



## “Forum on international experiences in developing regional quality assurance schemes for solar water heating”

### AGENDA

Date: 29.06.2015

Time	Activity	Facilitator / Expert / Presenter
8.30-9.00	Registration, Payment of per diems	Representative from ICE and GIZ
9.00-9.05	Opening	Representative from Costa Rica
9.05-9.20	Introduction to the workshop	Imilce Zuta – Facilitator
9.20-9.50	About the Project “Quality Infrastructure for Energy Efficiency and Renewable Energies in LAC”	Niklas Cramer - PTB
	QI for Solar Water Heaters	Francisco Boshell – IRENA
	Status of OLADE’s projects in Solar Water Heaters	Erika García – OLADE
9:50-10:20	Coffee break	
<b>SESSION 1 STANDARDS</b>		
10.20-11.30	Adopting international standards - Latest developments on ISO TC 180 set of international standards for SWH	Stephan Fischer – Institute for Thermodynamics and Thermal Engineering (ITW), University of Stuttgart
	Using standards in policy frameworks	Les Nelson – International Association of Plumbing and Mechanical Officials - IAPMO
	COPANT’s regional work to harmonize regional standards for SWH	Douglas Messina – COPANT Secretary CT 152

Experience from Costa Rica in adopting international standards in national standards for SWH

Diego Cordero – INTECO

11.30-11.45

Questions & Answers

PLEASE NOTE: There will be room to work on questions and comments more deeply on the second day.

## SESSION 2

### TESTING

11.45-12.40

How to set up a test laboratory for SWH – options for affordable testing

Stephan Fischer - Institute for Thermodynamics and Thermal Engineering (ITW), University of Stuttgart

Link between test laboratories and certification bodies – US experience

Eileen Prado - Solar Rating & Certification Corporation and Global Certification Network

Challenges in LAC countries for establishing and operating a test lab for SWH – Experience from Uruguay

Rodrigo Alonso – Laboratory of Solar Energy (LES)

12.40-12.55

Questions & Answers

12.55-14.05

Lunch

## SESSION 3

### LABELLING AND CERTIFICATION

14.05-15.05

US Solar Rating & Certification Corporation Program and Global Solar Certification

Eileen Prado - Solar Rating & Certification Corporation and Global Certification Network

Regional certification programmes - Solar Key Mark Certification Program

Stephan Fischer – Institute for Thermodynamics and Thermal Engineering (ITW), University of Stuttgart

Challenges in LAC for establishing a labelling/certification scheme for SWH – Experience from Brazil

Douglas Messina – Institute for Technological Research

15.05-15:20

Questions & Answers

15.20-15.45

Coffee break

## SESSION 4

### USING QUALITY INFRASTRUCTURE IN SUPPORT OF POLICY MEASURES FOR SWH

15.45 – 16.45

Experience with licensing for SWH installers

Les Nelson – North American Board of Certified Energy Practitioners – NABCEP

Experience in using QA in support of national or regional policies for SWH

Eileen Prado - Solar Rating & Certification Corporation and Global Certification Network

Experience in using QA in support of national policies for SWH – Experience from Chile

Carlos Cerda - Representative of the Secretary of Energy and Hydrocarbons – Chile

Experience in using QA in support of national policies for SWH – Experience from Mexico

Ybo Pulido - CONUEE – Mexico

16.45 – 17.00

Questions & Answers

17.00 – 17.10

Information about the second day

Imilce Zuta

General explanation on work to be carried out during the next day

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**Date – 30.06.2015**

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<b>Time</b>	<b>Activity</b>	<b>Facilitator / Expert / Presenter</b>
9.00 – 9.20	Activities for the Working Groups	Imilce Zuta – PTB - Explanation on work to be carried out - Topics to be discussed in the breakout groups sessions
<b>SESSION 5 WORKING GROUPS</b>		
9.20 – 10:00	Work on specific issues related to Standardization, Laboratories, Certification and Labelling and Regulation.	Imilce Zuta – PTB and Facilitators of working groups
<b>10.00 – 10.30</b>	<b>Coffee break</b>	
10.30– 12.50	Continue Session 5	
<b>12.50 – 14.10</b>	<b>Lunch</b>	
<b>SESSION 6 PLENARY SESSION</b>		
14.10 – 15.20	Presentation of conclusions from each working group	Moderator: Imilce Zuta - PTB
15.20 - 15.40	<b>Coffee break</b>	
15.40 – 16.10	Conclusions of workshop and proposals for next steps	Imilce Zuta - PTB
16.10 – 16.25	Closing of the Workshop	Representative designated by host country or host organization
<b>GET TOGETHER DINNER (Funded by PTB)</b>		

Tbd

As a group, take the bus from Hotel Tryp to Restaurant Tiquicia.

All participants on Day 2 of the forum are invited.

### Day 3

**POTENTIAL VISIT TO THE SOLAR ENERGY LABORATORY (OPTIONAL)**