



**NHS**

**South Yorkshire**  
Integrated Care Board



# Collaborative Inhaler Returns Campaign

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SYICB (Sheffield)

Sheffield Childrens Hospital

**Sheffield Children's**



**NHS**

NHS Foundation Trust

There is no such thing as  
"away". When we throw  
something away it must go  
SOMEWHERE.

*Annie Leonard*



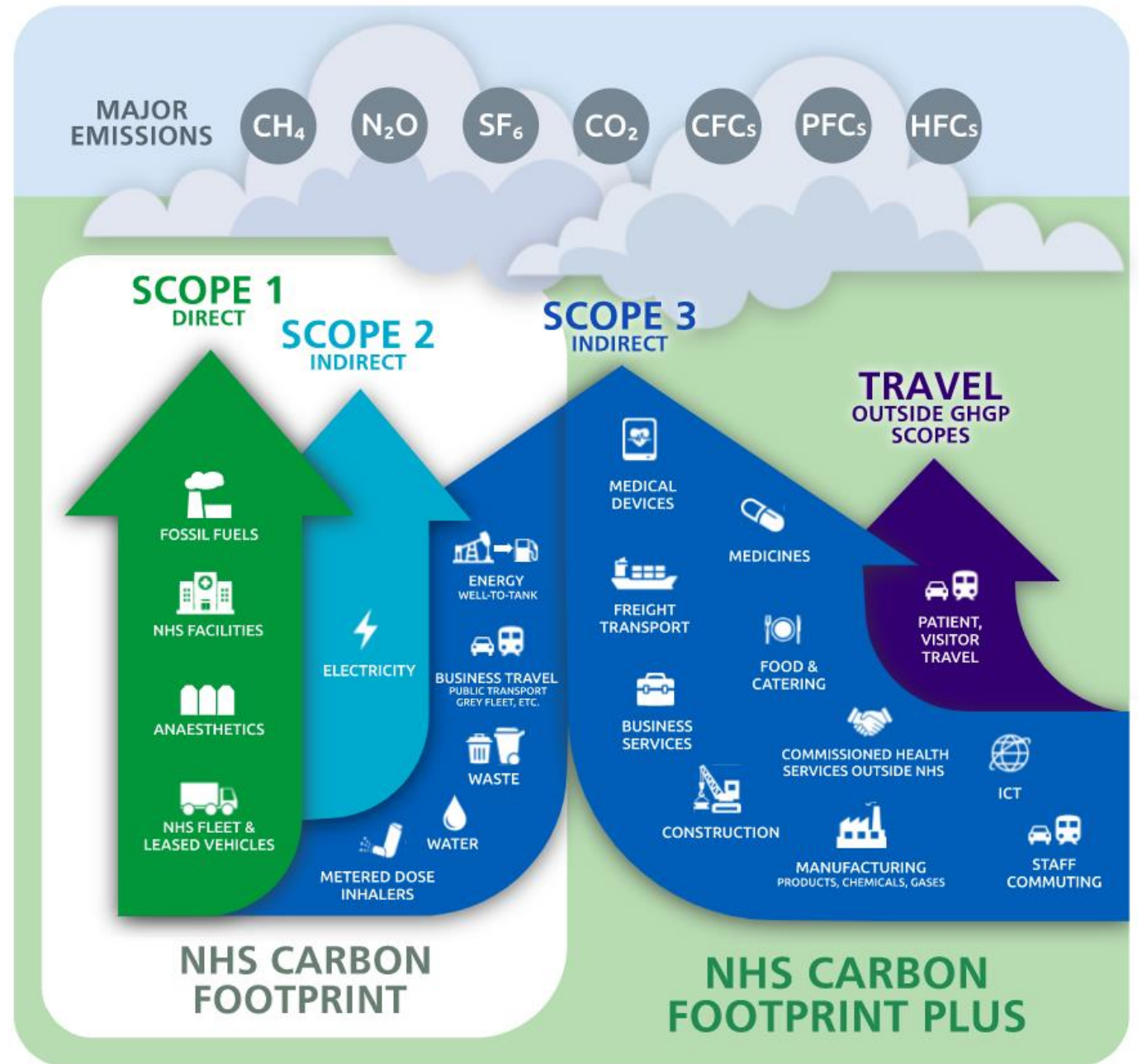
Don't Throw it  
Away.....



Say hello to Archie – he's the perfect patient to show you our newest way of going green!



