



Greener
Primary
Care Wales

Greener Primary Care Wales

2022 Yearbook

A collection of case studies
to celebrate the first year
of the Scheme



Canolfan Datblygu ac Arloesi
Gofal Sylfaenol a Chymunedol

Datblygu Gofal Sylfaenol yng Nghymru

Primary and Community Care
Development and Innovation Hub

Developing Primary Care in Wales





Greener Primary Care Wales

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Eluned Morgan AS/MS

Y Gweinidog Iechyd a
Gwasanaethau Cymdeithasol
Minister for Health and Social
Services

Foreword

In 2019 Wales became the first parliament in the world to declare a climate emergency. For the people of Wales and our future generations, climate change is one of the biggest threats to our health, economy, and our natural environment.

The link between climate change and health is very clear. The health sector not only works hard to combat the consequences of climate change when patients present in ill health, but also contributes to climate change through its high carbon emissions and waste production.

The vast majority of the contact that people have with NHS Wales is via primary and community care. These local services therefore have a vital role in becoming more climate conscious and to mitigate against climate change.

This Yearbook celebrates the first year of the Greener Primary Care Wales Framework and Award Scheme. The first of its kind in Wales, the Scheme is designed to support our community pharmacies, general practices, primary care dental surgeries and optometry practices to take action.

The Yearbook recognises primary care teams that have participated in the first year of the Scheme and are working to become more environmentally friendly. It provides a collection of practical case studies for others to learn from and be inspired to follow.

In the words of one of the participating teams “we don’t need a few doing it perfectly, we need millions doing it imperfectly”.

I acknowledge the effort involved in becoming more environmentally friendly alongside the existing pressures and challenges within the primary care sector. I urge you to use this Yearbook, and to join the Greener Primary Care Wales Framework and Award Scheme to start your journey and make your contribution to tackling climate change. By working together and making positive changes we can achieve a healthier, fairer and greener Wales.

Eluned Morgan AS/MS

Introduction



The global challenge of climate change will require collective efforts on an unprecedented scale. As the first parliament in the world to declare a climate emergency in 2019, and following the landmark [Well-being of Future Generations \(Wales\) Act](#) in 2015, Wales' approach to sustainable development is firmly embedded in everything we do. The Welsh Government is committed to creating a greener, stronger and fairer Wales and has a statutory duty to act on climate change across all sectors.

[Net Zero Wales](#) sets out the ambition for the Welsh public sector to be collectively net zero by 2030. This will require a drastic reduction in emissions from hundreds of organisations, including the NHS. Furthermore, the longer-term legally binding target of net zero emissions across all sectors by 2050 highlights the need for collective action involving the private sector, such as independent primary care contractor services.

The carbon footprint of healthcare is equivalent to 4.4% of global net emissions; it is therefore a significant contributor towards climate change. However, the negative impacts of climate change on population health and well-being will also have adverse consequences for primary and secondary care through increased workload and direct impacts on staff health and well-being. Disruptions due to increasingly adverse weather conditions will become more frequent and severe, making it more challenging to deliver services.

Involving healthcare providers in positive climate action is therefore a priority.



The key areas to address have been described in the [NHS Wales Decarbonisation Strategic Delivery Plan](#) and are predominantly through the use of pharmaceuticals, staff and patient travel, and the procurement of medical equipment and supplies.

By taking positive action together, primary care can make a large cumulative impact. As trusted healthcare professionals, your behaviours in a work setting can also inspire others to act personally. If we all take small steps, reaching the end goal will be achievable. This has been the driving ethos of the Greener Primary Care Wales Framework and Award Scheme.

The Greener Primary Care Wales Framework and Award Scheme

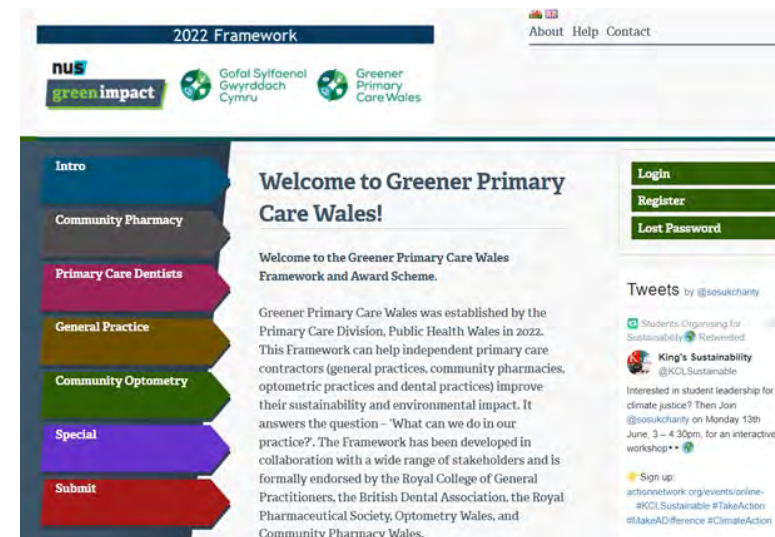
The Greener Primary Care Wales Framework and Award Scheme, led by Public Health Wales, was launched nationally in June 2022. It is the first of its kind in Wales and is delivered in partnership with [SOS-UK Green Impact](#). It has also been endorsed by several professional bodies as part of the Scheme's Expert Group.

Greener Primary Care Wales is a free online framework consisting of a suite of clinical and non-clinical 'green' actions. Each action is accompanied by further information and resources to help with implementation. Practices self-select which actions to complete and one point is achieved per completed action, pending an audit at the end of the year. As the number of actions completed increases, so does the level of award achieved (from bronze, to silver and gold).

Following a successful national pilot at the start of 2022 and acceptance as a [Bevan Exemplar](#) project, the Scheme has grown throughout the four primary care contractors in Wales. At the end of year one over 100 practices had registered, including 162 individuals, and as a result of their involvement, an incredible 638 climate mitigating actions were implemented. These actions ranged from installing more energy efficient lighting options to reviewing their choice of business bank.

Further information about the Scheme can be found by going to the [Primary Care One](#) website or by scanning the QR code below.

A [short animation](#) produced by the Primary Care Division provides a helpful overview to the Scheme.



Registered Practices



Aneurin Bevan University Health Board	Bridge Dental Care	Primary Care Dentists
	Team Willner Dental	
	The Dental Centre Oakdale	
	Blaina Medical Practice	General Practice
	Bryngwyn Surgery	
	Glan Rhyd Surgery	
	Hereford Road GP Surgery	
	Mount Pleasant Practice	
	Nantgarw Road Medical Centre	
	New Chapel Street Surgery	
	Old Station Surgery	
	St David's Clinic	
	St Paul's Clinic	
	Town Gate Practice	
	Wye Dean Practice	
	Bateman Opticians	Community Optometry
Ebbw Vale Optical Centre		
Monnow Eyecare		
Rhymney Optical Centre	Community Pharmacy	
JDS Evans Pharmacy		
Nelson's Pharmacy		
New Inn Pharmacy		

Betsi Cadwaladr University Health Board	Bulkeley Dental Practice	Primary Care Dentists
	Colwyn Bay Total Orthodontics	
	Ruabon Road Dental Practice	
	Bradley's Practice	General Practice
	Bronyffynnon Surgery	
	Cadwgan Surgery	
	Hope Family Medical Centre	
	Meddygfa Victoria Surgery	
	Pendre Surgery Mold	
	Buckley Eyecare	Community Optometry
	Home Vision Care	
	Rook & Thomas	
	Penyffordd Pharmacy	Community Pharmacy

