

Transcript. Plastic bottle recycling in County Durham.

Mild uplifting music is heard throughout.

00:00: A picture of Durham Cathedral can be seen and then County Durham Recycles and Pledge 2 Recycle logos appear.

00:01: A lady's voice can be heard: "The county of Durham and its community prides itself on respecting the environment.

00:07: "Recycling right and recycling more is an important part of keeping County Durham tidy."

00:09: Young girls and boys are playing football with a coach and appear on screen. A goal can be seen in the background.

00:12: Close up shot of feet dribbling balls.

"Everybody should take plastics home to recycle when out and about..."

00:16: Five boys appear in shot. They are holding plastic drinks bottles.

"Empty bottles and replace the cap before recycling..."

00:19: Close up of a fair-haired boy in a football shirt closing the cap on his drinks bottle before heading to a blue lidded recycling bin. He has a blue sports bag over his shoulder, and he places the bottle in the bin.

"Have you wondered what happens to a plastic bottle once you put it in to the recycling?..."

00:23: The boy walks out of shot. He has a number 10 printed on to the back of his shirt.

00:25: A Durham County Council bin operative wheels a blue lidded bin to a lorry.

"The recycling journey from your house starts when ..."

00:26: The man lifts the bin on to the lorry hoist to be lifted and emptied.

"...the teams collect your recycling along with thousands of others."

00:28: The empty bin is lowered on the hoist and the man wheels it back to the house.

"Some recycling lorries have two compartments. This allows your council to keep stuff separate..."

00:30: Close up of the lorry and the emptying of the bin.

"...which has been put into different bins, such as glass. The lorries unload at material recovery facilities..."

00:32 A plough tips recycling into a large skip at a recovery facility.

"...Where the recycling is sorted into different material types..."

00:35: Close up shot of a conveyor belt.

"...such as paper, cardboard and plastics..."

00:38: Close up of gloved hands sorting recycling on a conveyor belt.

"...If recycling is acceptable and not too dirty, it is loaded on to conveyor belts."

00:35: Close up shot of sorting machinery.

“Staff pick out the items that should not be there or are too large or may cause the machinery to breakdown.”

00:37: Close up of sorting machinery.

“A series of sorting machines help separate the different materials such as paper; cardboard; metals and plastics.”

00:40: Close up of metal cage containing lots of recycling.

“The mixed plastics then pass through the machines which sort the plastics...”

00:42: Close up of a pile of recycling inside the cage.

“...into the plastic types.”

00:43: Close up of sorting machinery.

“The bottles are bailed ready for transport to...”

00:45: Close up of bailed recycling.

“...recycling facilities that specialise in...”

00:47: A forklift piles the bailed plastics.

“...making new plastic bottles...”

00:49: Bailed plastics can be seen outside of the recycling facility.

“...and other packaging.”

00:51: Close up of machinery turning plastics into flakes.

“They are chopped up into flakes then washed, removing any labels and other impurities.”

00:52: Close up of machinery used to wash the flakes.

“The plastic flakes are sorted by colour...”

00:53: Close up of plastic flakes falling through the machinery.

“...checked for quality, before being melted into pellets.”

00:54: Close up of pellets in a container.

“Here at a specialised plant, recycled pellets are prepared so they...”

00:59: Close up of glass machinery with pellets.

“...can be used in new plastic bottles.”

01.27: Close up of plastic bottle machinery.

“Plastics are compressed and squeezed into moulds where compressed air blows them into a bottle shape.”

“The pellets are made into small test tube shapes...”

1:29: Picture appears of bottling machinery.

1:33: Bottles go round on a circular conveyor.

“...with a screw top. These are transferred more effectively to bottling factories, compared to full size bottles.”

1:34: Close up of bottles inside machinery.

“Here they are heated to make them soft and are blown up ...”

1:37: Five bottle are upside down in some machinery.

“...to make a full sized bottle...”

1:39: The machine flips the bottles so they are the correct way up.

“...ready to be filled and start a new journey to shops and homes.”

1:43: Close up of large plastic bottles.

“Amazing!”

1:47: The screen goes blank and County Durham Recycles and Pledge 2 Recycle logos appear.

1:48: Find out more at: www.durhamrecycles.co.uk web address appears and video ends.