

Transcript. The recycling journey of a milk bottle.

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."

00:11: Two ladies are using a kettle in a kitchen to make coffees.

"Plastics are often used to contain our food and drinks. Due to the fact they are low cost, light weight and they keep our food fresher for longer."

00:15: The ladies pour milk into two mugs.

00:21: close up of one of the ladies stirring a mug.

"Have you ever wondered what happens once you..."

00:23: The lady washes out the milk bottle under a tap.

"put a milk bottle in your recycling bin? Did you know milk bottles are recycled back into milk bottles?"

00:29: the lady replaces the lid and squashes the bottle.

"It is important to empty the bottle, give it a quick rinse and put the cap back on before recycling."

00:36: The lady leaves the shot and we can see out of the kitchen window into a garden.

"You should leave the label on too."

00:37: The lady opens a door and heads outside.

"Once you put the milk bottles into your household recycling bin..."

00:42: The lady places the milk bottle into a blue lidded recycling bin with the Durham County Council logo. There is a number 31 sticker on it.

00:43: Close up shot of the bin lid.

"...They begin their recycling journey."

00:49: A Durham County Council bin operative wheels a blue lidded bin to a lorry.

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

00:51: 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."

00:51: 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..."

1.00: 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..."

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

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

1.08: Close up shot of a conveyor belt.

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

1.13: 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."

1.20: 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."

1.25: Close up of sorting machinery.

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

1:28: Close up of metal cage containing lots of recycling.

"The mixed plastics then pass through the machines which sort the plastics..."

1:31: Close up of a pile of recycling inside the cage.

"...into the plastic types."

1:32: Close up of sorting machinery.

"The bottles are bailed ready for transport to..."

1:35: Close up of bailed recycling.

"...recycling facilities that specialise in..."

1:37: A forklift piles the bailed plastics.

"...making new bottles..."

1:39: Bailed plastics can be seen outside of the recycling facility.

"...and other packaging."

1:43: Close up of machinery turning plastics into flakes.

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

1:47: Close up of machinery used to wash the flakes.

"The plastic flakes are sorted by colour..."

1:51: Close up of plastic flakes falling through the machinery.

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

1:55: Close up of pellets in a container.

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

2:00: Close up of glass machinery with pellets.

“...which can be used in new milk bottles.”

2:02: Close up of machinery pressing the pellets into moulds.

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

2:11: Newly shaped bottles come off a production line.

“Any excess is removed. The bottles harden and are ready for labelling and milk.”

2:14: A conveyor belt of milk bottles inside a machine can be seen.

2:17: Two circular conveyor belts carry empty bottles.

2:21: Milk is poured into bottles inside large machinery and then lids are placed on the bottles.

2:31: A wide shot of bottles being loaded on to trolleys.

“Once lids are fitted they are loaded on to trolleys ready for delivery to shops. All this happens at the same location.”

2:36: Close up of machinery moving full bottles of milk.

2:39: A trolley of milk bottles moves left to right across the factory floor. The camera pans out to a wide shot of many milk bottles on trolleys. A man can be seen moving trolleys in the background.

“Wow! That’s a lot of milk bottles. This is just one of the many milk bottling sites in the UK. If we recycle our plastic milk bottles all the time, we can make so many more milk bottles.”

2:40: The screen goes blank and County Durham Recycles and Pledge 2 Recycle logos appear.

2:41: Find out more at: www.durhamrecycles.co.uk web address appears and video ends.