# Delivering a Net Zero NHS





73 million  
inhalers  
prescribed  
annually

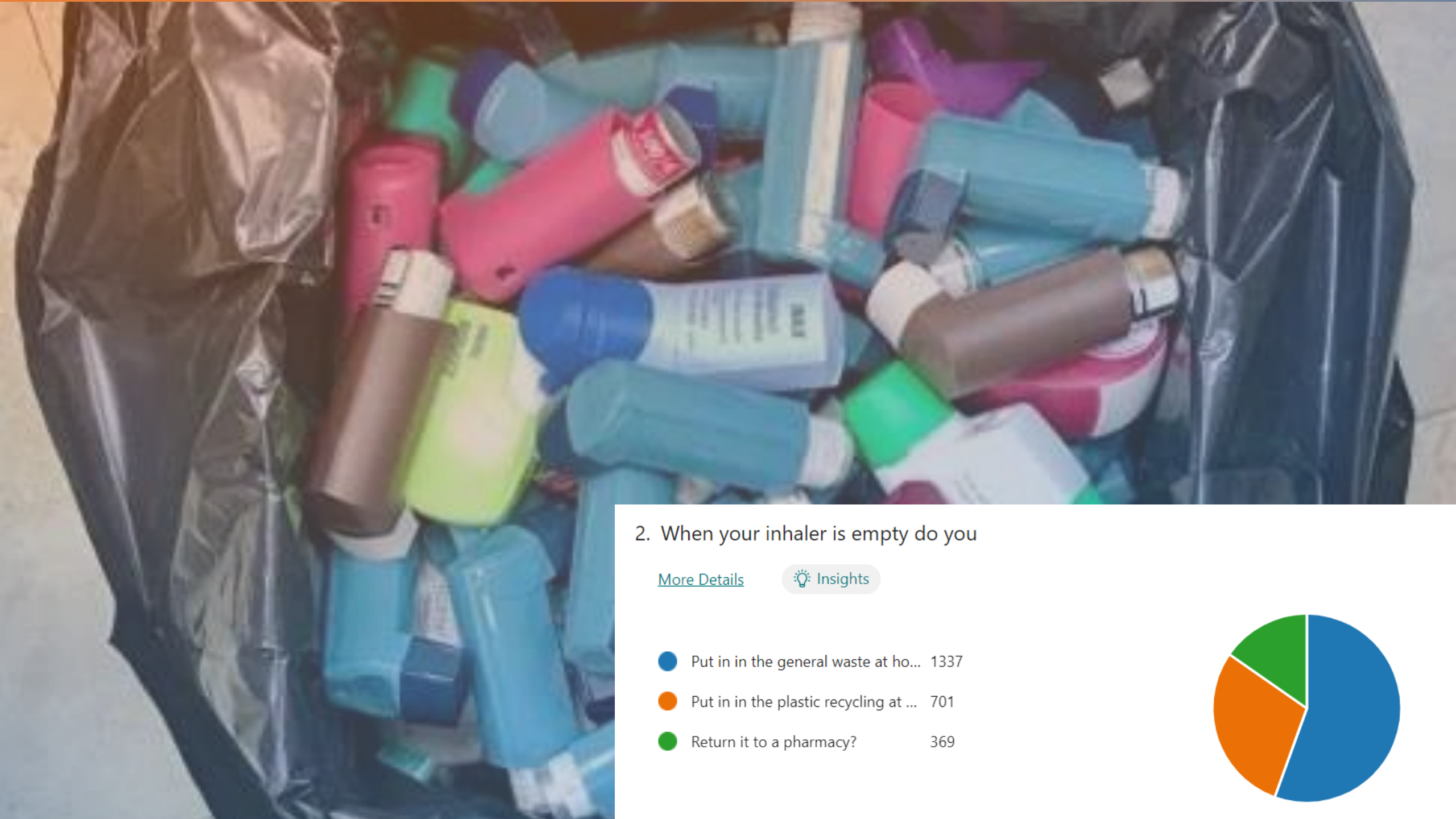
CARBON

Inhalers = 3-4%  
of NHS carbon  
dioxide  
emissions



**OUR SURVEY SAID...**




**TOP ANSWER!**



## 2. When your inhaler is empty do you

[More Details](#)

 [Insights](#)

-  Put in in the general waste at ho... 1337
-  Put in in the plastic recycling at ... 701
-  Return it to a pharmacy? 369





What % of people knew the most environmentally friendly way to dispose of inhalers?