Cardiff & Vale University Health Board	Hywel Samuel and Associates	Primary Care Dentists
	The Parade Cardiff	
	Wilson Road Dental Practice	
	Court Road Surgery	General Practice
	Fairwater Health Centre	
	Llan Healthcare Green Team	
	Meddygfa Canna Surgery	
	North Cardiff Medical Centre	
	North Road Medical Practice	
	Redlands Surgery	
	The Practice Of Health	
	Whitchurch Medical Centre	
	Annette Dobbs Eyecare	
	Canton Optical Ltd.	
	Penarth Eye Centre	
	Boots Tŷ Glas	Community Pharmacy
Hopwoods Pharmacy		

Cwm Taf Morgannwg University Health Board	Brackla Dental Surgery	Primary Care Dentists
	Community Dental Service CTM UHB	
	Gentle Dental Aberdare	
	Llynfi Dental Practice	
	Pencoed Dental Ltd.	
	Porth Dental Teaching Unit	
	Porthcawl Dental Care	General Practice
	The Croft Dental Practice	
	Vale View Dental Care	
	Bron-Y-Garn Surgery	
	CTMUHB GMS Team	
	Cwm Garw Practice	
	Ferndale Medical Centre	
	Heathbridge House Surgery	
	Highlight Park Medical Practice	
	Parc Canol Group Practice	
Tylorstown Surgery	Community Optometry	
Tyncoed Surgery		
C.N. O'Leary Opticians		
Cwm Taf Morgannwg Optom		
Merthyr Optical Centre		
Mountain Ash Optical Centre		
Specsavers Porthcawl		

Hywel Dda University Health Board	Cardigan Dental Practice	Primary Care Dentists
	Celtic Dental Practice	
	Quayside Orthodontics	
	Avenue Villa	General Practice
	Borth Surgery	
	Cardigan Health Centre	
	Llynfrfan Surgery	
	Preseli Practice	
	Robert Street Surgery	
	Saundersfoot Medical Centre	
	Ystwyth Medical Group	Community Optometry
	Celia Vlismas Opticians	
Probert & Williams Eye Care		

Powys Teaching Health Board	Dyfi Valley Health	General Practice
	Llanfyllin Practice	
	Montgomery Medical Practice	
	Ystradgynlais Group Practice	
	Jonathan Partridge Optometrists	
Specsavers Brecon		

Swansea Bay University Health Board	Cwmbwrla Dental Practice	Primary Care Dentists
	Eastside Dental Practice	
	Glynneath Dental Practice	
	Talbot Road Dental Practice	
	Time For Teeth Dental	
	Abertawe Medical Partnership	General Practice
	Brynhyfyd Medical Centre	
	Dulais Valley Primary Care Centre	
	Fforestfach Medical Group	
	Harbourside Health Centre	
	Kingsway Surgery	
	Gower Opticians	
Knights Pharmacy Taibach		
Vale of Neath Pharmacy	Community Pharmacy	

The Year in Numbers

109 TEAMS **162** INDIVIDUALS

638 POSITIVE ACTIONS TAKEN

14% GPs ACROSS WALES REGISTERED

8% OF ALL PRIMARY CARE PRACTICES IN CTM UHB REGISTERED

2,919 WEBSITE VIEWS



Article IN NATIONAL JOURNAL (Optometry Today)



£5,000 FUNDING AWARDED from the Health and Social Care Climate Emergency National Programme to fund a 2022 Yearbook

30 STUDENTS trained as student auditors

511 COLLEAGUES estimated reach across the award-winning practices

PRESENTATIONS AT NATIONAL CONFERENCES (e.g. Royal Pharmaceutical Society Conference in London)

BILINGUAL LOGO DEVELOPED



16 BRONZE AWARDS **11** SILVER AWARDS **8** GOLD AWARDS

9x MONTHLY NEWSLETTERS



17 TREES sponsored in the NHS Forest



Case Study Introduction

This Yearbook has been developed to celebrate the successes of practices involved in the Scheme and contains a collection of practical case studies to inspire others to register and take action.

There are many great examples of actions that practices across all settings are implementing. As of November 2022, we have calculated a total of 638 actions. We are unable to showcase all the work but are delighted to present a small selection of case studies volunteered by a number of practices that have gained an award this year.

We hope that by sharing this learning it will inspire others to take the same actions and follow suit.





Boots Tŷ Glas, Cardiff

COMMUNICATING WITH OTHERS ABOUT PARTICIPATION IN THE SCHEME

WHAT WE DID

At the end of January 2022, we received the news that we were to be part of the Greener Primary Care Wales pilot. We chose actions that would get staff on board, support a team approach to this agenda and ultimately allow us to influence our primary care colleagues and our patients. As we are a community pharmacy with a large staff headcount, it was soon apparent that to promote our participation in the Scheme would be a huge undertaking for one person. Communication would be key. We started to think about communication with the team, with our employers and with our customers. All three would need to play their part.

One of the activities we implemented was to develop a staff WhatsApp® group. We agreed that this method of communication would be green, interactive, scalable and fun. We decided that WhatsApp® would be a better way to communicate as opposed to email because messages are instant, colourful, and dynamic and can be shared easily with those who have an interest. Email tends to be inherently 'wordy' and easy to ignore with blanket delivery often falling on deaf ears.

HOW WE DID THIS

In February 2022 the 'Greener Tŷ Glas' WhatsApp® group was born. It provides a safe space to share success, ideas and challenges and I hope it will continue well into the future. A QR code was created to help work colleagues join the group. We also utilised team briefings, emails and our noticeboard to promote the green work and encourage staff to join the WhatsApp® group. To date, the group has 12 active members of practice staff.

Implementing this action provided us with a number of challenges:

- Dealing with the reality of working for a large multiple corporate company and the governance that is required. Uploading evidence to the framework needed Support Office assistance. We realised very early that one of the biggest barriers in working for such a large organisation was knowing 'who' to speak with. However, as soon as we were put in touch with the Environmental Social Governance team at Support Office we were able to progress this work.
- Communicating our involvement in the Scheme with other primary care colleagues has been difficult as few were familiar with the Greener Primary Care Wales initiative and the actions we were implementing as part of the Scheme, e.g., green inhaler choices and recycling. Two local GP practices were contacted early in the process to test their understanding and appetite for involvement. As awareness of the green agenda improves, it is hoped that collaborative working may be enhanced and we see more local green initiatives across primary care. This will help improve the messaging to patients and this will be seen with improvements in inhaler choice and safe disposal.



WHAT DIFFERENCE CAN DOING THIS MAKE?

All dispensary team members are now aware of our participation in the Greener Primary Care Wales Framework and Award Scheme and are being asked to complete Module 1 of [SEE Sustainability Online Carbon Literacy for Healthcare](#) training which is a free online learning resource. The wider team are being encouraged to look at their personal carbon footprint by using the [WWF calculator](#) online.

Before participating in this Scheme conversations about climate change and its effects were rare. Team members were not encouraged to talk about climate change and any available channels for recycling and minimising waste were underutilised. However, by encouraging a 'greener' team focus, communicating and sharing ideas, and celebrating successes we have started to change this.

The 'Greener Tŷ Glas' WhatsApp® group has proved really useful in getting the wider team involved in this initiative. This is especially useful when staff work different hours or on different days. It allows us to stay connected, share ideas and work as a team.

TOP TIPS

This process has shown me that most people will consider change if it is put to them in a way that they have a choice and with benefits that they can see.

As healthcare professionals we are all familiar with the three pillars of 'Safety', 'Efficacy' and 'Quality'. Now is the time to add a fourth equal partner - 'the Environment'. It must become part of every decision we make if we are to reach net zero by 2030.

TO FIND OUT MORE

A review of carbon footprint calculators for use in primary care has been conducted [here](#).

CONTACT

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FRAMEWORK ACTION

CARBON MANAGEMENT

The practice communicates and promotes (to staff and the public) the practice's participation in the Greener Primary Care Framework and Award Scheme.

