



Climate  
Challenge  
Fund



PART OF THE  
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CHARITY



Greener  
Scotland  
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Government

# Climate Challenge Fund Final Report

## Name of project, organisation and CCF number

Greener Glenburn MW

Glenburn Miners Welfare Football Club

CCF3737

[www.glenburnmwfc.co.uk](http://www.glenburnmwfc.co.uk)

## Starting Point

Glenburn Miners Welfare Football Club (GMWFC) is a voluntary organization committed to providing access to organized football for all age groups from toddlers through to adults regardless of age or ability. Our focus is on promoting fun and fitness through football.

Glenburn Miners Welfare Football Club was formed in 1976 following the opening of the Glenburn Miners Welfare and Social Club in 1975. The Social Club was opened following the closure of the Glenburn pit in 1973 and today many of the committee, parents and players associated with GMWFC grew up and still live within the Glenburn community of Prestwick.

GMWFC operated as an amateur football team from 1976 until 2010 when we started our first youth team. From 2010 until Present we have grown to 16 teams and currently have teams at Amateur, U19, U17, U16, U15, 2002, 2003, 2005, 2006, 2007, 2008,

2009 & 2010. In the last 12 months we have started a girls' team, introduced an over 35's team and our latest addition is our Walking Football team. In spring 2016 we will start up a 2011 team. On a weekly basis GMWFC work with 500+ children, young people and adults via the football activities organised by volunteers, this represents approx. 2.5% of the population of Prestwick.

GMWFC work closely with local schools in order to share sporting facilities, coaching facilities and develop effective community partnerships between local schools and GMWFC. The long term aim of GMWFC is to take ownership of our own multi-sport facility that can be used to serve the community of Prestwick in the future.

We established a good relationship with Beith through our football teams and realised that we could replicate their 'Beith Big Swap' project within our football club community in Prestwick. Discussions took place with coaches and parents and it became evident that there were football kits stored in sheds, garages and lofts and didn't know how to best get rid of these items, other than trash them, ending up in landfill.

We also established that most of the car journeys to and from training and games were being undertaken without any thought of sharing the journeys. It became apparent that there was a great opportunity to reduce the number of car journeys by encouraging car sharing, which would greatly reduce cost to the parents and save on CO<sub>2</sub> emissions.

Through discussion we found that many of the teams used a laundry to wash the football kit, and in some cases were travelling up to 16 miles to a particular laundry. These discussions were the starting point for our application, which eventually focussed on 3 outcomes:-

- Reduced CO<sub>2</sub>e by approximately 13 tonnes per annum through the introduction of a more efficient kit washing and drying system
- Reduced CO<sub>2</sub>e of travel related behaviour by approximately 37 tonnes per annum connected to football community
- Reduced CO<sub>2</sub>e by approximately 4.5 tonnes per annum in the local football community through reusing useful kit and equipment and thereby diverting from landfill

## Headline achievements

GMWFC were awarded funding from the Climate Challenge Fund (CCF) which allowed the organisation to run three main projects which would hopefully have a positive impact on the environment and help reduce CO<sub>2</sub> emissions.

The projects were Car Share, Bulk Kit Wash and Recycling of Football Kit. This allowed all the members of the club to learn more about the environment and the positive impact we as an organisation can have on the environment. The project meant that we could have a positive impact on the local community in the Glenburn area of Prestwick, and we engaged with Glenburn, St Ninians, Kingcase and Heathfield Primary schools and

Pinetrees Nursery who all took in our collection bins and collected sports kit to be recycled. These relationships will continue as each of the schools want us to continue with the collection of kit.

We installed washing machines and set up a bulk kit wash process, which required hiring people to wash the kits. This meant that the club's kit was all washed under one roof and we were in control of reducing the emissions by purchasing ECO friendly washing machines and ensuring they kit was air dried, eliminating electric drying.

We taught the coaches, volunteers, parents and players of the benefits of car sharing to and from training and games. This not only had a positive impact on the environment, but saved the cost of fuel and wear and tear on many cars.

We improved our communication skills and gained knowledge in advertising our projects and club via emails, facebook, twitter and our facebook page. We gained knowledge in budgeting and reporting and setting up new processes to run the back office. Our club improved its standing within the community as people became aware of the projects and the positivity of them.

We set up weekly coffee mornings in the community and advertised our projects and gave talks on them. We received the Provost's Trophy for South Ayrshire's Sport's Council's Club of the Year, and the CCF projects were recognized in winning this award.

Bulk Kit Wash - Our saving at 31<sup>st</sup> March was 1.17 Tonnes, which equates to 392kg of washing machine savings and 782kg dryer savings. We also saved 408 loads.

Car Share - Our saving at 31<sup>st</sup> March was 24.2 Tonnes, and 58,125 miles saved. I believe that if we had a full season completed we would have met the target.

