



# **CEN/TC 312**

## *Thermal solar systems and components*

Γενική Συνέλευση ΕΒΗΕ  
Ιανουάριος 2017

Chairperson: **Harry Michalopoulos** (end of app. 2019-10-19, Dec. 03/2016)

Secretary: **V. Drosou** – ELOT (Greece) (with EBHE/GSIA financial support for 3 years; 2016-2019)

**WG1** – Solar Collectors – Convenor **A. Bohren** – SNV (Switzerland)

**WG2** – Factory made systems – Convenor **V. Sharma** – UNI (Italy)

**WG3** – Custom built systems – Convenor **S. Laipple** – DIN (Germany)

**WG4** – Marking and Labelling - Convenor **J.E.Nielsen** – DS (Denmark)

## Published Standards (1/2)

---

- **EN ISO 9488:1999** Solar energy – Vocabulary (ISO 9488:1999)
- **EN12975-1:2006+A1:2010** Thermal solar systems and components – Solar collectors – Part 1: General requirements
- **EN ISO 9806:2013** Solar energy-Solar thermal collectors –Test methods (ISO 9806:2013)
- **EN ISO 22975-3:2014** Solar energy – Collector components and materials – Part 3: Absorber surface durability (ISO 22975-3:2014)
- **EN12976-1:2006** Thermal solar systems and components – Factory made systems – Part 1: General requirements
- **EN12976-2:2006** Thermal solar systems and components – Factory made systems – Part 2: Test methods

## Published Standards (2/2)

---

- **EN12977-1:2012**  
Thermal solar systems and components – Custom built systems – Part 1: General requirements for solar water heaters and combisystems
- **EN12977-2:2012**  
Thermal solar systems and components – Custom built systems – Part 2: Test methods for solar water heaters and combisystems
- **EN12977-3:2012**  
Thermal solar systems and components – Custom built systems – Part 3: Performance test methods for solar water heater stores
- **EN12977-4:2012**  
Thermal solar systems and components – Custom built systems – Part 4: Performance test methods for solar combistores
- **EN12977-5:2012**  
Thermal solar systems and components – Custom built systems – Part 5: Performance test methods for control equipment

## Standards UNDER DEVELOPMENT (1/2)

---

- WI 00312033     **FprEN ISO 22975-1:2014**  
Solar Energy – Collector components and materials,  
Part 1: Evacuated tubes – Durability and Performance.  
(EN/ENQ+FV/VA **ISO lead**, WG1)
- WI 00312034     **FprEN ISO 22975-2:2014**  
Solar energy - Collector components and materials - Part 2: Heat-pipes  
for solar thermal application - Durability and performance (ISO/DIS  
22975-2:2016)  
(EN/ENQ+FV/VA **ISO lead**, WG1)
- WI 00312035     **EN12976-2:2016** Thermal solar systems and components – Factory  
made systems – Part 2: test methods.  
(EN/ENQ+FV, WG2)
- WI 00312036     **EN12976-1:2016** Thermal solar systems and components – Factory  
made systems – Part 1: General requirements.  
(EN/ENQ+FV, WG2)
- WI 00312038     **prEN ISO 9806** Solar energy - Solar thermal collectors - Test  
methods (ISO/DIS 9806:2016)  
EN/ENQ+FV, VA/**CEN lead**, WG1)
- WI 00312039     **prEN 12975rev**  
Thermal solar systems and components – Solar collectors – General  
requirements.  
(EN/ENQ+FV, WG1)

- WI 00312039 **prEN 12975rev**  
Thermal solar systems and components – Solar collectors – General requirements.  
(EN/ENQ+FV, WG1)
- WI 00312040 **FprEN 12977-2rev**  
Thermal solar systems and components - Custom built systems – Part 2: Test methods for solar water heaters and combisystems  
(EN/UAP , WG3)
- WI 00312041 **FprEN 12977-4rev**  
Thermal solar systems and components - Custom built systems – Part 4: Performance test methods for solar combistores  
(EN/UAP , WG3)
- WI 00312042 **FprEN 12977-5rev**  
Thermal solar systems and components - Custom built systems – Part 5: Performance test methods for control equipment  
(EN/UAP, WG3)
- WI 00312043 **FprEN 12977-1rev**  
Thermal solar systems and components - Custom built systems – Part 1:General requirements for solar water heaters and combisystems  
(EN/UAP, WG3)
- WI 00312044 **FprEN 12977-3rev**  
Thermal solar systems and components - Custom built systems – Part Performance test methods for solar water heater stores  
(EN/UAP, WG3)

## Next plenary meeting

20th CEN TC 312 plenary meeting, 17-18 October 2017, hosted by CYS