INVESTOR
CONFIDENCE
PROJECT

Understanding the Protocols

22. How do I know the protocol used for IREE process represents best practice?

A dedicated Technical Forum is created for each thematic area (industry, district energy and street lighting). The Technical Forum ensures that ICP Europe staff is producing relevant and needed products and services for the European energy efficiency markets. The Forum does this through:

- Providing insight and feedback on draft products in webinar based Forum meetings and informally;
- Providing local, national and European knowledge on relevant standards, best practices and initiatives that may be relevant to, or interact with, ICP Europe products and tools; and
- Identifying projects and programmes for piloting of ICP Europe products and services.

For the Technical Forum for industry, there are approximately 80 members which helps to ensure a broad range of input.

23. Is there a protocol targeting specific industrial sectors?

There are two protocols for industry – complex and targeted.

1. Complex protocol
Intended for complex industry energy efficiency projects that include:
   a. **Installation of new technology types or capacities, including new utility generation technologies** - for example, major changes to plant configuration requiring controls modifications
   b. **Installation of ECMs with variable and/or unpredictable loads** - for example, refrigeration plant

2. Targeted protocol
Intended for targeted industry energy efficiency projects that include:
   c. **Installation of simple, commonly used technologies** - such technologies will usually have consistent and predictable load profiles; for example, lighting retrofits or motor upgrades; projects could include a number of these types of ECMs
   d. **Installation of ECMs which are like-for-like replacements** - for example, direct utility plant replacements for a similar technology type and capacity

There are no specific industrial sectors that are targeted.

24. How are the protocols developed and why should I trust them?

The core of the ICP methodology are the Energy Performance Protocols that define a standardised road map of best practices for originating energy efficiency measures following the ICP Project Lifecycle. They leverage existing and commonly accepted European and national standards in conjunction with ICP specified procedures and documentation based on the various stages of a project life-cycle to create standardised projects with reliable returns. The Protocols are developed by the ICP technical team, after considerable research into international best practice and experts from many organisations contribute to the development of the protocols through our Technical Forums.

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25. Are the protocols for industry, district energy and street lighting all developed the same way?

The approach used to prepare and review the draft protocols for industry, district energy and street lighting is the same for each sector. This builds upon the approach we used to develop protocols for building energy efficiency projects.

26. Will the process include renewable energy or energy storage?

If these technologies are recommended in the audit process, they can definitely be included.