



Report and Recommendation

The results of the energy survey will provide for online live monitoring and the production of a report on the premises energy profile, including a series of recommendations on:

- No cost energy reduction solutions such as switch off campaigns or revised maintenance schedules
- Low cost energy reduction solutions such replacement of light fittings or solar heaters
- Capital investment projects such as the installation of solar arrays or hybrid generators

Implement and save

On a daily basis the WFP Environmental Sustainability team works with country offices to reduce their energy dependence. Through the surveys and no cost recommendations they are able to tailor their engagement to maximize effect.

For low cost measures WFP Engineering through the Energy Efficiency Programme (a carbon levy on WFP’s fleet) provides small grants to operations to assist them in implementing low cost measures.

For the large scale capital investments WFP Engineering, provides the technical know how and financial support, via the WFP Capital Budgeting Facility, to deliver projects which make both economic and environmental sense to invest in.


Achievements so far

- From the **USD 2.8 million** invested in greening projects, a reduction of approximately 1.6% in energy use for the organization has been achieved.
- **Over 40 energy efficiency projects** have been implemented, in **13 countries**.
- These energy efficiency projects will see an annual reduction in GHG emissions by around **2,600 tonnes CO2e**, and annual cost savings of **USD 1.35 million per year** equivalent to providing **school meals to 14,839 students** for a year.
- Energy Surveys are currently being undertaken in **82 WFP facilities** across **14 different countries** with monitors now live in 30 locations.

Looking to the future


Projects so far have highlighted numerous opportunities for WFP to achieve even greater energy efficiency. It is estimated that every **USD 1 million** invested in energy efficiency upgrades should result in operational cost savings of approximately **USD 3 million** over the next 10 years, a **three-fold return**. And that’s only WFP! This project has the capacity to be scaled up in support of all humanitarian actors.

Energy savings from current EE projects are equivalent to removing **654 WFP vehicles** from the road for one year.



That's **20%** of WFP's Light Vehicle Fleet.


The annual Co2e reduction from EE projects amounts to



3%

of WFP's average yearly carbon footprint

Cost savings from EE projects



could provide **school meals** for **14,839 students** for 1 year