12

- Ecodesign implementation -



- Activities:
 - Drafting of the document and technical report
 - First trial with a workshop (Frankfurt)
- Results:
 - No final results
- Issues:
 - Unexpected extra public enquiry on transitional documents
 - Results expected in march and needed to complete the document and start with the workshop

SCF 4C16a-Ecodes-12

- Ecodesign implementation -



- Activities
 - Drafting Ecodesign documents (manual)
 - First trial with workshop (Frankfurt)
- Results:
 - Draft manual (with templates and all instructions needed)
- Remarks:
 - Unexpected extra public enquiry on transitional documents
 - Daily in the project. The last info is needed.
 - New version expected end of march

Ecodesign / energy labelling

- update -



- September 2013: publication of the regulations
 - Into force September 2015
- December 2013: Extra consultation on latest version of transitional documents (that is: the methods)
 - ESTIF commented. Main issue:
 - Water heaters and combi heaters
 - What to use as the efficiency of the backup heater
 - Proposal submitted
- Next phase: harmonization of standards to replace the transitional document.
 - 12975, 12976, 12977-3, 12977-4 and 15316-4-3

Ecodesign and energy labelling

- Solar Keymark -



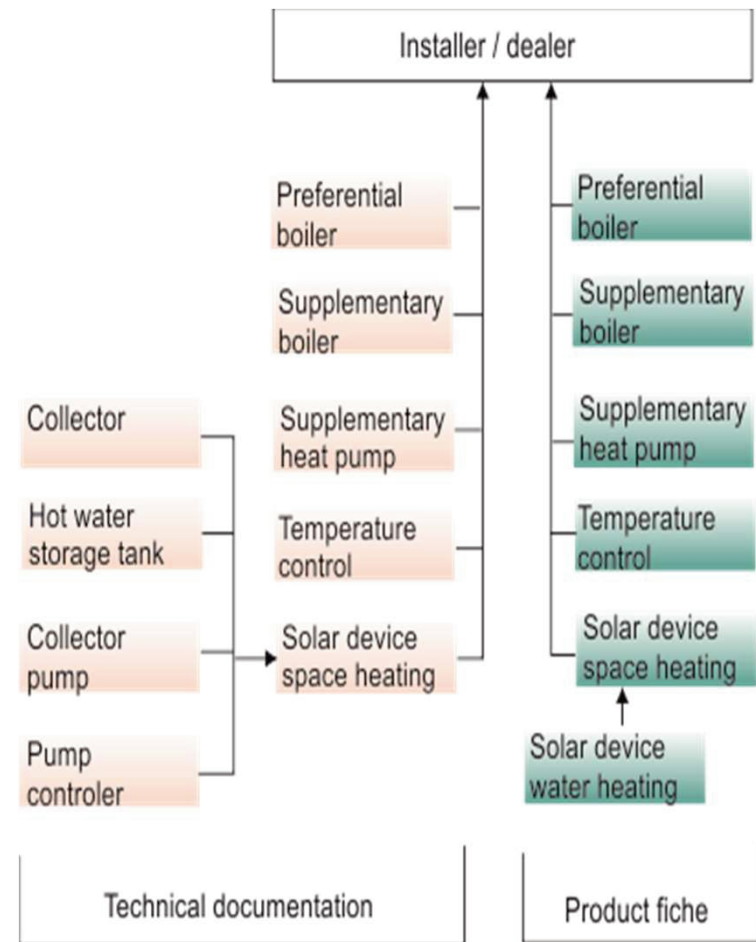
- General remark:
 - No third party testing required!
 - No certified products required!
- Test institutes:
 - Testing according to harmonized standards
 - Clients:
 - Industry (for the labels)
 - Member states (verification market surveillance purposes)

Ecodesign and energy labelling

- Solar Keymark -



- General remarks on Solar Keymark
 - SK and trade barriers:
 - Still valid. Ecodesign is limited to energy performance
 - Accurate and reliable results are needed for success
 - Certified product data is added value !
 - An important challenge is to make the documentation available
 - Accurate and reliable data
 - See example “combination heater”



Ecodesign and energy labelling

- Solar Keymark -



- Suggestions for future Solar Keymark involvement:
 - Distribution of reliable and accurate data
 - Support to data distribution schemes and as such force those systems to use accurate and reliable data
 - Publication of technical data in format fitted to the technical documentation formats
 - Create a Solar Keymark label on certified energy labels
 - Safe guarding the data, calculations and the reliability
 - Communicate the added value of SK (other quality aspects)
 - Implement a cooperation model with other certifications to promote the use of good data and procedures
- Start a “reflection group” on how Ecodesign can make SK stronger
 - I am available for contributions

Last sheet



I am very sorry not being present at your meeting

Next time I will be there!

Any questions can be addressed to

vaconsult@vaconsult.net

Gerard van Amerongen

*I wish you a
productive
meeting*

