

SEAI EXEED Certified Program

Frequently Asked Questions

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EXEED Certified Program

1. How do I get started?

Check out [EXEED](#) webpage on SEAI website to view all guidance material on EXEED including brochure, which outlines process and deliverables.

Check out [EXEED Grant page](#) to see what support is available from SEAI including further details on EXEED process and guidelines on the grant scheme.

Contact SEAI if you feel you have an eligible project.

2. We have identified energy-saving opportunities for our asset. (e.g. outputs of Energy Auditing Scheme, Investment Grade Audits, etc.) Can we get EXEED Certified for these?

No, however these ideas and this work will not be lost.

They will be included as 'opportunities' in the Energy Saving Register but the EXEED process requires these opportunities to be challenged and analysed right back to the energy service requirements in order to deliver the optimum solution. This scenario should be noted in the project execution plan so starting point is clearly defined.

EXEED will NOT certify discrete retrofit opportunities. All opportunities to be included in design and commissioning plans must be outputs of following the EXEED process.

3. How do I define the EXEED asset?

EXEED Certified can only apply to an asset meeting the following qualifications:

- A physical boundary that fully incorporates the system(s) fulfilling its purpose.
- An energy balance accounting for and including all energy sources, energy uses and energy demand.
- Encompasses energy services (i.e. desired outcomes that necessitate the consumption of energy) that are identified with application of the Energy Venn Diagram.

Some examples of eligible EXEED certified projects include:

- Design of new commercial office building.
- Design of new biotech manufacturing facility.
- Design of extension to existing manufacturing facility, including repurpose of warehouse and optimisation of utilities.
- Design of new Data Centre.
- Major energy upgrade of any existing commercial, industrial or public sector buildings/facilities, e.g. shopping centre, shop, hotel, hospital, sports arena.
- Major multi-year phased energy upgrade of manufacturing facility.

- Major renovation and re-purposing of existing commercial or public sector buildings/facilities, e.g. new office building.
- Major renovation of brownfield industrial site, e.g. advance factory.
- Design of new manufacturing facility or production area, e.g., manufacturing area, cleanroom.
- Redesign for repurpose of an existing manufacturing facility or commercial property.
- New design of bespoke manufacturing process or product line
- Production line or bespoke equipment

4. How do you define the baseline design?

New Design

The baseline is the current design-state when commencing the EXEED process and captured in the EED Project Execution Plan. If at a very early stage of conceptual design, it is the first design condition using the basis of design and any data or assumptions required to develop a meaningful energy balance study.

The baseline associated with new design should not be backdated to an earlier state prior to commencing the EXEED process. The owner will be required to demonstrate during the EXEED Certification audit process that the baseline design coincides with the Project Execution Plan timeframe.

Existing asset

For a re-engineering/re-commissioning project, the baseline design is most likely the current operating state of the facility.

5. How long does the project execution plan have to be?

There is no requirement on length of document but the plan must address all items listed in clause 8.3 of I.S 399.

The plan needs to be specific to the project rather than generic content filling up each section. The plan addresses the key decisions needed to ensure successful implementation.

It is hugely important to document all information available at this stage so as to provide clarity on the starting point for the project.

6. Does the EED expert need to be certified?

No, the EED owner would have to procure a suitable expert – competent in the EXEED process, technology and target areas of the project – may not be an expert in all areas.

SEAI does not specify competency framework of EED Expert, they need to be able to fulfil roles & responsibilities outlined in clause 8.2.2 of I.S 399.

7. Are templates available for Project execution plan, Energy-saving register, Energy balance report, Energy measurement plan?

Not at present. SEAI wish to encourage organizations to develop their own documents that match the specific needs of their project and meet the requirements of the standard.

SEAI will be developing further guidance documents to improve understanding of the process and to suggest potential options in terms of approach.

8. How is EXEED Certified program going to be promoted?

SEAI will be promoting EXEED through the public and private sector programmes through communication and integration (LIEN, Public Sector, SMEs).

SEAI have launched a grant scheme to support the implementation of EXEED projects and to incentivise the uptake of the EXEED management framework.

The energy suppliers through the Energy Efficiency Obligation Scheme will also promote EXEED, as they will be supporting projects to get EXEED Verified and EXEED Managed.

SEAI will also be presenting on EXEED at numerous public & private sector events throughout the year and will be hosting training workshops/sessions to upskill the various stakeholders on the process and its practical application.

9. Are water savings also taken into account during the EXEED process?

It is possible to apply equally to water – not a requirement but can choose to include.

10. Will EXEED add extra engineering cost?

Yes, but it is proven to lower capital and running costs so you will get excellent return on investment.

11. Will EXEED extend the project schedule?

You can plan EXEED to run in parallel with the traditional design process – starting from the current design state. No delay typically results from implementing EXEED unless the business case allows.

12. What is involved in getting EXEED Certification?

EXEED certification is compliance based – not qualitative like LEED/BREEAM – project based certification

Independent cert. body will audit you

13. Are there case studies available on EXEED projects?

Not yet as there are no EXEED projects that have achieved certification but please see [case studies](#) here that were created during the development of the IS 399 Energy Efficient Design Methodology.

14. Are EXEED projects applicable for energy credits under the Energy Efficiency Obligation Scheme?

Yes. Where the applicant is partnering with an Energy Supplier that is adding demonstrably material and additionality to the EXEED Certified project – the EXEED Verified distinction is a requirement for the Energy Supplier to gain energy credits accruing.