5. Would you be happy to return your inhaler to a pharmacy?

[More Details](#)

[Insights](#)

<span style="color: blue;">●</span> Yes	2302
<span style="color: orange;">●</span> No	113



Take it back

Return your inhaler to any local pharmacy when it is no longer usable or needed, to help the environment



The International Pharmaceutical Action Coalition (IPAC) is a consortium comprised of and funded by AstraZeneca, Boehringer Ingelheim, Chiesi Limited, GSK, Kindeva and Teva. IPAC's mission is to find the environmental policies most cost-effective to support a patient-centric approach to meeting important sustainability objectives. This awareness campaign has been organized by IPAC and funded by its members. This early engagement may support by disseminating campaign assets, but will not receive a financial contribution from IPAC, or the respective pharmaceutical companies, other directly or indirectly. If there is evidence of unapproved side effects, incidents or adverse reactions from patients who use an inhaler, patients should be encouraged to talk to their doctor, pharmacist or nurse. This includes possible side effects not listed in the package leaflet. Individuals can also report side effects and defective devices directly via the Yellow Card Scheme at www.yellowcard.medicines.gov.uk. For reporting side effects they can provide more information on the safety of medicines. Date of Publication: July 2021 | IPAC-001-2021-070001



### RETURN YOUR USED INHALERS TO A PHARMACY TO HELP REDUCE YOUR CARBON FOOTPRINT

The propellants used in some inhalers are powerful greenhouse gases that contribute to **climate change**. Even after an inhaler is finished it still contains these environmentally damaging gases. **(Please be assured these gases are not harmful to you when you use your inhaler)**

**Return all used inhalers to your local pharmacy for safe disposal** Returned inhalers will be incinerated which will destroy the greenhouse gases and prevent inhaler plastics going to landfill



**Don't throw used inhalers into your household waste or recycling bins!**

Landfill disposal of inhalers is harmful to the environment due to left over gases being released into the atmosphere. Plastics from inhalers cannot be recycled using domestic recycling schemes

**Make each puff count! – Only order your inhaler when required to reduce waste**

**If you have concerns about the environmental impact of your inhaler, make an appointment with your GP practice – don't stop using your inhaler!**



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*“Inhalers contain propellants that are powerful greenhouse gases. Did you know that used inhalers should not be put into domestic waste or recycling? The most environmentally friendly way to dispose of your inhalers is to return them to a pharmacy.”*



## RETURN YOUR USED INHALERS TO A PHARMACY TO HELP REDUCE YOUR CARBON FOOTPRINT



The propellants used in some inhalers are powerful greenhouse gases that contribute to **climate change**. Even after an inhaler is finished it still contains these environmentally damaging gases.

*(Please be assured these gases are not harmful to you when you use your inhaler)*

Return all used inhalers to your local pharmacy for **safe disposal** – Returned inhalers will be incinerated which will destroy the greenhouse gases and prevent inhaler plastics going to landfill



**Don't throw used inhalers into your household waste or recycling bins!** Landfill disposal of inhalers is harmful to the environment due to left over gases being released into the atmosphere. Plastics from inhalers cannot be recycled using domestic recycling schemes

**Make each puff count! – Only order your inhaler when required to reduce waste**

*If you have concerns about the environmental impact of your inhaler, make an appointment with your GP practice - don't stop using your inhaler!*

## Return your inhaler to Sheffield Children's

and help reduce our carbon footprint!



The propellants used in some Inhalers are greenhouse gases that contribute to climate change. Even after an Inhaler is finished it still contains these environmentally damaging gases. However, these gases are not harmful to you when you use your Inhaler.



All used inhalers - minus the spacer - can be returned to your local pharmacy or here for safer disposal in one of our special animal bins. By returning inhalers you'll prevent inhaler plastics going to landfill.



Don't throw used inhalers into your household waste or recycling. Landfill disposal of inhalers is harmful to the environment due to left over gases being released into the atmosphere. Plastics from inhalers also cannot be recycled using domestic recycling schemes.



If you're worried about the environmental impact of your inhaler, please speak to your asthma clinician, but don't stop using your inhaler.

Look out for special lion, tiger and panther bins around the building!









90% said they would find it useful if there was an inhaler disposal bin in the Respiratory Outpatient clinic at SCH





wyborni

wyborni

wyborni

wyborni

wyborni



general waste



plastic bottles



cans



paper





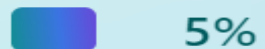
**IMPACT**





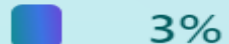
## How long have you had an inhaler for?