Kit Recycling - We recycled 40.31kg =  $40.31 \times 22.31$  (conversion factor) = 899.32kg CO<sub>2</sub>e Therefore we diverted 0.899 Tonnes of CO<sub>2</sub>e from landfill

## Outcomes

### CO2 Outcomes

#### **Reduced CO<sub>2</sub>e by approximately 13 tonnes per annum through the introduction of a more efficient kit washing and drying system**

Details below – Outcome partially delivered

Our saving at 31<sup>st</sup> March was 1.17 Tonnes, which equates to 392kg of washing machine savings and 782kg dryer savings. We also saved 408 loads.

This project didn't start up until 22<sup>nd</sup> August, mainly due to the date of the previous season ending, and the start date of the new season, and getting the washhouse set up and washing machines purchased. The start up was slow, but with plenty of interaction between the officers, board members and the teams we got it up and running. One problem we found was that the calculation used in the application was incorrect, and a figure of 50 washing requirements per week, should in fact have been 30 requirements. This would have reduced the goal from 12.98 tonnes to 6.9 tonnes. I believe we were very optimistic in the number of washing requirements we would manage on a weekly basis, and in practice we didn't get close to this figure. However if we had been successful in our 2016 application I believe we would have exceeded the above achievement with the knowledge we gained, and the fact we had opened the washing facility to other sporting organisations within the Prestwick Community. The poor weather during November to March when many games were called off impacted the number of washing cycles and reduced our total. These games will be played during the next couple of months and our figures will be much higher during that period. Maybe we should have considered the potential impact of the weather on the fixture list and built that into our calculations for the application. However I believe this is a learning curve for future applications.

#### **Reduced CO<sub>2</sub>e of travel related behaviour by approximately 37 tonnes per annum connected to football community**

Details below – Outcome partially delivered

Our saving at 31<sup>st</sup> March was 24.2 Tonnes, and 58,125 miles saved. I believe that if we had a full season completed we would have met the target.

The project didn't start fully until August 15 due to the football season ending in April and the school holidays. The 2009 team had a handful of games between April and June. Once the 2015 / 2016 season started in August we started collating the mileage saved. However like every project it took a few weeks to get the teams engaged. The project was also impacted by the extremely wet conditions during the winter which saw games being cancelled from November through March. However these games must still be played and the mileage these games would have provided will be saved once the fixtures

take place. As above maybe we should have built this potential into our calculations, but will consider this in any future applications.

I feel we were successful in this project and the spreadsheet shows that we had a really positive impact not only within the club with regards achieving the savings we did, but also on reducing mileage which resulted in lower annual costs for parents and wear and tear on their cars.

**Reduced CO<sub>2</sub>e by approximately 4.5 tonnes per annum in the local football community through reusing useful kit and equipment and thereby diverting from landfill**

Details below – Outcome partially delivered

We collected 66.28 =  $66.28 \times 22.31$  (conversion factor) = 1,478kg CO<sub>2</sub>e

We handed out 40.31kg =  $40.31 \times 22.31$  (conversion factor) = 899.32kg CO<sub>2</sub>e

**Therefore we diverted 0.899 Tonnes of CO<sub>2</sub>e from landfill**

We collected 66.28kg of sports kit during the period and handed out 40.31kg, with 15.97kg remaining within the club, which we still hope to hand out. Our figures, which we planned to collect in our application was based on figures supplied to us by our mentor's Beith. However when we started receiving kit and weighed it we found that our weights were much less per item, which meant we had to try and collect more than originally anticipated. We worked extremely hard with the Match Fit Kit project (MFK) and held events, worked closely with 4 primary schools a local nursery and all the teams within the club. We held coffee mornings where our kit was displayed. The main benefit was the connection we made in the local community, especially the relationship with the schools and the nursery. Even though we've been unsuccessful with our recent application we will continue to collect from the schools and divert sports kit from Landfill. The schools thought this was a great project and are fully supportive and will hold our bins in the schools on a permanent basis.

**Community Outcomes**

The sporting community has gained through the projects we undertook as follows:-

We increased the awareness of the benefits of reduce / reuse / recycle within the local sporting community as we took our message to the teams within our club. This impacted upon more than 500 people within the club, where most of them are part of the local community. Our message was sent out to the parents of the players in the teams, therefore passing that message into families and further into the community. We built up an excellent relationship with four local primary schools and a local nursery where we set up our 'Match Fit Kit' collection bins and attended parents nights, open nights and sports night to put across our message by means of handing out flyers, and talking with parents and teachers. This was successful and we received a lot of encouragement and interest.

We also located a bin in one of our local nurseries and attended their open day to put across our message.