There is a regular discussion with the practice staff and wider MDT about the health impacts of climate change, raising awareness of the adaptation and mitigation required. The discussion includes which actions they can take personally as well as within a work context.



Brackla Dental Surgery, Bridgend



PLASTIC-FREE ORAL HYGIENE PRODUCTS (Dental-specific)

WHAT WE DID

I had been involved in my children's school Parent-Teacher Association with regards to implementing a local TerraCycle® Scheme and I was very encouraged with how quickly it took off and trickled down into families changing their recycling habits at home. This made me realise that we had the potential as a business to influence not only our team's behaviour, but also our patients, and eventually contribute to a community effort to reduce our carbon footprint.

TerraCycle® is an innovative recycling company that offers a range of programmes and solutions for waste and hard-to-recycle materials.

We decided to focus on the range of toothbrushes and cleaning products that we sell, as traditionally we had always stocked products that were all plastic-based and quickly disposable! We had explored using bamboo manual toothbrushes ourselves and wanted to introduce a Philips Dental Care Recycling Programme collection point in work.

HOW WE DID THIS

Whilst considering the possible plastic-free alternatives, we discovered a new range of plastic-free alternative brushes (the GOOD range made by TePe®). These are made of 90% plant-based sourced material (remarkably from sugar cane!). The Swedish company has made fantastic efforts for them to be a very sustainable product by recycling 95% of the CO₂ produced at their 100% solar panel based energy facility.

We felt this was an exceptional product, which promoted exactly the kind of message we were aiming to communicate. It is the start of our new green range of oral hygiene products, which I hope to expand with more research.

We still sell plastic-based products, so to offset these we have linked up with the local TerraCycle® collection Scheme. Using the Philips Dental Care Recycling Programme, we are able to offer a collection point at our practice for any plastic dental products. These may be products used in the practice for surgery, for staff's own personal use or for our patients to drop off any used products from home.

We drop off our plastic products for recycling at the local TerraCycle® recycling Scheme's collection point using our electric company car. We advertise this collection point with posters in our waiting room and the Scheme is becoming more popular with the team and likewise patients are becoming more aware of it too.

We are lucky to have a fantastic dental team that has supported our effort. We discuss our green impact journey at every staff meeting to expand our ideas and identify other areas for improvement.



WHAT DIFFERENCE CAN DOING THIS MAKE?

I have learnt a great deal about how these small changes can add up to make a big difference.

TOP TIPS

I would encourage any practice to start making small and easy changes like this to begin their journey to becoming more climate conscious and environmentally sustainable.

TO FIND OUT MORE

Further information about TerraCycle® can be found [here](#).



CONTACT

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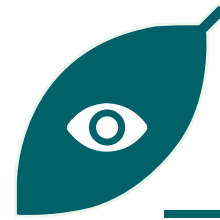
FRAMEWORK ACTION

PRIMARY CARE DENTISTS

The practice includes plastic-free oral hygiene products in its range of products for patients.



Buckley Eyecare, Flintshire



STAFF TRAVEL AUDIT

WHAT WE DID

Staff travel is one of the largest manageable elements of a practice's environmental impact. We therefore decided to discuss as a team within the practice, with other practices and Health Board Optometric Advisers, how to address staff travel.

We worked with an Optometric Adviser who had developed a neat electronic tool for use in Powys to record data for staff travel to facilitate a staff audit. Data on the distance travelled, working hours, mode of transport and availability of alternative modes of transport was collected. This was entered into an electronic table which produced a report. It's elegant and really effective!

HOW WE DID THIS

The practice manager ensures every team member has an annual appraisal covering performance, skills, and working patterns. We have been trying to make our staff appraisals more holistic, to support well-being and encourage and facilitate further studies and pursuits – even if they are not directly related to the job in hand.

This provided an opportunity to consider how our individual behaviours have an environmental impact. Therefore, this travel tool was perfect! Each team member completed the travel audit during their annual appraisal and a conversation with the manager followed.

WHAT DIFFERENCE CAN DOING THIS MAKE?

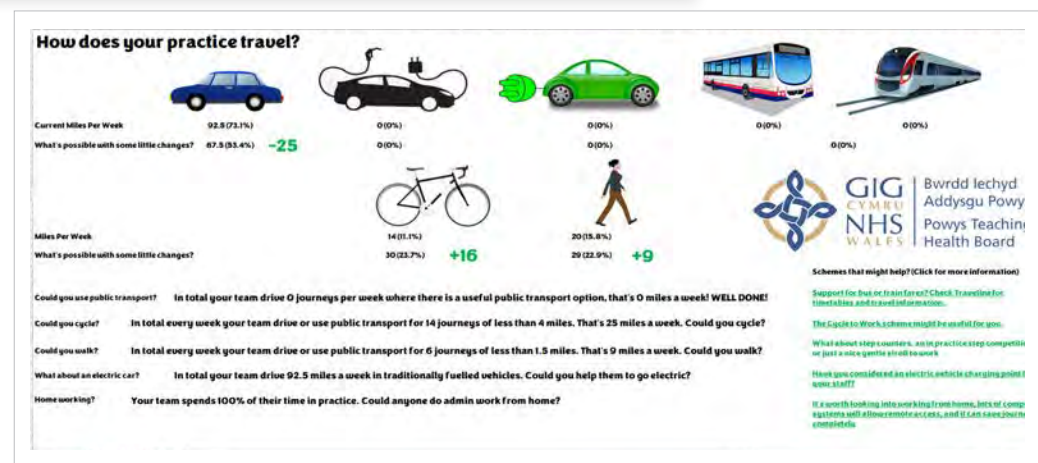
Doing a travel audit with staff and discussing the modes of transport to work has allowed us to realise on a daily basis that what is good for planetary health is also good for personal health.

It has stimulated positive behaviour change - we have seen an increase in walking to work and a fresh engagement with the Cycle to Work Scheme.

Using the tool during staff appraisals has enabled a broader conversation with staff about the environmental impact of the practice and Quality Improvement with regards to environmental impact actions.

With the agreement of the Optometric Advisor who designed the audit tool, the Primary Care Hub, Public Health Wales are adapting this for use across Wales. The tool will be available via [Primary Care One](#).

Staff Member Initials & Post Code	Distance from home to practice (miles to nearest 0.25 miles)	Days worked in practice per week	Days worked from home per week	Usual travel method	Is there a suitable public transport route?	Discuss with your team, what is a reasonable distance to:
TM	3.5	2	0	Cycle	Yes	Walk? 1.5 miles Cycle? 4 miles
SG	2	4	0	Driver: Diesel / Petrol Vehicle	No	
RTP	1.5	3	0	Driver: Diesel / Petrol Vehicle	No	
GL	1.25	4	0	Walk	No	
TW	1.25	5	0	Car Share Passenger	No	
VK	11.25	3	0	Driver: Diesel / Petrol Vehicle	No	
SR	1.25	4	0	Walk	No	



TOP TIPS

Be collaborative - don't expect to make a change alone. Quality Improvement requires quality engagement.

This particular action shows how a simple travel audit can make an impact, facilitate a conversation, and embed a culture.

TO FIND OUT MORE

Further information about the Cycle to Work Scheme can be found [here](#).

CONTACT

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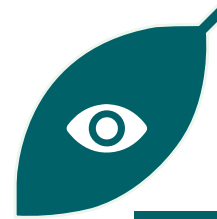
FRAMEWORK ACTION

TRANSPORT & SMART WORKING

The practice carries out a staff travel audit for permanent members of the practice team.



Canton Optical, Cardiff



USING AN ENVIRONMENTALLY FRIENDLY WEB SEARCH ENGINE

WHAT WE DID

We changed the default search engine on all work computers to [Ecosia](#). Ecosia is a search engine that uses revenue generated by search advertisements to fund tree planting projects around the world.

Deforestation can have a huge impact on climate change. I saw an opportunity to support a project that helps fight deforestation by doing something that we all do multiple times a day anyway.

