

ICP Europe Technical Forum notes

ICP Europe Technical Forum for Industry #1 – 14 September, 2017

The first Technical Forum for Industry was held on 14 September, 2017. This Technical Forum focussed on the proposals for developing protocols for industrial energy efficiency projects. The session followed a review already conducted by our Focus Group for Industry, a group of experts within the sector whose feedback had already been incorporated into the proposals. An overview of the ICP processes and documentation developed for buildings was also provided. The event was well attended, with nearly 40 attendees from across Europe and beyond, representing a cross-section of the market. The Q&A session at the end showed that the audience was interested and engaged with the topics under discussion.

ICP overview

Our ICP Europe Technical Director, Luís Castanheira, outlined the purpose of the ICP framework, the project process - from origination through to the performance phase - and how the Investor Ready Energy Efficiency™ certification fits into this process. He also summarised the roles and requirements of ICP credentialed Project Developers (PDs) and third party Quality Assurance Providers (QAPs). Finally, Luís described ICP's extensive Ally Network, and its Investor Network which represents over €4 billion in energy efficiency project capital.

ICP for Industry briefing

Bethan Phillips, on the ICP Europe Technical Team, described the initial proposals for developing the industry protocols. These have been set out in a briefing note which was circulated to the Technical Forum prior to the meeting, and is available [here](#). She began by explaining the proposed scope of the core approach within the protocols, which is to cover measures related to all energy uses, apart from bespoke, sector-specific measures. Such measures are usually highly complex and therefore require specialist knowledge to develop them. Therefore, these measures would be covered by a specialised approach with separate requirements – for example, there could be a requirement for a specialist with demonstrable experience to provide input into the identification and quantification of process ECMs. Bethan explained that this would provide a route to certification for all process energy projects, provided the Project Developer and Quality Assurance Provider work with a specialist who has the necessary technical knowledge.

Bethan then set out the proposed classification of projects which would be covered by two protocols: complex and targeted. Complex projects are those with either many interacting ECMs or fewer but more complex ECMs (e.g. CHP projects), while Targeted projects are simpler projects with fewer ECMs, which are likely to be replicated across the project (e.g. motor replacements). The typical M&V approach for a Complex project would usually IPMVP Option C, or in some cases, Option B; for Targeted projects, this would likely be IPMVP Option A or B.

Bethan went on to describe the resource review that has been carried out to identify recognised sources of best practice guidance on developing industrial energy efficiency projects at each step of the ICP project development process, from baselining to M&V. She highlighted some gaps in published documentation on the Design, Construction & Verification and Operations, Maintenance & Monitoring stages, with a request for any feedback from members of the Technical Forum to provide input if possible.

She then set out the likely requirements for Project Developers and Quality Assurance Providers seeking the ICP credential.

Finally, the next steps for the project, including dates for the next Technical Forum meetings and protocol publishing were set out.

Luís concluded the presentation by describing the review already undertaken by the ICP for Industry Focus Group, and the organisations involved.

Q&A session

The team received a number of questions and comments during the Q&A session at the end of the webinar. Questions included:

- Clarifications on the scope of the protocols
- Whether there is a minimum project value for which the protocols should be used (there is no specific figure, although clearly very small scale projects are unlikely to warrant the use of the ICP protocols)
- The differences between IPMVP and other international M&V standards (this is an area we are researching)
- Whether specific industrial sectors will be covered (this is not the intention, currently – instead, a generic approach to cover process-specific measures will be developed)