CORK COUNTY COUNCIL

WASTE PREVENTION
PROJECT IN SWIMMING POOLS

PROJECT COMPLETED

Partners: Cork County Council, Fermoy & Mallow Town Councils

AIMS OF THE PROJECT:

The aim of this project was to provide information on how to reduce resource use, i.e. water, energy and the chemicals which are required to operate a public swimming pool. The prevention of solid waste was also studied. The project's deliverables can be implemented at any swimming pool. The project engaged both pool staff and their customers to work together in reducing the environmental footprint of this service.

DELIVERABLES

- Waste and energy audits conducted and water consumption measured.
- Reduction in energy/water usage in the operation of these swimming pools following the implementation of short and medium term measures.
- Introduction of best practice in the elimination & reduction of different waste streams.
- Introduction of new signage on recycling, reduction of waste & energy conservation
- Pool management and staff trained on best environmental practices.
- Educational awareness programme delivered to schools in each pool locality.
- Issuing information to parents / teachers and public on this waste prevention project.

RESULTS

Prevention result	Mallow Pool	Fermoy Pool
Carbon Dioxide emissions reduction (tonnes per year)	106	20,000 (conversion to geothermal)
Cost savings on energy (€)	16,652	N/A
Energy benchmark (kWh/customer/year	14.66	11.7
Reduction in solid waste per swim (%)	7	40
Solid Waste benchmark (g/swim)	13	5.8
Water use reduction (%)	30	20
Water use reduction (m3/day)	7.3	3
Water use benchmark use reduction (litres/customer)	28	37

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epa Environmental Protection Agency
An Ghníomhaireacht um Chaomhnú Comhshaoil
National Waste Prevention Programme

LAPN Local Authority Prevention Network

RESOURCE EFFICIENCY

LAPN Local Authority Prevention Network