HOW WE DID THIS

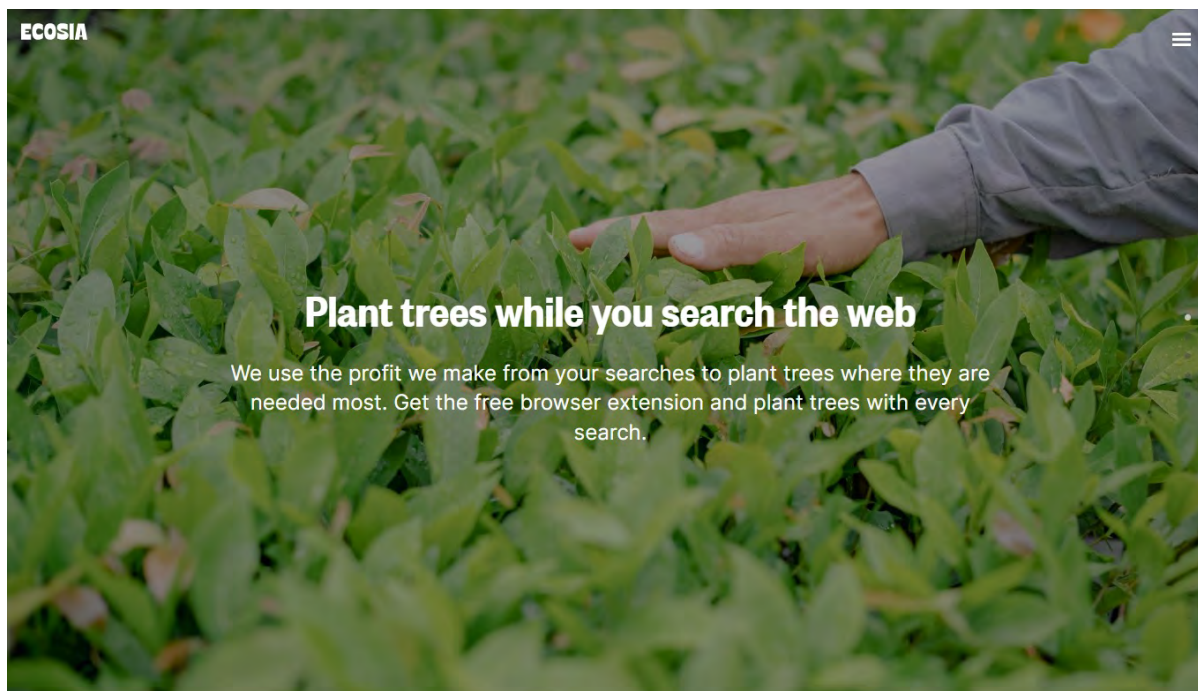
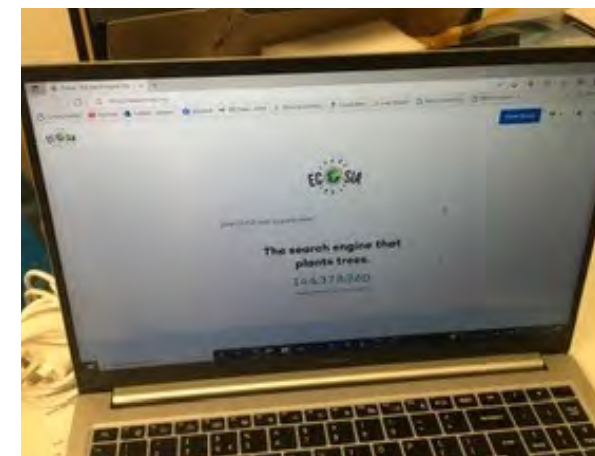
It was extremely easy to implement. It was simply a case of changing the default search engine settings in the web browser. It took minutes and doesn't cost anything.

I explained to all staff what I had done and why. I also suggested that they might like to make this change at home and on their smartphones.

There has been no noticeable difference between using Ecosia and using other search engines.

WHAT DIFFERENCE CAN DOING THIS MAKE?

Since implementing this action, across the practice, we have generated enough revenue to plant 1100 trees.



TOP TIPS

The webpage you're expecting to find may not be at the very top of the search, but it's still easy to find within the results. This is because of the way Ecosia funds their reforestation revenue by preferentially putting certain paid adverts at the top of the search.

TO FIND OUT MORE

A guide on how to make this change and use Ecosia as your default search engine can be found [here](#).



CONTACT

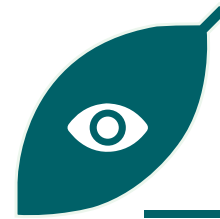
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FRAMEWORK ACTION

INNOVATION & CO-PRODUCTION

The practice has considered, tested and introduced a 'green' innovation not covered in this framework.

Canton Optical, Cardiff



BANNING THE USE OF DISPOSABLE PENS

WHAT WE DID

As a practice we're committed to consuming as little non-recyclable plastic as possible. I identified that we consume a lot of non-recyclable plastic material in our use of office stationery in the form of disposable pens. As a team, we made a commitment to stop using disposable pens.

HOW WE DID THIS

I started researching alternatives to disposable pens and found that the options were either very expensive or not, in my opinion, truly sustainable (i.e. disposable pens used from recycled materials).

I thought about what someone would use if pens were not available and remembered at school I had used a fountain pen. I then realised I would not have to use the disposable cartridges of ink and would instead be able to re-fill my fountain pen directly from a bottle of ink.

For some paperwork, such as those requiring carbon copies, we need to use an alternative to a fountain pen. In these instances we use ballpoint pens which have metal refill cartridges. We also use pencils for paperwork which is non-clinical.

Using a fountain pen is probably a little more expensive than disposable pens, but not significantly so. I would estimate only one to two bottles of ink are required every year per pen.

Disposable pens are banned in our practice and I encourage staff to use fountain pens. If any companies or representatives offer me pens I refuse them. The staff have all embraced the change well.

WHAT DIFFERENCE CAN DOING THIS MAKE?

Patients will often comment on my fountain pen and that will start a conversation about why I'm using it and our motivations behind it.

This has helped me educate our patients about climate change and what they can do themselves. It's also an opportunity to discuss other areas of our practice where we are trying to make improvements.



TOP TIPS

You don't need to apply as much pressure when writing with a fountain pen which means it's more comfortable to write for prolonged periods of time. This could be good for members of staff with joint conditions such as arthritis.

Practices could use this as an opportunity to have corporate branded fountain pens, if wanted.

CONTACT

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FRAMEWORK ACTION

PROCUREMENT

The practice preferentially buys sustainable stationery and office consumables.



JDS Evans Pharmacy, Newport



COMMUNITY PHARMACY INHALER REVIEWS

WHAT WE DID

We have been working on inhaler reviews for some time and won an award for this in 2012. We used this opportunity to include an environmental sustainability element to the reviews.

HOW WE DID THIS

We discussed and agreed with the local GP surgery that we would identify patients prescribed inhalers who present to our pharmacy. We then suggested inhaler switches to the GP surgery following a patient review at the pharmacy. We organised lunchtime meetings with the local GP surgery to get them on board.

Patients who collected regular repeat prescriptions from the pharmacy for high global warming potential (GWP) salbutamol metered-dose inhalers (MDIs) were identified from the pharmacy record system. A sample of 60 patients out of an eligible 300 were reviewed over a two-month period.

These patients were invited to attend a ten-minute appointment with the pharmacist. During the appointment, the pharmacist explained that the lower GWP inhalers are better for patients and better for the environment. In particular, the carbon footprint of a dry-powder inhaler (DPI) compared with an MDI was discussed. We explained that two puffs of a high GWP MDI releases 500g of CO₂ which is equivalent to two miles in a car. This multiplied up per inhaler device which usually includes 200 doses starts to add up.