0-6 months



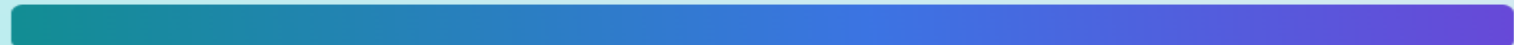
5%

6-12 months



3%

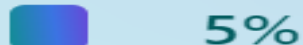
More than 12 months



91%

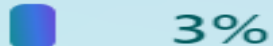
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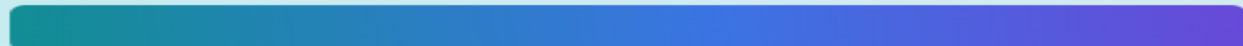
5%

6-12 months



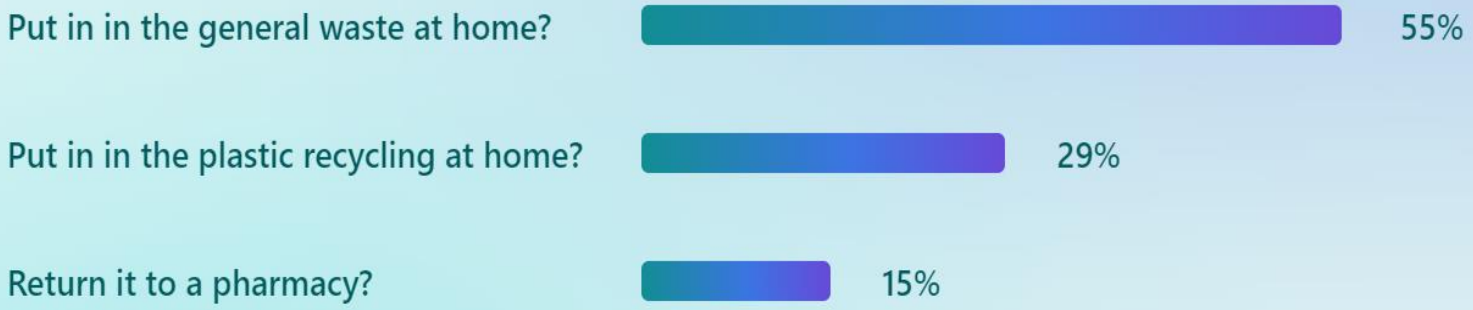
3%

More than 12 months

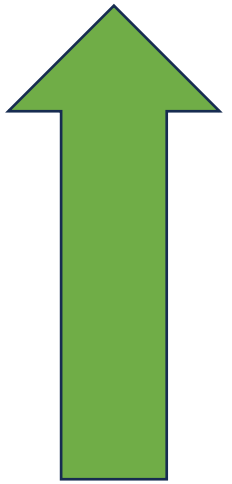
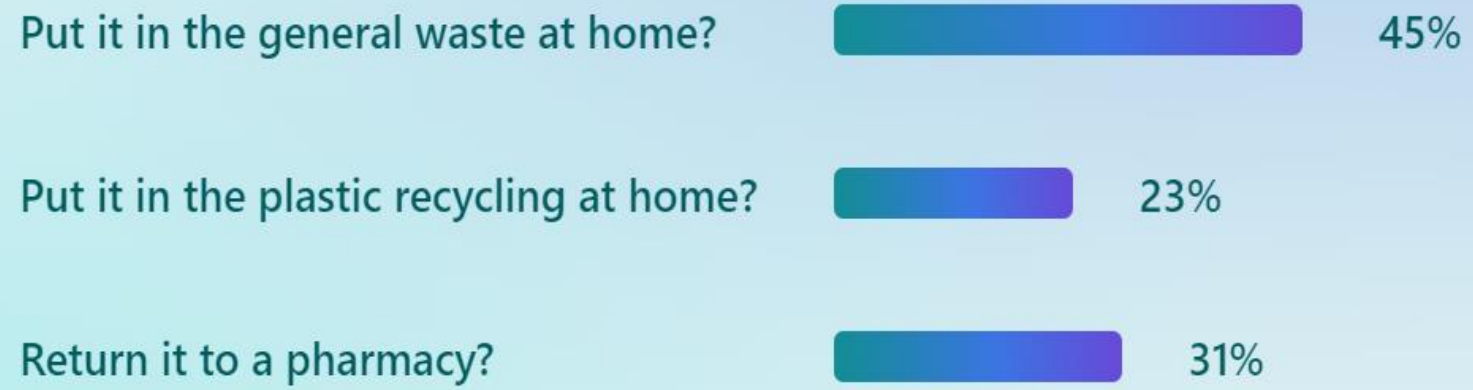