The club overall gained from the projects, where savings were made as follows:-

- No cost for washing strips, an approximate saving of between £7k and £8k
- A saving of around 1,000 miles where we no longer travel a distance to various laundries.
- The saving on fuel and the wear and tear on cars used, by reducing the overall mileage by 58,125 miles.
- Saving on purchasing new football kit with the MFK handed out.

As above we have taken our message on climate control to the community, through each member and parent within the football team, the local schools we successfully interacted with and the local community when we held various activities and weekly coffee mornings where we highlighted our projects and displayed our 'Match Fit Kit' equipment.

The project has built up a good network within the community. As highlighted above we have been fully supported by the four local primary schools who all allowed us to leave a collection bin in the school for periods of time. This relationship will continue in the future. We have coaches now supporting the school teams, and they take the teams for both training and games. Following the school games we are washing the school strips. The fact that we started girls football season 2015 – 2016 has increased the awareness in the community and got the projects message across to a greater audience.

## Learning & Reflection

The project was successful in the three areas, though likely most success was made with the car sharing in terms of the goals that were set in our application. However I believe the success we made in getting the CCF message across not only within the teams and parents of Glenburn Miners Welfare FC, but the excellent support and contact with the local schools, Community Sports Hub and community was a major plus. Something we hope will we can continue in the future.

The car share project was successful, but was hard to administer, and time consuming. Within a football club set up, the coach's main thrust is to get the players to training and play games, everything else is secondary. Therefore it took effort to get the required data each week, especially at the beginning. Some coaches improved over the period, and with others there were a number of emails being transferred. Eventually the message got across and we got the data. Though at times the development officer would calculate the mileage savings by using the mileage / route finders on the internet when all required data wasn't supplied. This took time and effort, but meant that we were able to keep a track of all the required data. The fact that we have so many teams in the club I believe

meant that this project was successful.

The knowledge we have gained would better prepare the organisation for future projects. Communication is vital and buy-in from everyone concerned with the club is a must.

The bulk kit wash was also difficult to begin with and apart from the mistake made in the initial application calculation I believe we over reached on the number of weekly washing requirements we assumed we'd achieve. On reflection there were good reasons for this. Some of the younger teams there's no changing facilities, therefore each team member turns up and returns home wearing their kit and their parents wash them. We also over estimated the amount of training kit we would get washed, and for the same reason above, most of the training kit is washed at home. The start up was slow as there was possibly a lack of confidence by some of the coaches for the following reasons:-

- Would the kit be washed as clean as by the current method
- Would any of the kit get lost
- Would any of the kit get mixed up with other teams kit
- Would the kit be washed in time

Once the process started it was evident that it was working smoothly and the teams saw the benefits, not only in the fact the parents or coaches were no longer required to wash the strips, but that there was also a saving to each team taking part.

The 'Air' dry pulley system worked and we set up a number of pulleys in the washing container where the washing machines are housed. Though at times when washing so many strips you would find them hung up anywhere we could find a space, to allow them to dry effectively. Taking everything into account this was a success and will continue in the future, and has been offered to other clubs within the Prestwick Community Sports hub. The fact that our teams have had their strips washed without charge for a season has been great, but we will need to look at a small charge to all teams and sports clubs in the future, but will allow us to continue to reduce the impact on the climate and will be a much reduced cost.

The 'Match Fit Kit' has been successful, and we received a load of sports kit, including strips, training tops and boots. The main problem we found was trying to pass it on. We found that kids of a certain age didn't see it acceptable or fashionable to take 'used' kit. This wasn't such a big problem with the parents of younger children. We found an outlet through 'Cash 4 Kids' and passed on a load leading up to Christmas. We were delighted to be able to pass the kit to an organisation that could find a deserving home for good quality sports kit. We went along and presented to them and had photos taken. We will continue this relationship in the future.

Although a great deal of effort was put into the 'MFK' I don't believe we achieved what we anticipated. Finding the best outlet is key, and I believe that people get rid of clothes on a whim, or seasonally, and the school holidays and summer football break didn't help, even with holding events during the summer and displaying 'MFK' equipment in our 'pop up shop'. We advertised the 'MFK' project more than the other projects, by via all our social

media processes and distributed flyers throughout the teams, schools and generally swamped Prestwick with them.

The main requirement for good projects in an organisation like GMWFC is good communication and having everyone buying into the project. With over 500 people involved it's not always easy. We used different methods to try and achieve this;

- Attending team meetings
- Email
- Twitter
- Facebook
- Web page
- WhatsApp

The start up was slow, but once everyone got involved we saw an increase in the output of the projects.

Our two Development Officer's attended a number of courses during the year, mainly organised by CCF and the Social Enterprise Academy. These were found to be really interesting and the knowledge and experience gained will no doubt help the club with future projects we get involved in.

