

INDUSTRIAL WASTE HEAT RECOVERY

Palacio Euskalduna - May 16, 2017

tecnalia Inspiring
Business

Within the framework of
Global Innovation Day

Program

09:00-09:40 Workshop opening

- Luis Pedrosa. Energy and Environment Division Director. TECNALIA (institutional opening)

09:40-11:15 Technologies for industrial waste heat recovery and successful cases

- Heat transformer for low temperature waste heat valorization. **Asier Martinez. TECNALIA (15 min)**
- High temperature heat pumps for industrial applications **Miguel Ramirez. TECNALIA (15 min)**
- Waste heat valorization through ORC (Organic Rankine Cycle). PITAGORAS Project. **Maidor Epelde. TECNALIA (15 min)**
- Waste heat recovery from Electric Arc Furnace for electricity and district heat production in the Steel mill of ORI MARTIN in Brescia-Italy. **Andrea Panizza. ORI MARTIN (30 min)**
- Business opportunities in industrial waste heat/cold recovery. Successful case in an industrial park in Granollers. **Aitor Sotil. Aiguasol (20 min)**

11:15-11:45 *Coffee break*

11:45-12:45 Challenges and opportunities in industrial waste heat recovery (60 min)

- Energetic, environmental and economic impacts from waste heat recovery. Challenges, barriers and opportunities. **Patxi Hernandez TECNALIA (15 min)**
- Roundtables to share opinions on challenges and opportunities related to industrial waste heat recovery **(45 min)**

12:45-13:00 Conclusions and workshop closing (15 min)

13:00 After the event closing a snack will be served so that participants can continue discussing challenges and opportunities that waste heat recovery has to offer to different industrial sectors.

This workshop is part of the [Global Innovation Day 2017](#) organized by INNOBASQUE. Among others, developments carried out within [PITAGORAS](#) project will be presented.



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