91%

## When your inhaler is empty do you



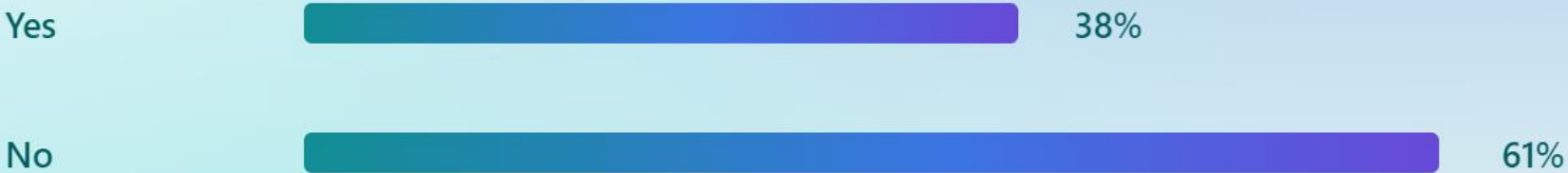
## When your inhaler is empty do you



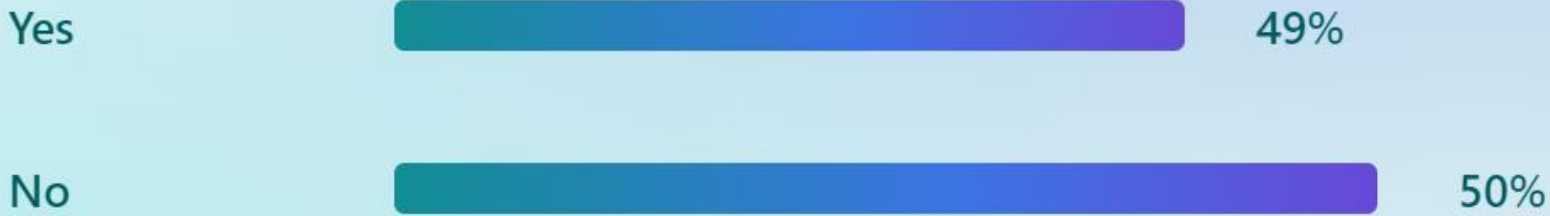
We more than doubled the % of people who are returning their inhalers to a pharmacy



Are you aware that inhalers cannot currently be recycled in domestic recycling?

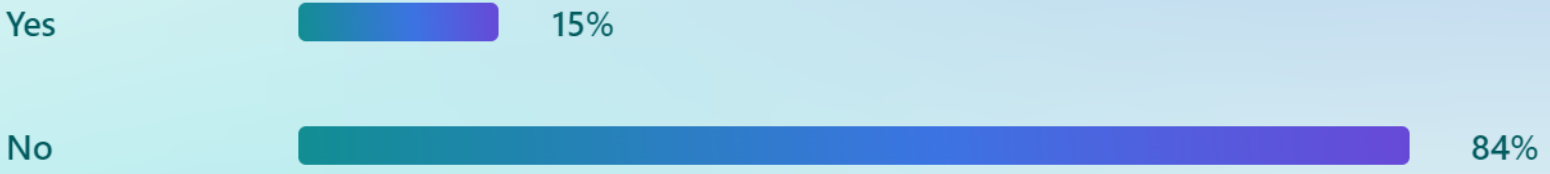


Are you aware that inhalers cannot currently be recycled in domestic recycling?

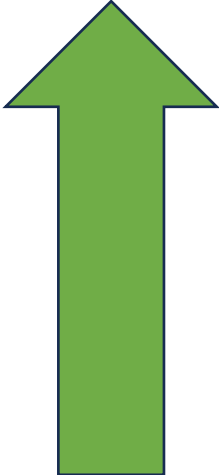
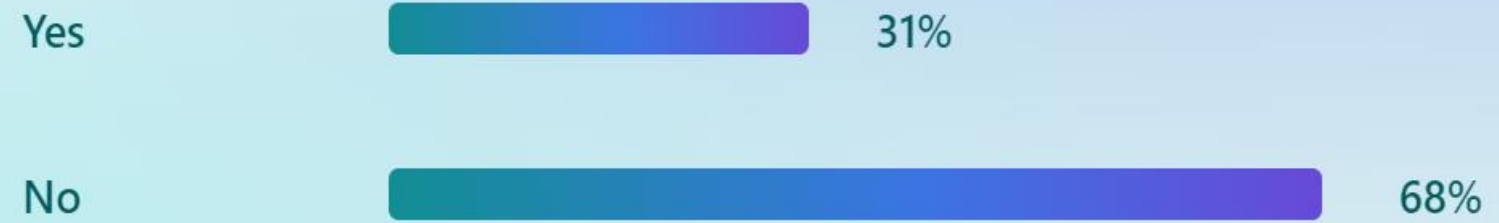


Awareness that inhalers cannot currently be recycled in domestic recycling by 11%

Currently the most environmentally friendly way to dispose of inhalers is to return them to a pharmacy for incineration which significantly degrades th...



