

Factsheet on the Energy Efficiency Fund (E2F)

When

E2F will be launched on 3 April 2017.

What it is

The E2F consolidates existing NEA-administered industrial energy efficiency incentive schemes to improve energy efficiency in the industrial sector. It is designed to support the industrial sector to be more energy efficient through design for efficiency, energy assessment, and adoption of more efficient technologies. At the design stage, E2F provides up to 50% co-funding for industrial companies to review the design of their new facilities to integrate energy and resource efficiency improvements.

Companies are encouraged to carry out periodic energy assessments to understand their energy consumption patterns and identify potential energy improvement opportunities. E2F supports these energy assessments at up to 50% co-funding. For companies which would like to replace their existing equipment with more energy efficient ones, up to 30% of the project costs could be supported under E2F.

Objectives

- To encourage industrial facility owners to integrate energy and resource efficiency improvements into their development plans early in the design stage.
- To encourage industrial facility owners to carry out detailed energy assessment on their facilities' energy consumption and identify specific areas for energy improvement.
- To encourage manufacturing facility owners to invest in energy efficient equipment or technologies.

Why

- Singapore's national target is to reduce our emissions intensity by 36% from 2005 levels by 2030, and to stabilise greenhouse gas (GHG) emissions with the aim of peaking around 2030.
- Industrial sector accounts for the lion's share of greenhouse gas emissions in Singapore.
- Energy efficiency one of the key strategies to mitigate the effects of climate change.
- Data collected shows that large industrial energy consumers in Singapore companies here achieved an annual energy efficiency improvement rate of 0.6% in 2015 and 0.4% in 2014. There is room for improvement. We require the energy efficiency improvement rates to be between 1-2% annually, similar to what leading countries like Belgium and the Netherlands have achieved, to fulfil Singapore's pledge under the Paris Agreement.
- Industrial sector, including SMEs, face challenges in upgrading the energy performance of their equipment. These challenges include limitation in financial and technical capability, and lack of prioritisation for energy efficiency in many companies.

Key benefits

- Offset part of the upfront costs of designing new facilities efficiently, conducting energy assessments and implementing energy efficiency retrofits for owners of industrial / manufacturing facilities.
- Improve energy efficiency, which in turn, improve competitiveness through reduction in energy consumption and operating costs for the industrial companies.
- Companies can apply to the consolidated E2F, without having to navigate through different incentive schemes to find the correct one that suits their needs.

Details of E2F

Components supportable under E2F	Eligibility of companies	Grant quantum	Qualifying costs
Resource efficient design	• Owners/operators of industrial facilities which are registered in Singapore • Facilities should be sited in Singapore	Up to 50%, capped at \$600,000	• Consultancy fees • Transportation and accommodation for consultants • Venue and other logistical costs for design workshop
Energy assessments		Up to 50%, capped at \$200,000	• Salaries • Use of instrumentation and evaluation tools • Expendables • Overheads
Energy efficient equipment or technologies	• Owners/operators of manufacturing facilities with an annual sales turnover of ≤\$500 mil which are registered in Singapore • Facilities should be sited in Singapore	Up to 30%, no cap	• Manpower • Equipment and materials • Professional services

Singapore GST is excluded.

For more information on the E2F, please visit: www.e2singapore.gov.sg.