## Finance & Administration

GMWFC basically started the project with no funds, and this would be the amount of money the club would have had to manage. This was slightly daunting in the beginning, however the clubs maintained profit and loss accounts, and there were people with experience of keeping accounts within the club.

It was exciting having the money to spend to allow the project to begin, however required control to ensure the money was spent in accordance with the budget we had supplied in the application, and was managed effectively. I believe that the budget was managed well considering it was such a significant piece of work that had to be managed.

We were required to set up a new bank account and put processes and spreadsheets together to allow us to track and report on the budget and to increase our knowledge while doing this. This was both in the financial and administration side. We were required to set up processes to allow wages to be paid, accounts to be paid etc. The experience gained will allow the personnel to use the knowledge in other areas, whether running other projects or in other walks of life. As the football club continues to grow, we will be able to use the experience gained from running and managing the CCF project.

The budget awarded was £95,777.00 and we spent £88,656.66, which meant an under spend of £7,120.34. I believe this to be a tremendous achievement, when you consider that until we made application we had no real exact knowledge of what our requirements would be.

We worked with our CCF Development Officer when we found that we would need to move money from one budget heading to another where it was evident that there would be an over and under spend. This was generally supported, however didn't happen very often.

Our biggest over spend was on 'part time wages' where we overspent by £3,876.64 which was allowed by CCF, and the biggest under spends were £3,737.39 on equipment and £2,176.78 on consultancy.

Our office ran very effectively, and working with our CCF officer was great with no problems, and was very supportive and quick to respond to questions and requests. All in all the experience was really good.

## Legacy

The funding and projects has allowed GMWFC put across a message about the impact of climate change and how everyone is responsible in reducing the impact. We have passed the message to the local community through the members of the club, their parents, schools, by holding events and coffee mornings. We were unsuccessful in our funding application for 2016 – 2017, but we will continue to car share within the club, as this is the standard that we have set, and the cost savings and reduced mileage has been experienced by everyone. We have explained the situation with the schools and the

nursery and they have been very supportive and feel that our projects were delivering a great message to the children, and will allow us to keep our collection bins at the schools and continue to collect kit to be recycled. We are continuing with the bulk kit wash process and will still look at pushing out further into the community by offering the service to the other clubs in the community sports hub. This may require a small charge, but at the moment the board are looking at the best way to achieve this.

**Supporting information**

**Name of report authors and date it was finalised:**

Bryan Love, Donna Thomson, Andy McLaughlin, Ricky Bicker, Bryan Allan

**Activities Grid** – Please fill in only those activities which relate to your project. More information about all of these activities can be provided in other sections of the report – these figures will enable us to collate some overall impacts of the CCF.

How many <b>advice/information centres</b> – regular drop-in centre, advice surgery etc. - is your project running?	0
How many <b>training sessions where skills and/or information were passed on</b> – e.g. composting training, cooking workshops, etc. – has your project has held.	0
How many <b>events</b> did your project hold, e.g. information fairs, open days, etc.? Do not include events held by other organisations which you have attended.	11
How many staff, volunteers or community members have achieved <b>qualifications</b> through the project – e.g. City & Guilds Energy Awareness, Trail Cycle Leader, etc.	0
How many people were <b>directly employed</b> by your project. Tell us the full-time equivalent (FTE) number of employees (e.g. 3 days per week = 0.6 FTE).	2
Is the project is supporting the development of any <b>long-term jobs</b> which are not dependent of CCF Funding? How many?	N
How many <b>people are actively involved</b> in your project – attending groups & workshops, using the project facilities etc.?	500
How many <b>people volunteer</b> their time and energy to keeping the project going – don't forget the members of your management committee or board.	93
How many <b>schools</b> are involved in your project?	5

How many <b>community-owned buildings</b> have been refurbished?	0
How many <b>Home Energy Checks or similar energy efficiency reports</b> have been carried out by your project?	0
How many households have been <b>referred on to other agencies or providers</b> (e.g. HES, Green Deal assessor) for further action?	0
How many households <b>installed energy efficiency measures</b> – loft, wall or floor insulation, draft-proofing, double glazing etc. – as a result of your project?	0
How many households <b>installed green energy generation measures</b> – photovoltaic panels, solar thermal panels, air or ground source heat pumps, wood fuelled heating systems etc – as a result of your project?	0
How many <b>miles of car journeys have been reduced</b> through the activities of your project?	58,125
How many <b>square metres (m<sup>2</sup>) of community growing space</b> (allotments, poly-tunnels, raised beds, community gardens) has your project brought into use?	0
How many <b>tonnes of waste</b> have been diverted from landfill because of the activities of your project?	0.899
How many <b>kWh of energy</b> has been reduced because of the activities of your project?	553