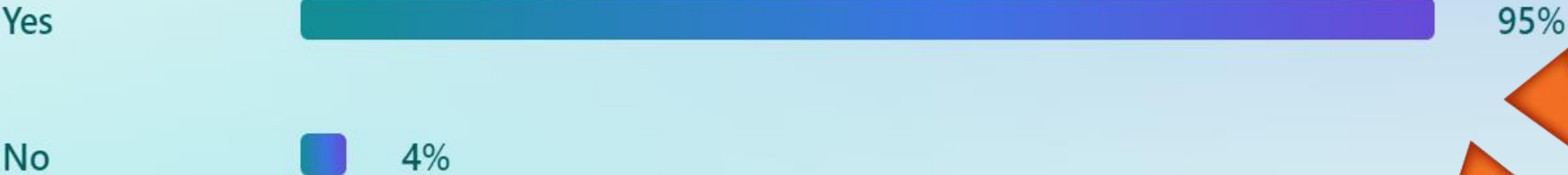
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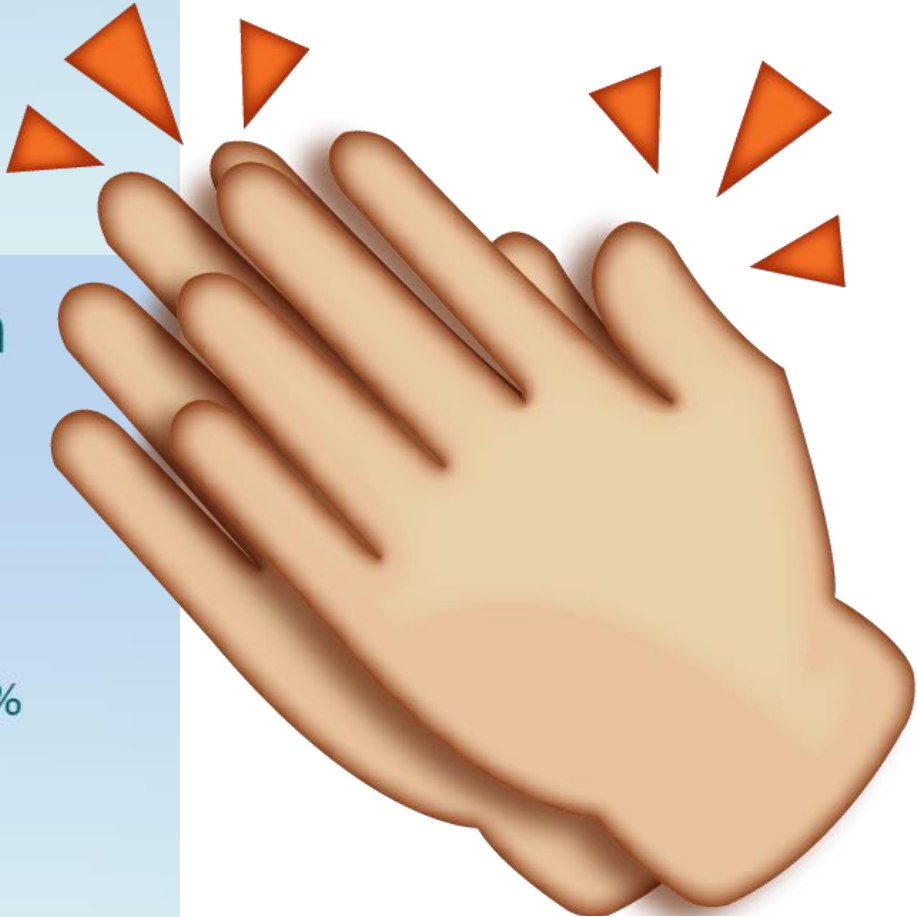
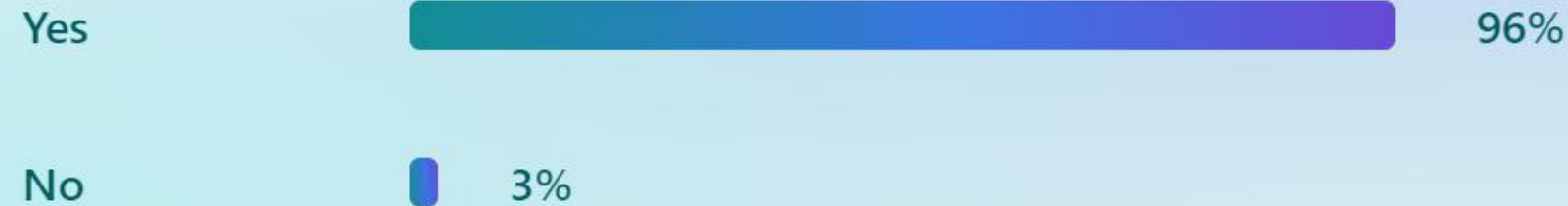
Awareness of the most environmentally friendly way to dispose of inhalers by 16%