The lower GWP inhalers are equally, and often, more effective and this message is important for the patient to understand. The lower GWP inhalers may be more expensive per unit cost but the benefits for the environment need to be considered.

Inhaler techniques were also checked and the use of DPIs demonstrated. It reinforced how easy and clinically effective a DPI was in managing their respiratory condition. We took the opportunity to link the inhaler review to an offer of influenza vaccination and smoking cessation advice to smokers to increase the impact on patients taking part.

With the patient's consent, a form was completed and sent to a Respiratory Nurse in a local GP surgery to change their prescription to a lower GWP inhaler. This was implemented in the GP practice.

This action was time consuming, which is demanding, however, it is not a difficult consultation to have on a one-to-one basis.

WHAT DIFFERENCE CAN DOING THIS MAKE?

Approximately 50% of the 60 eligible patients were switched from a high GWP salbutamol MDI to a more environmentally friendly inhaler. This has saved 32 tonnes of carbon which is equivalent to 100,000 km in a diesel car.

We developed a great rapport with the Respiratory Nurse and Practice Pharmacist.



TOP TIPS

Involving the GP surgery from the beginning is vital to how successful the switching is.

Collaborate with a practice pharmacist and respiratory nursing team in the local surgery.

Working together with those who will process the prescription change requests in partner GP surgeries is really important.

TO FIND OUT MORE

The All Wales Adult Asthma Management and Prescribing Guidelines and All Wales COPD Management and Prescribing Guidelines can be found [here](#).

Information about the carbon footprint of inhaler use within primary care in Wales can be found [here](#).

CONTACT

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FRAMEWORK ACTION

COMMUNITY PHARMACY

Inform and educate patients on the carbon footprint of commonly prescribed inhalers to promote patient-driven change.



Llanfyllin Group Practice, Powys



CARBON FOOTPRINT CALCULATION

WHAT WE DID

As a practice, we have always been conscious of the need for us to look at ways of becoming more energy efficient.

We are a three-site GP practice, covering over 600 square miles. Two of our three buildings are older and desperately in need of investment. We felt that by calculating our carbon footprint we would have a baseline to be able to measure, over time, how any actions and improvements were having an impact on our carbon footprint.

We used the See [Sustainability GP Carbon Footprint Calculator](#) to implement this action. I, as the Practice Manager and the Finance Lead, collated all the data necessary to input into the calculator. The rest of the practice team were made aware of this work.

HOW WE DID THIS

We weren't sure initially whether to attempt completing a carbon footprint for each individual site or one for the estate as a whole. We decided on each site initially and set off to complete the calculator online.

I set aside some time when we were generally not quite so busy to input the data into the calculator and I realised quite quickly that it would take longer than I initially anticipated. You only find out what data you need to input as you progress through the calculator so I had to keep saving and coming back to the calculator to input more data. It wasn't that difficult to do and would certainly be much quicker if you had everything to hand to complete in one sitting.

Having made the calculation, it was great to have our carbon footprint as a baseline for the practice to build on. This meant we could measure our footprint to then start implementing other areas of the Greener Primary Care Wales Framework. We hope to use the calculator again to repeat our carbon footprint calculation and hopefully see that we've made reductions to our score.



WHAT DIFFERENCE CAN DOING THIS MAKE?

It's a little early yet for us to see whether we've made any long-term impacts. Our plan is to use the calculator again early next year to review progress.

Completing the calculation has raised awareness and has encouraged the team to commence a number of other actions. We can already see the impact in how people use energy in our building; lights are being turned off when people leave a room, electric items are not being left on standby, and everyone seems to feel more conscious of their individual impact on energy consumption in the workplace.



TOP TIPS

Start with one area you want to tackle first, get everyone in your team on board and keep sharing feedback and suggestions as you go along to keep everyone involved.

Let patients know that you are working towards becoming a greener practice. Keep green issues as a standing agenda item at all of your team meetings and most of all share best practice as widely as you can in your community and further.

You won't regret starting your greener journey, ask for help along the way and enjoy seeing your practice progress.

TO FIND OUT MORE

Further information of how to calculate the carbon footprint of your practice can be found [here](#).

CONTACT

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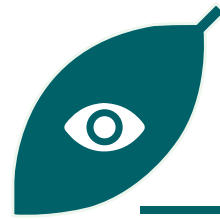
FRAMEWORK ACTION

CARBON MANAGEMENT

The practice has taken action to identify how sustainable their practice is and/or have measured their carbon footprint.



Probert & Williams Eyecare, Aberystwyth



REUSING SPECTACLE CASES

WHAT WE DID

We hadn't previously thought of advising patients to reuse their spectacle cases and not automatically supplying a new case every time, but when we thought about the potential carbon footprint given the number of cases used each week (and each case weighing ~110g each), we quickly realised that this was worth looking into.

Even by reducing the use of cases by a modest amount we could reduce the number of products being shipped across from China (where the majority of these products are made) significantly over longer time periods.

HOW WE DID THIS

We spoke to all dispensing staff and asked them to inform patients about the opportunity to decline a new case when they collected their spectacles.

We designed a poster which was placed behind reception to tally up the number of patients who declined a case. We also produced small leaflets explaining the initiative to patients.

We researched Wales-based environmental charities and came across 'Size of Wales', who provide funding and expertise to local communities to protect tropical rainforests and decided to pay a small amount (£1) to the charity for every case declined.

It had little impact on our day-to-day business with minimal requirement from staff.



WHAT DIFFERENCE CAN DOING THIS MAKE?

It has definitely reduced the amount of cases we are supplying to patients. Staff found the initiative straightforward to fit into their routine and some patients were incredibly positive about this.



TOP TIPS

Getting staff 'buy in' is very important.

TO FIND OUT MORE

Further information about Size of Wales can be found [here](#).



CONTACT

directors@probertandwilliams.co.uk

FRAMEWORK ACTION

COMMUNITY OPTOMETRY

The practice advises patients about whether a new case is required every time new spectacles are purchased.



Ruabon Road Dental Practice, Wrexham



INSTALLING SOLAR PANELS

WHAT WE DID

We were inspired to look into installing solar panels as a form of energy generation for the high levels of electricity used in dentistry. Our building is old and situated in a conservation area so doesn't have the potential that newer properties and buildings without covenants have to be eco-friendly. We are limited to the physical changes we can make to the infrastructure.

Electricity is required for all high-speed drills and equipment, specialist lighting, compressor chairs, industrial fans, digital scanning etc. We operate nine surgeries so felt it was important that we lower our carbon footprint in as many ways as possible.

Once we had agreed to go ahead with the solar panels and had all the necessary site visits, installation only took one day.

HOW WE DID THIS

We had to be confident that this level of investment was justifiable. There are no subsidies or grants available for dental practices in Wales to make sustainable improvements. Generally, VAT is applicable for the installation of solar panels on commercial buildings, unlike the VAT exemption on residential properties. As an NHS practice, we cannot be VAT registered therefore we would be charged VAT at 20% and not be able to reclaim it.

Our front facing property is in a conservation area meaning we aren't able to make any physical changes to that side of the building. We submitted an application to the council to have panels on the front considered but it was rejected. A site visit found an area on the rear of the building that whilst not as effective as the front of the building would still produce relatively good results.

Implementation involved the following:

- Engineer site visit to see where the panels would be sited and how much solar energy would reach them
- Electrician site visit to assess the feasibility of running cabling from the laboratory next door and through the building
- Signed off order, paid a deposit, booked installation date
- Scaffolding erected two days before installation and removed five days after (in case any issues needed rectifying)
- One day installation

There were logistical challenges worth noting:

- Due to the complexity of the wiring, the power needed to be switched off several times throughout the morning in certain parts of the building. This caused a lot of disruption to the phone lines and some surgeries. We also hadn't been forewarned that the front door access would be blocked all day. Fortunately, we were able to text most patients before their appointments and advise them to use the rear entrance

- On installing the panels the fitters realised that there were two skylights meaning only nine not ten solar panels could be installed. This impacted the calculations we had been given demonstrating the amount of energy we would produce. We agreed to continue with nine panels as we were already committed. We requested revised calculations on energy produced and a refund for one less panel.

