



Department
for Environment
Food & Rural Affairs



CCTV in Urban & Rural Hotspots

Dover District Council – Fly-tipping Intervention Grant

Dover council introduced **CCTV** into two hotspot locations, one rural and one urban, to prevent fly-tipping from reoccurring and capture those responsible for depositing the waste. The project started in September 2022 and fly-tipping incidents were monitored for 3 months before and after intervention. In both locations, there was a **significant decrease in fly-tipping**.

The Fly-tipping Issue

We targeted two hotspot locations, one rural and one urban.

Hotspot 1 – Rural residential area that has a large amount of anti-social behaviour. The residents have full access to a piece of council owned land that becomes a regular place for fly-tipping as well as the street adjacent. The most common type of fly-tipping here is historically bulky household items.

Hotspot 2 – Urban residential and commercial street in town centre that has a mixture of trade and domestic waste. Fly-tipping occurs in alleyways off the main street and it is most common to find household waste namely in black bags of a car boot load in size.

We planned to tackle this type of fly tipping in the first instance as it was felt that this was the type of behaviour that could be changed or prevented with the right tactics. Both of these hotspot locations have had ongoing issues with waste and anti-social behaviour.

The Intervention

Initially we experienced some delays with the implementation of some parts of the project, such as the installation of overt CCTV with ANPR. External agencies needed to be utilised where permission has been required from the County Council to utilise their lamp columns and then contractors have been required to install the cameras. This has meant that equipment could not be deployed as quickly as we would have liked by the Environmental Crime Team, or as quickly as covert cameras which are much smaller in size and can be deployed directly by officers within the Team.

Once the equipment was up and running, it was easy to install with sufficient instructions where needed being provided, of good quality and supplied quickly.

The Result

As you can see from the results the instalment of CCTV has been effective in both locations; the CCTV was set up in November 2022 for hotspot 1 and September 2022 for Hotspot 2.

At the urban hotspot location, the camera managed to capture 2 fly-tipping incidents, however despite our best efforts and working with partners we have been unable to identify the persons shown in the CCTV. We were unable to identify the perpetrators therefore no enforcement action took place. The other 2 incidents were out of view for the camera to capture.

At the rural hotspot location, the CCTV team leader advised that the camera did have a noticeable impact on figures, but it has since been attacked with a hammer and is currently offline; unfortunately, the hard drive disc was damaged making the evidence unretrievable.

Businesses in the urban hotspot location have reported they have seen an improvement to the area although fly-tipping still persists inside the bin store which is not covered by the CCTV.

Location	Intervention	Pre-Intervention Monitoring	Post-Intervention Monitoring	Results
Hotspot Location 1 Rural	Overt CCTV	6 1 st July 2022- 30 th November 2022	3 1 st December 2022-28 th February 2023	50% Decrease
Hotspot Location 2 Urban	Overt CCTV	6 1 st June 2022- 1 st September 2022	4 30 th September 2022-1 st January 2023	33% Decrease

Data Source: Northgate M3 – Dover’s complaint management system

Other Relevant Data

Enforcement: Our Environmental Crime Team have conducted 17 commercial waste duty of care inspections in hotspot 2 and served waste transfer producer notice(s) in respect to commercial waste. Should these notices not be complied with enforcement action may be pursued.

Anti-social Behaviour: In the rural area it is known for other anti-social behaviour to take place in the open area, such as the use of off-road bikes on the open land, this has also reduced since the camera was deployed. From checking our case management system, we can see that Kent Police issued Community Protection Written Warning(s) as part of their work in this area with off road vehicles.

Feedback

What went well?

Previously the Environmental Crime Team did not have their own overt CCTV cameras and the deployable camera available from another department is in frequent use for anti-social behaviour and other criminal offences. By having this funding, it has enabled the Environmental Crime Team to have their own overt cameras which can now solely be utilised to tackle fly tipping hotspot areas in urban and rural areas across the district.

What would you do differently?

Regarding the urban hotspot location, work is currently still ongoing, and we have reviewed our initial approach. On reflection we would have repositioned the camera to overlook the bin shed area, where fly-tipping is most prevalent.

Regarding the rural hotspot location, given that the CCTV is currently offline due to criminal damage, we would have considered a different, more discrete location for the CCTV. The council are also looking at SSD drives which do not have a disc and are much more robust.

In both hotspot locations we would deploy signage so that users know they are being watched and the raise awareness of why we are doing this, with a hope of achieving behaviour change.

What key information would you pass on so others can deliver this project?

Ensure effective communication lines are open with your local authorities CCTV team to understand how to integrate the CCTV into the larger infrastructure, ensuring relevant procedures and standards are met.

Equipment Inventory

Item	Supplier	Unit Cost	Quantity	Total Value
Wireless CCTV Speed Dome Camera	WCCTV	12,250	2	£24,500
CCTV ANPR	WCCTV	3,600	1	£3,600
CCTV Support Level Agreement	WCCTV	7,200	5 years	£7,200
CCTV 1 st Responder	WCCTV	1,800	1	£1,800

Contact Details

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Defra's Fly-Tipping Intervention Grant: The Fly-tipping Intervention Grant supported projects trialling approaches and interventions to tackle fly-tipping. Administered by WRAP on behalf of Defra, this grant provided capital funding for projects at known fly-tipping hot-spots that showed the potential for improving infrastructure, raising awareness, and supporting enforcement activity.