# Would you be happy to return your inhaler to a pharmacy?




# Would you be happy to return your inhaler to a



# Impact of the Sheffield Childrens Hospital Bins.....







**You never stay the same. You either get  
better or you get worse.**

Jon Gruden

# RETURN ON INVESTMENT



**An additional 206110 inhalers in total estimated being disposed of correctly**

**An additional 73498 pMDI inhalers estimated being disposed of correctly**

**A potential additional XXXXX kgCO<sub>2</sub>e estimated being saved from release into the atmosphere**







Engage with other trusts

Bins in other sites?

Care homes

Email banner

Recycling?



**RETURN YOUR USED INHALERS TO ANY LOCAL PHARMACY WHEN IT IS EMPTY TO HELP THE ENVIRONMENT**

**Make each puff count! – Only order your inhaler when required to reduce waste**



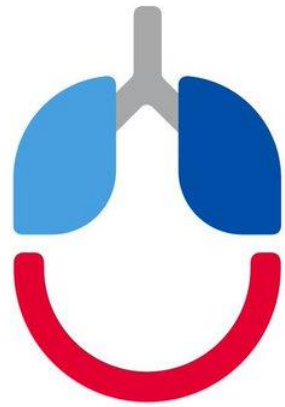


 Leicestershire  
**Take AIR**  
ACTION FOR INHALER RECYCLING

**Do you want  
to help recycle  
empty, unwanted,  
or out-of-date  
inhalers?**

# RECYCLE your inhalers

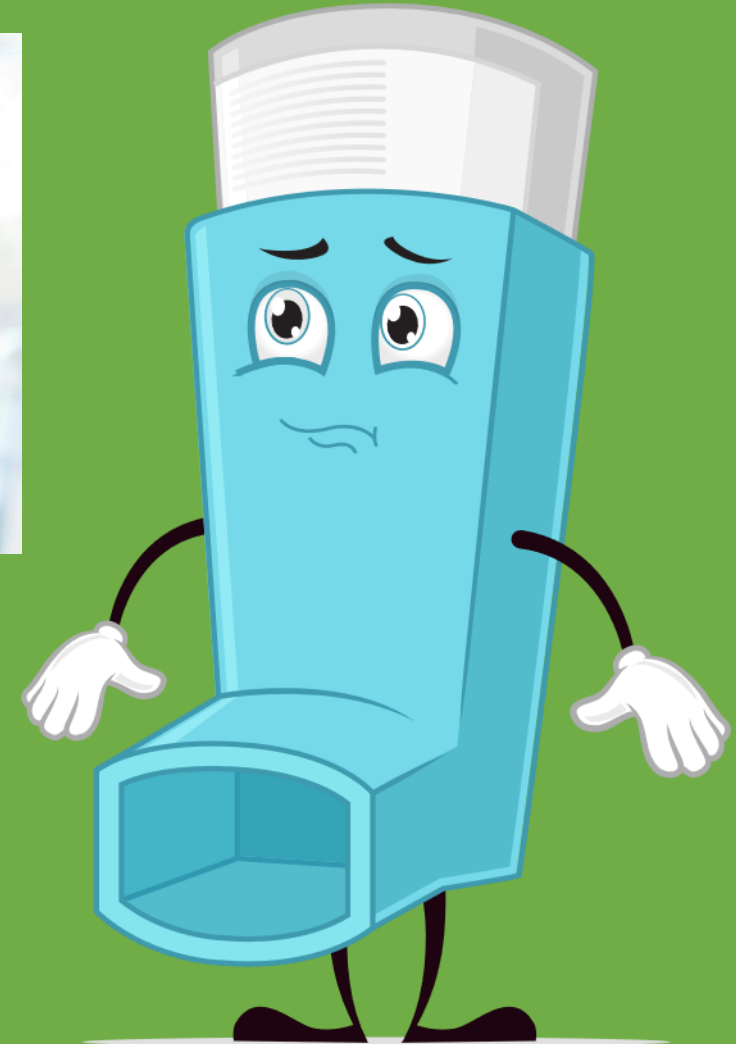
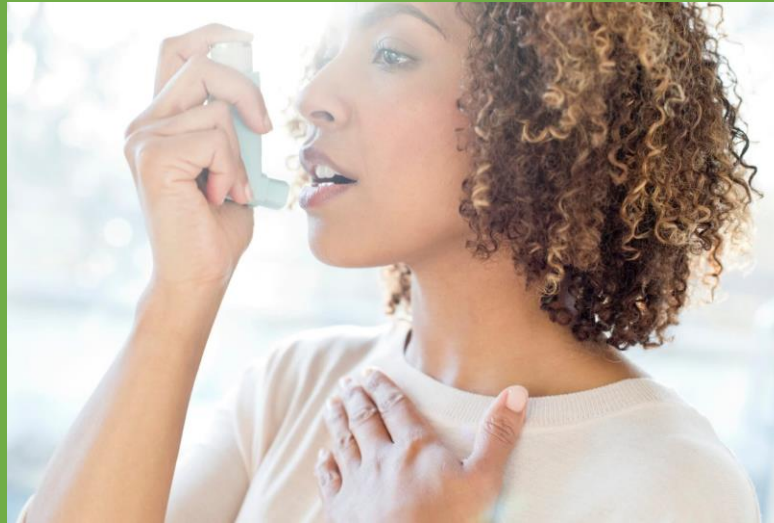




