


MINUTES OF MEETING OF THE TASK FORCE FOR NATIONAL SOLAR THERMAL ROADMAP DEVELOPMENT			No: 2/2017
Minuted by: Hasimah Hasan	Date: 15 th . June 2017	Time: 10.30 am – 1.00 pm	Venue: Bilik Mesyuarat Utama, Tingkat 1, SIRIM
AGENDA :			
<ol style="list-style-type: none"> 1. Welcoming Remark by Chairman 2. Presentation of the Inception Report by PwC 3. Comments by the Task Force members on the Inception Report 4. Other Matters 5. Adjourn 			
No.	Attendees	Organisation	Absent
1.	Prof Sohif Mat	SERI, UKM - Chairman	<ol style="list-style-type: none"> 1. Mrs. Masilah Bandi (MGTC) 2. Tn. Hj. Mohd Fauzi Ismail (SIRIM)
2.	Mr. Paul Wong Kok Kiang	KeTTHA	
3.	Mr. Zulkiflee Umar	ST	
4.	Mr. Shahzul Jayawirawan	MIDA	
5.	Mrs. Nurul Zafira Mohd Zamri	MIDA	
6.	Mr. Haniff bin Ngadi	SEDA	
7.	Ir. Dr Philip Tan	FMM	
8.	Tn. Hj. Hamdan Mokhtar	SIRIM	
9.	Dr. Azmi Hj. Idris	PMU	
10.	Mrs. Hasimah Hasan	PMU – Secretary	
	Also Attending		
11.	Ms. Marlene Sayer	UNIDO	
12.	Ms. Nur Iffika Ruslan	KeTTHA	
13.	Mr. Vibhash Garg	PwC	
14.	Mr. Vaibhav Singh	PwC	
15.	Ms. Tracy Yip Chooi Pin	PwC	
16.	Ms. Chia Jing Min	PwC	

Agenda	Action
1.0 Welcoming remarks by Chairman The Chairman welcomed all the members of Task Force and the representative from PwC.	
2.0 Presentation of the Inception Report by PwC 2.1 The PwC make summary on the Inception report of the roadmap. 2.2 PwC has prepared the First Progress Report which will be presented on 21 st June 2017	Information Information
3.0 Comments by the Task Force members on the Inception Report 3.1 SERI suggest to the report should also highlight the strength of solar thermal in Malaysia. Based on the current write up, the Task Force members got impression only the barriers to solar thermal in the country 3.2 FMM raised that there is missing in data collection for thermal energy and solar thermal application in Malaysia 3.3 KeTTHA the ministry found that thermal energy is around for sometimes but more for domestic used. There is no policy on and regulation on thermal energy and cooling 3.4 KeTTHA suggest PwC to come out with best practice from other countries about the incentive available for solar thermal 3.5 SERI request PwC to highlight in the progress report the success factors by other countries in implementing solar thermal and suggest the best practice that might be suitable for Malaysia 3.6 FMM suggest that government to allow the residents/individual who purchase solar thermal hot water to claim back for the income tax. This will encourage the nations to apply solar hot water system at home. 3.7 PwC will include forecasting on energy consumption until 2030 with scenario and growth of industry. 3.8 FMM suggest to identify the suitable player for the roadmap implementation ie implementer agency, resource persons, cost and financial 3.9 MITI suggest to invite more expert part from Task Force members for the workshop 3.10 MITI suggest that year 2030 is an outcome of the effect for the roadmap deployment. MITI suggest to consider the timeline for the roadmap.	PwC Information Information PwC PwC PwC Information PwC PwC, PMU PwC

3.11 Chairman request to have plan of activities from PwC for the Task Force reference.	PwC, PMU
3.12 MITI suggest to put comparison between solar thermal and solar photovoltaic technologies.	PwC
3.13 Space and process cooling shall be included, not only mentioned, in the roadmap as part of the demanded overview about current and future technologies.	PwC
3.14 Examples from other countries with solar thermal policies including hotels and hospitals (government owned thus easier to implement solar thermal) shall be included in the roadmap.	PwC
3.15 SEDA & MIDA suggest PwC to also take look into the demand of the solar thermal technology by Malaysian industry.	PwC
4.0 Other Matters The Task Force members were invited to attend the Vision Workshop on 21 st June 2017 at SIRIM. The Vision workshop is to present the First Progress Report and gather comments from the stakeholders	
5.0 Adjourn The meeting was adjourned at 1.00pm	

Prepared by:

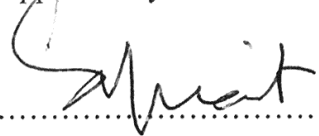

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Hasimah Hasan

Secretary

Date: 2nd November 2017

Approved by:


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Prof Dr. Sohif Mat

Chairman

Date: 3 Nov. 2017