WHAT DIFFERENCE CAN DOING THIS MAKE?

It is anticipated that we will produce 3,290 kW/year. As well as producing renewable energy it would bring a cost-saving to the business of £38,000 after 20 years. The results will be more significant when the longer, brighter days return but we can still monitor the energy being generated at all times.



TOP TIPS

We have written about the installation of solar panels to our patients via our newsletter. We hope that this might encourage some to follow suit.

CONTACT

louise.rees@wrexhamdentist.co.uk

FRAMEWORK ACTION

BUILDINGS & ESTATES

The practice has considered physical improvements to the structure of the building to make it more environmentally sustainable and can demonstrate a clear rationale if it is not deemed feasible.



Ruabon Road Dental Practice, Wrexham



MOVING TO A PAPERLESS SYSTEM

WHAT WE DID

As a practice we are conscious of the environmental impact of paper waste, and therefore decided to introduce paperless systems across the business some time ago. As part of the Greener Primary Care Wales Framework, we reviewed our systems and identified more areas that could become paperless.

We looked for digital solutions to replace our personnel records, patient treatment plans and consent forms, patient letters, personal prevention plan cards, receipts and appointment reminders.

HOW WE DID THIS

We keep all personnel records in digital format including certificates and policies using the dental compliance software i-Comply.

Private treatment plans and consent forms can now be sent to the Clinipad (in the same way that the patient portal is) so that private patients can sign their plans and consent forms in practice on-screen. The digitally signed consent form is uploaded and a copy emailed to the patient. Patients that have had a video consultation and did not attend the practice are emailed their treatment plan to sign electronically and return via 'DocuSign®'.

Letters for outstanding treatment, outstanding payment, failure to attend appointments and deregistration letters are now firstly sent by email or discussed with patients over a phone call.

We have converted the copy of the next day's appointment diary for clinicians, which used to be in hard copy and printed off daily, into a PDF which is saved on workplace so it can be accessed in the event of a server failure.

We use a digital version of the personal prevention plan card for NHS patients. Those patients who require no immediate action have their digital cards emailed to them (green ACORN). Patients requiring action are still given a hard copy as dentists need to complete this with the patient so they have a record of the advice and can book further appointments (amber & red ACORNs).

Patients are informed at the reception desk that their receipt will be sent by email and appointment reminders will also be sent by email or text.

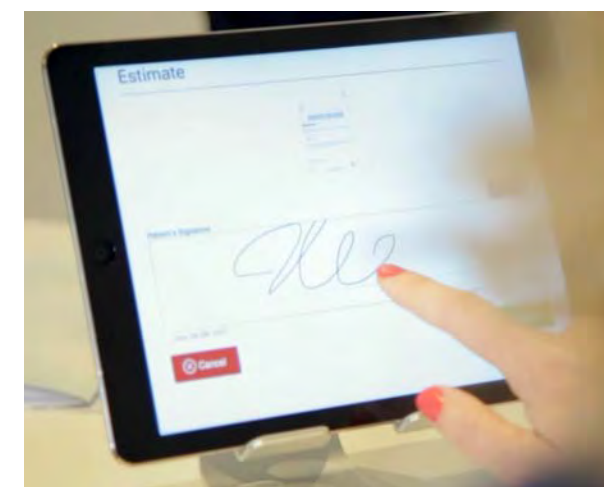
We have also stopped using non-recyclable window envelopes and have installed non-confidential paper waste bins for recycling.

Our paperless system across the business also includes:

- All Practice Record Wales forms are completed on the Clinipad® in practice or online via the patient portal which is texted or emailed to the patient prior to their visit.
- 98% of recall and appointment reminders are sent to patients via text or email.
- All practice plan sign-ups are completed online by patients in practice or at home.
- 24-hour online payment facility.

WHAT DIFFERENCE CAN DOING THIS MAKE?

We are confident that we are as paperless as we can currently be. We will continue to work with the NHS and patients to eradicate paper forms completely and to work towards zero postage.



TOP TIPS

The Greener Primary Care Wales Framework and Award Scheme prompted us to look more closely at this action and as a result our team flagged up more paper systems we could reduce.

TO FIND OUT MORE

Further information about i-Comply can be found [here](#) and Clinipad found [here](#).

CONTACT

louise.rees@wrexhamdentist.co.uk

FRAMEWORK ACTION

WASTE

The practice is minimising the number of paper letters sent out by, or on behalf of, the practice.



Talbot Road Dental Practice, Port Talbot



CREATING AN OUTSIDE GREEN SPACE

WHAT WE DID

We wanted to create a green space where our team can go to relax at lunchtime, or just step out for a quick 'mask-free' break. Our practice is on an urban street, however despite this we felt we had some space to better utilise.

We wanted to use the gravel rear garden that the owners used for parking to create a garden to help insects and birds thrive and to be enjoyed by staff. The design had to allow space to park two cars.

HOW WE DID THIS

Our first step was to construct a gate at the rear of the property for privacy, to reduce litter from the lane blowing into the garden and to stop dogs using the area as a toilet.

We collected a top up of gravel from a staff member's garden who was also renovating their garden to increase wildlife and biodiversity at home. This would have otherwise gone in a skip.

One staff member introduced a bird feeder. Straight away, more birds were visiting. Unfortunately, we had to remove our bird feeder as squirrels were taking all the food and then they chewed through an electric cable! Unperturbed we installed a bird nesting box donated to us. We now have plans for a hedgehog house and a bug hotel.

Two old planters picked up from our local civic amenity site were painted with recycled paint providing some privacy. We have also reused planters that have been donated by the team.

We have asked friends and family for plants and have grown cuttings ourselves. We have tried to use plants that encourage pollinators. Another member of staff started planting a border with three trees; two of which were free from The Woodland Trust, and other shrubs that will provide plenty of berries for the birds and with a bit of luck some plums for us!

We have started a herb garden in recycled containers that the team are welcome to pick. Our tea brewed with our chocolate mint leaves is very popular.

Needing somewhere to sit, we were lucky enough to have picked up a free table and chair set, that otherwise would have gone to landfill. After a little TLC it provided a lovely area for the team to socialise.

We have installed a solar water fountain which also doubles up as a bird bath, however, we recognise that this is very much dependent on the local weather in Port Talbot!

We are really proud of what we have achieved so far and look forward to watching it grow. We are still using the garden every day.

WHAT DIFFERENCE CAN DOING THIS MAKE?

We have been pleasantly surprised by the effect the garden has had not just on our team, but also on our local community. We have had neighbours we have never spoken to stopping to chat.

The team were most appreciative of the space during the summer, especially in the heatwaves. Several team members are asking for garden advice and cuttings so that they can 'green up' their own space at home. Already team members are thinking creatively about the space and what they can bring to it.

Watching the wildlife from the practice windows helps us all de-stress during our busy working days. We are amazed by the amount of wildlife such as birds, bees and butterflies that visit our garden.



TOP TIPS

Make sure your team is on board as you can't do it alone and no-one wants to see a wilting, neglected garden every day.

Utilise friends and family for donations.

Be creative. You don't have to spend a lot of money to create a lovely green space.

TO FIND OUT MORE

Further information about The Woodland Trust and free trees for communities can be found [here](#).

CONTACT

talbotroadp@live.co.uk

FRAMEWORK ACTION

BUILDINGS & ESTATES

The practice has optimised its outside areas and green spaces for biodiversity and has increased the opportunities available for local wildlife to thrive, as well as supporting the benefits of green spaces to health and wellbeing.