**Taskforce for  
Lung Health**



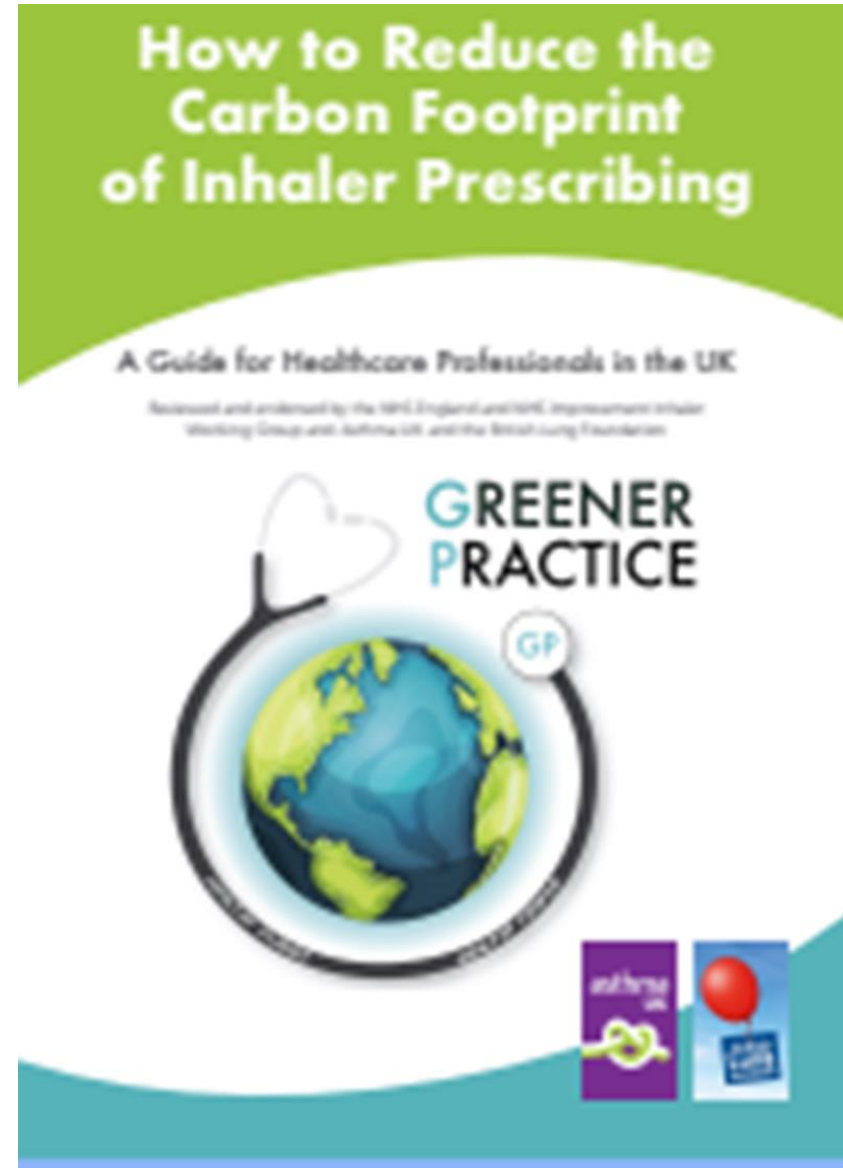
# Other Hot Topics for Green Respiratory



HFA152a



Bulletin 295: Inhaler carbon footprint







A hand is holding a white rectangular sign against a bright blue sky filled with white, fluffy clouds. The sign has the text "Any Questions?" written on it in a black, casual, handwritten font. The sign is tilted slightly upwards and to the right. The hand is visible on the left side of the frame, gripping the bottom edge of the sign.

Any Questions?