



EUROPEAN COMMISSION

Executive Agency for Small and Medium-sized Enterprises (EASME)

Unit B1 – H2020 Energy

Horizon 2020 Energy Efficiency call FAQ (DEADLINE 04/02/2015)

Topic EE-18-2015 New technologies for the utilization of heat recovery in large industrial systems, considering the whole energy cycle from heat production to transformation, delivery & use

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New FAQ

Q1. The EE-18 topic is a topic of the contractual Public Private Partnership (cPPP) SPIRE – Sustainable Process Industry through Resource and Energy Efficiency. Where can I find more information about what is a cPPP?

All the information about the contractual PPPs can be found at: http://ec.europa.eu/research/industrial_technologies/ppp-in-research_en.html

More details on SPIRE can be found at: http://ec.europa.eu/research/industrial_technologies/sustainable-process-industry_en.html

New FAQ

Q2. How does the fact that the EE-18 Topic is implemented under the cPPP Roadmap influence the evaluation of proposals?

Topics which fall under the cPPP have been jointly prepared with industry (the SPIRE consortium: www.spire2030.eu) and specifically aim to address issues that the cPPP board consider to be industry priorities. Other than that, proposals falling under cPPP topics are submitted and evaluated like any other RIA action under Horizon 2020:

http://ec.europa.eu/research/participants/data/ref/h2020/call_ptef/ef/h2020-call-ef-ria-ia-csa_en.pdf

Q3. Can I submit a proposal even if I am not part of the SPIRE Association?

Yes. The participation in EE-18 proposals is not restricted to the SPIRE community. To participate in an EE-18 proposal the rules set in the Work Programme and relevant Annexes apply.

New FAQ

Q4. It is required that the proposals focus on the eight sectors of the European process industry (cement, ceramics, chemicals, engineering, minerals and ore, non-ferrous metals, steel and water) that launched the SPIRE cPPP?

No. Proposals can focus on large industrial systems other than the ones mentioned above.

Proponents should note that the EE-18 topic makes emphasis on solutions for recovering waste energy which can be replicated across several industrial sectors or which can be made adaptable to the specificities of various industrial sectors, with large replication potential.

New FAQ

Q5. What should be considered as a large industrial system?

The EE-18 topic does not define the scope of large industrial systems. It is up to the proponents to justify that the industry they are focusing on is indeed a large industrial system.

New FAQ

Q6. On which Technology Readiness Level (TRL) proposals should focus between TRL 4 and TRL 7?

The TRL indicated in the Work Programme for the activities proposed under Topic EE-18 is between TRL 4 and TRL 7. However, proponents should bear in mind that proposals should include full scale validation by means of activities at demo sites preferably in real production conditions in industrial facilities, which corresponds to TRLs on the high side of this range.

Proponents should provide clear detailed explanations on how they actually intend to implement these demo sites.

New FAQ

Q7. Is there a minimum number of demo sites that needs to be implemented?

The scope of the EE-18 topic does not specify the number of demo sites to be implemented. Prior to submitting a proposal proponents should assess internally whether the number of demo sites they want to implement is sufficient to comply with the expected impact of the topic and to ensure a successful evaluation.

New FAQ

Q8. The scope of the EE-18 mentions a series of actions (bullet points). Should proposals cover all these points?

No. Proponents are invited to address one or more of the areas defined in the bullet points where appropriate, as long as the expected impact described in the topic is met.

New FAQ

Q9. In the Work Programme, under the Expected Impact, it is stated that proposals should recover at least 15% of process heat leading to significant savings of energy compared with current practice.

Does the 15% recovery refer only to the process or to the whole plant? How can I calculate the 15% target?

The topic description does not provide a strict indication on this. It is up to the proponents to determine a reference point for the calculation of the percentage of heat recovery and to demonstrate how the proposal would achieve the target.

Still, the "at least 15% heat recovery" should lead to significant savings of energy compared to current practice, which should be demonstrated in the proposal. The external evaluators will evaluate whether the promised savings are significant and will compare it with the other proposals submitted to the Call. Therefore, proponents should be ambitious in this respect.