The Practice of Health, Cardiff



GREEN INHALER PRESCRIBING

WHAT WE DID

We decided to tackle our inhaler prescribing as part of our local health board's recommended quality improvement project for all GP practices. The practice's involvement in this audit was communicated with all staff in our practice and the actions were completed by our Practice Pharmacist working with our trained Respiratory Nurses.

All preparation work was completed in usual working time, during allocated administration periods, and therefore did not interfere with our appointments and booking obligations.

We used ScriptSwitch® to prompt treatment choices in line with [All Wales Asthma and COPD Guidelines](#). We reviewed inhaler type and use during the patient's annual asthma/COPD chronic disease review, and where appropriate, switched to a lower global warming potential inhaler type. This work is ongoing in our practice.

Patients who are non-compliant with annual respiratory disease monitoring, and who are not on regular inhalers but intermittent treatment, were automatically switched to a dry powder inhaler (DPI) with a lower carbon footprint. This was done using the ScriptSwitch® prompt available on the patient record, at the point of medication reauthorisation. This was implemented by either the Respiratory Nurse or Practice Pharmacist.

HOW WE DID THIS

All nurses completed education and training in a previous Clinical Practice Education Training (CPET) earlier in the year.

In preparation for the work, a meeting and a subsequent plan of how to identify, review and, where appropriate, change the patient's prescribed inhalers to a more environmentally friendly option was discussed and agreed.

An audit was completed over the course of a two-week period. It was calculated it would take 12–15 months to review all patients prescribed inhalers and implement changes practice-wide.

We explored mass automatic switching for all patients at the same time, with patients informed in a simple letter of the changes to their inhalers. However, we felt that the change would be better with appropriate clinical discussion and adequate explanation. It was therefore agreed that in the best interests of our patients, suitable changes would be made opportunistically during a clinical discussion at their annual respiratory review. These take place in the birth month for all patients on asthma/COPD registers, which is an established practice in our surgery. This gives our clinicians ample opportunity to discuss the rationale for the inhaler switch directly with the patient, make an accurate clinical assessment of the suitability for the switch to be made, and agree a suitable alternative with the patient's knowledge and consent.

At annual asthma/COPD chronic disease reviews, clinicians discussed with the patient using combination inhalers instead of individual ingredient inhalers as well as optimising doses, i.e., using less puffs of a higher strength inhaler where possible and clinically appropriate.

Our nurses are firm in their discussion regarding the rationale and impact of this switch. In some cases, where the patient may be resistant to the change, a trial period of any new inhaler treatment was agreed with the patient. Changes were implemented on the patient's repeat medicines list. If the patient reported that the change was not effective or they wished to change back to their preferred inhaler following the trial period, a further clinical review did not take place, and the patient was switched back to their



preferred treatment.

Some patients have not recognised the name of the new inhaler and have therefore been confused and have raised concerns with our reception and administrative staff that they may have received an incorrect prescription. This has caused some patient delays on our reception desk but is usually quickly resolved.

A small proportion of our patients who trialled a DPI with a lower carbon footprint were unhappy with this treatment and were returned to their previous inhalers. This has created some additional administrative work for our Respiratory Nurses, however, to date, this has only happened on a few rare occasions.

WHAT DIFFERENCE CAN DOING THIS MAKE?

Overall, the patient feedback has been positive with many of our patients being accepting of the change and not reporting any clinical concerns.

As this is a gradual process which will be completed opportunistically at an annual review, we are unable to demonstrate the carbon/energy/cost/time savings until the audit is completed. We anticipate the benefits to be apparent in due course.

We can point to the fact that as of the end of October 2022, 349 patients are now on a DPI, 336 as a direct consequence of this action.

TOP TIPS

Start with one area you want to tackle first. I would recommend that all prescribers agree on an action plan that will best suit the practice in terms of time and cost, and how to make the switch effectively in the best interests of the patient.

Our practice team felt that the decision to switch inhalers should not be completed without the patient's knowledge or consent, but should be part of a review which provides an opportunity to discuss the rationale of the switch.

TO FIND OUT MORE

Further information about ScriptSwitch® can be found [here](#).

The All Wales Adult Asthma Management and Prescribing Guidelines and All Wales COPD Management and Prescribing Guidelines can be found [here](#).

CONTACT

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FRAMEWORK ACTION

GENERAL PRACTICE

The practice has reviewed the proportion of dry powder inhalers (DPIs) and soft-mist inhalers (SMIs) used compared to pressurised metered dose inhalers (MDIs) and taken action to reduce the proportion of MDIs initiated and prescribed on repeat prescription in line with national guidance, where clinically appropriate.

The practice has reviewed the proportion of carbon-intensive and high global warming potential (GWP) Salbutamol MDIs compared to alternative lower GWP inhaler types prescribed and taken action to reduce the proportion of high GWP Salbutamol MDIs initiated and prescribed on repeat prescription.



Awards

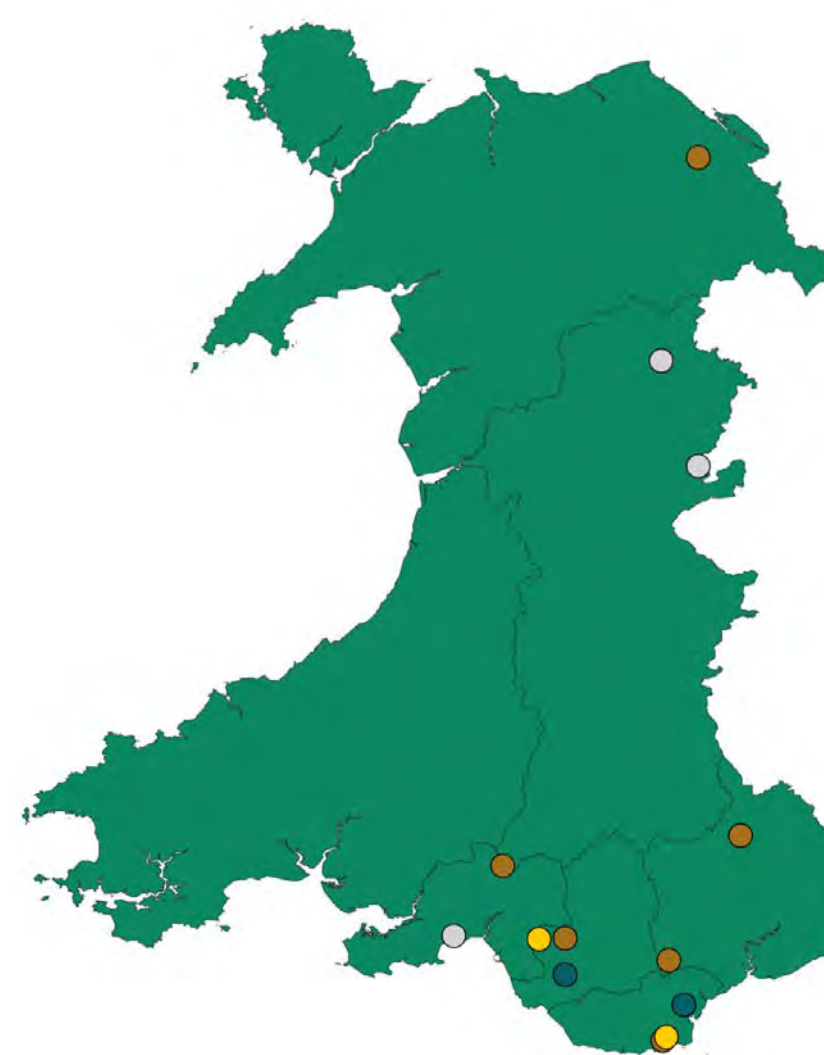
Dental



Team	Health Board	Award
Team Willner Dental	Aneurin Bevan University Health Board	Gold
Ruabon Road Dental Practice	Betsi Cadwaladr University Health Board	Gold
The Parade Cardiff	Cardiff & Vale University Health Board	Gold
Brackla Dental Surgery	Cwm Taf Morgannwg University Health Board	Gold
Gentle Dental Aberdare	Cwm Taf Morgannwg University Health Board	Silver
Bridge Dental Care	Aneurin Bevan University Health Board	Bronze
Colwyn Bay Total Orthodontics	Betsi Cadwaladr University Health Board	Bronze
Vale View Dental Care	Cwm Taf Morgannwg Health Board	Bronze
Celtic Dental Practice	Hywel Dda University Health Board	Bronze
Cardigan Dental Practice	Hywel Dda University Health Board	Bronze
Glynneath Dental Practice	Swansea Bay University Health Board	Bronze
Talbot Road Dental Practice	Swansea Bay University Health Board	Bronze
Eastside Dental	Swansea Bay University Health Board	Working Towards

