



# QAiST

Quality Assurance in Solar Heating  
and Cooling Technology

## **ESTIF Standard & Certification Working Group meeting**

**Graz, Austria  
6 October 2010**

# Work in Progress

- Update on the status of the WP
- Tasks on the running period

# WP 2: Solar thermal collectors

## T 2.2 A guideline to EN 12975

- Development and revision by partners
- Two versions being developed
  - 1 for test labs
  - 1 for manufacturers
- To be published on a brochure
- Foreseen for June 2011

# WP 2: Solar thermal collectors

## T2.3 Performance calculation tool

- Fine tuning
  - Inclusion of uncertainty remains
- Extension to unglazed and tracking/concentrating
- Foreseen for June 2011

# WP 3: Solar thermal systems

## T3.1 & 2 (Systems: FMS + custom built)

- extrapolation procedure that proves to be valid for different types of systems allowing for flexibility in the definition of families of systems
- converting the test results of the existing test method into results valid for the “EU reference tapping cycles”
- concept of Hot Water Comfort for Solar Thermal Systems

# WP 4: Quality assurance of testing

## T4.2 & 3 Round-Robin test

- RR running
- Some delays, leading to enlarged period
  - December 2010
- Extra-QAiST participants

## T4.1 Support to SKN

- General
- Involvement new partners

# WP 5: New areas for quality assurance systems

## T5.1 Performance references and test methods for Heat Pump + ST combi-systems

- Data collection – questionnaires analysis
- Cooperation with Task 44 (IEA-SHC)

## T5.3 Quality requirements for Solar Cooling systems

- Data collection – questionnaires analysis
- Cooperation with Task 44 (IEA-SHC)

# WP 6&7: Communication and Dissemination

## T6.1 Distr. dissemination of project results

- Prepare initial info-release for 2010
- Previously: update of national reports from SK II
  - AT , DK, FR, DE, GR, IL, IT, PL, PT, SP, SE

## T6.3 Project Website

- New website (ESTIF) & intranet (discussion board): October



# WP 6&7

## T6.5 SK implementation in CEE NMS Workshop with IPIEO

- Workshop Northern Europe
  - Proposal IPIEO – Spring 2010
  - Implications of current issues in Poland?
- Negotiations for workshop in SEE
  - End November 2010
    - Macedonia (fYRo): Meteor. Inst. Skopje
    - Romania: REECO
    - Bulgaria: Bulgarian Energy Agencies (ABEA)

# WP 6&7

- T6.5 SK implementation in CEE NMS
  - Information package for CEE new members states produced
    - Flyer draft
    - Leaflet revision
  - Participation at SKN Meetings (T4.2)
  - Set content of Information package

# WP 6&7: T6.5 SK implementation in CEE NMS

- Test labs/institutes contribution shall consist of:
  - participation in a minimum of 4 SKN meetings to gain knowledge of the SK procedure;
  - presentation of an initial country report on the current situation regarding quality assurance measures for ST products;
  - presentation of an action plan on how the SK certification (or other country specific quality assurance methods) will be set up;
  - organisation of two “Solar thermal Quality Workshops” in the country in order to inform manufacturers, HVAC designers, installers and representatives from governmental bodies.



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