

**AGENDA**  
(Plan as of 2018.01.17)  
**CDTI-NEDO Joint Workshop on**  
**Energy Saving Engineering - Effective Use of Thermal Energy**  
**13 February, 2018**  
@Spanish Embassy in Tokyo

**PART 1: Workshop 9:30~15:25**  
**Venue: Seminar Hall, Spanish Embassy**

<b>Opening</b>			
09:30-09:40	Opening Remarks	NEDO	Executive Officer of NEDO (P)
09:40-09:50	Overview of Bilateral Program (JSIP)	NEDO CDTI	National Manager of JSIP from NEDO National Manager of JSIP from CDTI
<b>Session 1: Background, commonality and specificity between Spain and Japan</b>			
09:50-10:05	Overview in Japan	Japan	Toshiya Imada, Director NEDO Energy Conservation Tech. Dept.
10:05-10:20	Overview in Spain	Spain	Oscar Seco, Assistant Secretary General, PTE-ee
10:20-10:30	Q&A		
<b>Session 2: Project and Case Studies</b>			
10:30-10:50	Development of high temperature Heat Pumps using a low GWP refrigerant.	Japan	Hideki Fuchikami, Engineer R&D Center, Mayekawa Mfg. Co., Ltd.
10:50-10:55	Q & A		
10:55-11:15	Heat-to-Power Solution for Industrial Applications	Spain	David Moldes, Business Development Manager INNERGY HEAVY INDUSTRIES, S.A.
11:15-11:20	Q & A		
11:20-11:40	Advanced heat driven cooling cycles for low-temperature waste heat recovery	Japan	Tatsuo Fujii, Senior Researcher Thermal Fluidic Systems Research Dept. Center for Technology Innovation-Mechanical Engineering, Hitachi, Ltd.
11:40-11:45	Q & A		
11:45-12:05	Industrial Waste Heat revalorization: a new thermoelectrical concept towards a cleaner and a most efficient industry 4.0	Spain	Raul Aragonés, CEO Alternative Energy Innovations SL
12:05-12:10	Q & A		
12:10-13:10 Lunch break – Coffee and Sandwiches to be served at Event Hall, Spanish Embassy			

<b>Session 2 : Project and Case Studies (Continued)</b>			
13:10-13:20	VULKANO PROJECT – Leading the change toward eco-efficient furnaces	Spain	Gorka Goicoechea, Account Manager, Research Centre for Energy Resources and Consumption (CIRCE)
13:20-13:25	Q & A		
13:25-13:45	Development of adsorption thermal storage system utilizing waste heat	Japan	Haruyuki Kamata, Senior engineer Research & Development Center, Takasago Thermal Eng. Co., Ltd.
13:45-13:50	Q & A		
13:50-14:10	Modeling of heat transfer and dynamics in Phase Change Materials for enhanced thermoregulation and energy recovery	Spain	Santiago Madruga, Associate Professor Polytechnic University of Madrid
14:10-14:15	Q & A		
14:15-14:35	Development of high performance thermal insulator and energy saving furnace	Japan	Ayumi Matsuoka, Technical Research Laboratory Mino Ceramic Co., Ltd.
14:35-14:40	Q & A		
14:40-15:00	Experience in ENERGYSIS Project	Spain	Juan Antonio de Isabel, CEO, GEOTHERMAL ENERGY
15:00-15:05	Q & A		
15:05-15:15	Joint Development Proposal - Waste heat recovery system using Exhaust Gases with Vanishes from Drying Furnaces	Spain	María I. Cubillo, CEO SinCeO2 Consultoría Energética
15:15-15:20	Q & A		
<b>Closing</b>			
15:20-15:25	Closing Remarks	Spain	Akihisa Dambara, Director, CDTI Japan Office

**PART 2: Business Matching 15:45~17:00**

**Venue: Event Hall, Spanish Embassy**

**Schedule: To be fixed.**