Awards

General Practice



Team	Health Board	Award
The Practice of Health	Cardiff & Vale University Health Board	Gold
Bron-Y-Garn Surgery	Cwm Taf Morgannwg University Health Board	Gold
Llanfyllin Practice	Powys Teaching Health Board	Silver
Montgomery Medical Practice	Powys Teaching Health Board	Silver
Kingsway Surgery	Swansea Bay University Health Board	Silver
Nantgarw Road Medical Centre	Aneurin Bevan University Health Board	Bronze
Hereford Road GP Surgery	Aneurin Bevan University Health Board	Bronze
Pendre Surgery Mold	Betsi Cadwaladr University Health Board	Bronze
Court Road Surgery	Cardiff & Vale University Health Board	Bronze
Cwm Garw Practice	Cwm Taf Morgannwg University Health Board	Bronze
Ystradgynlais Group Practice	Powys Teaching Health Board	Bronze
Tyncoed Surgery	Cwm Taf Morgannwg University Health Board	Working Towards
Meddygfa Canna Surgery	Cardiff & Vale University Health Board	Working Towards

Awards Opticians



Team	Health Board	Award
Jonathan Partridge Optometrists	Powys Teaching Health Board	Gold
Buckley Eyecare	Betsi Cadwaladr University Health Board	Silver
Rook & Thomas	Betsi Cadwaladr University Health Board	Silver
Canton Optical Ltd	Cardiff & Vale University Health Board	Silver
C.N. O'Leary Opticians	Cwm Taf Morgannwg University Health Board	Silver
Probert & Williams Eye Care	Hywel Dda University Health Board	Silver
Gower Opticians	Swansea Bay University Health Board	Silver
Penarth Eye Centre	Cardiff & Vale University Health Board	Bronze
Cwm Taf Morgannwg Optom	Cwm Taf Morgannwg University Health Board	Bronze
Specsavers Brecon	Powys Teaching Health Board	Bronze
Monnow Eyecare	Aneurin Bevan University Health Board	Working Towards

Awards Pharmacies



Team	Health Board	Award
JDS Evans Pharmacy	Aneurin Bevan University Health Board	Gold
Boots Tŷ Glas	Cardiff & Vale University Health Board	Silver
New Inn Pharmacy	Aneurin Bevan University Health Board	Working Towards
Hopwoods Pharmacy	Cardiff & Vale University Health Board	Working Towards

What They Say...

“We want to become an environmentally sustainable practice and to encourage local businesses to follow our lead.”

Ruabon Road
Dental Practice

“This is a great initiative to encourage practices to think of ways to help the environment and consider our impact on it.”

Glynneath Dental
Practice

“It felt like a great opportunity to pilot the framework with the structure and support on offer to see if we could improve our efforts, learn more about what we could do to help the environment and do our bit as a practice towards the big picture of tackling climate change.”

Llanfyllin Group Practice

“We need to work together and act now to create a fairer, greener Wales and protect the health and wellbeing of future generations.”

The Practice of Health

“We are all more aware and more informed than ever before. We as a generation hold a unique position in history. We are mature enough to be aware of the damaging impact our behaviours can have on ourselves and our planet. Yet, we are young enough to retain the hope that positive changes can arrest the most damaging effects still to come.”

Buckley Eyecare

“Given the global emergency on our doorstep we knew we needed to do something...and it can be overwhelming. We found that the Scheme broke it up into manageable bits.”

Probert & Williams Eye Care

“I was inspired to get involved with the Greener Primary Care Wales Scheme because I could appreciate that the impact of climate change on health in the longer-term is much greater than that of COVID.”

JDS Evans Pharmacy

“Little did I know that it [registering with Greener Primary Care Wales] would result, 12 months later, in changes to the way I work and live; changes that I hope will quite literally safeguard our future.”

Boots Tŷ Glas



NEXT STEPS

Each year the Scheme closes for a short period of time over the winter months to audit the evidence submitted by practices and grant awards. This also provides an opportunity for us to review and update the actions within the framework. It is anticipated that some additional actions will be added to the framework before reopening the Scheme for 2023, giving registered practices more options to choose from.

During the framework's short closure your team can still make progress on actions, however, we advise you not to upload any comments or evidence until the 2023 framework is formally opened. As soon as the Scheme is reopened for 2023 all registrants will receive an email alerting them to this.

NEW TO THE SCHEME

If hearing about the great work from the teams covered in the Yearbook has inspired you to get involved, you can find out more about the Scheme and how to register via the [Primary Care One website](#) or by using the QR code below.



IF YOU HAVE ALREADY REGISTERED

When the Scheme reopens, you can continue your journey and progress further actions for 2023. This will enable you to retain your award level or work towards a higher award. Actions that your practice completed during the previous year and continue to implement in subsequent years may require new evidence to demonstrate ongoing implementation. This applies to the majority of actions. This won't apply to all of the actions as some will have involved a 'one-off investment' when first implemented e.g., investment in buildings and estate. It will be clear in the 'Further Information' section of the online framework which actions this applies to.

ACKNOWLEDGEMENTS

A number of organisations and individuals have helped us throughout 2022 and we would like to take this opportunity to thank them all.

Firstly, it is with thanks to the Welsh Government and especially the Health and Social Care Climate Emergency National Programme whose funding made the publication of this Yearbook possible.

Another huge thank you to all the members of our Expert Group and the Group's Chair, Kate Eden, who have provided guidance on the suitability and feasibility of actions in practice as well as being true advocates for the work. Thank you to SOS UK and in particular the Scheme's Project Manager, Celine Clark, who have been invaluable in the support that they provided to both registered practices and the Primary Care Division.

A big thank you to all the student volunteers who conducted the audits in November 2022. Their involvement ensured the awarding process was fair and accurate.

The Strategic Programme for Primary Care has been invaluable in supporting and championing this work and we extend our thanks to their team.

Finally, the biggest thank you of all must go to the practices that have registered and taken part in the Scheme in 2022. You have paved the way for your professions by being early adopters of the framework. Thank you and keep spreading the word, we hope to see many more of you in 2023.





GIG
CYMRU
NHS
WALES

Iechyd Cyhoeddus
Cymru
Public Health
Wales

Primary and Community Care Development and Innovation Hub

Public Health Wales

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Email: greenerprimarycare@wales.nhs.uk

Website: [Greener Primary Care](#)

The Primary and Community Care Development and Innovation Hub (Primary Care Hub) is part of the Primary Care Division and Health which in turn sits in the Health and Wellbeing Directorate of Public Health Wales. We are responsible for supporting programmes of work relating to public health and primary care.

Our work extends across three key areas; supporting primary care transformation, dental public health and prevention and wellbeing in clinical settings.

For further information about this work please get in touch.

Mae'r ddogfen hon ar gael yn Gymraeg / This document is available in Welsh