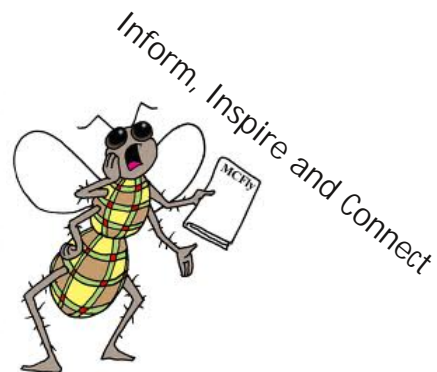


Manchester Climate Monthly

manchesterclimatemonthly.net



Vol 1, No. 8. August 2012

Steady

How can Manchester radically increase the amount of food it grows? How can we all make a socially-just low-carbon culture? How can we show real solidarity with people in the rest of the world already suffering the effects of climate change? And how can we do it with an economy that isn't obsessed with growth-at-all-costs?

These are just a few of the questions that people across Manchester are tackling as part of a volunteer-run project to produce a report called "Beyond Growth: for local prosperity, justice and climate safety" by the end of October.

Budget

Manchester City Council is about to release its (delayed) second annual carbon budget. Executive Member for the Environment, Councillor Nigel Murphy, told MCFly that *"the City Council's annual carbon reduction plan enables us to review the previous year's activities and set our priorities for next year. The item was deferred from July until the next available meeting in September as we wanted to guarantee that the figures being put before the committee were accurate."*

It is reviewed first by the Neighbourhoods Scrutiny Committee on Tuesday September 4th, and then by the nine-member Executive on Wednesday 12th September. These meetings are free, and open to the public.

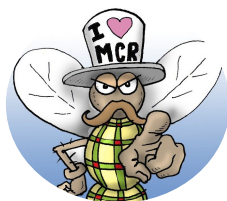
Ninjas!!

When it comes to explaining climate science to interested friends, are you a novice or a ninja, or something in between? What about your allotment skills?

Or your time management? "Activist Skills and Knowledge" is a new Manchester-based project aimed at helping individuals and groups find out what they are already good at, and make it easy for them to share what their heads and hands can do with others.



WHAT YOU CAN DO



* Visit steadystatemanchester.net and fill in some of the surveys (the food one is up, others to follow!)

* Share the link with friends and colleagues and encourage them to fill in a survey or two

* Invite one of us to come and talk with your organisation/group about the project

* Come to the next meeting - on the evening of Wednesday 12th September, venue to be confirmed.

* Keep reading the updates on MCFly, especially at the end of August when the report becomes public and we publish responses to it by various groups, and also our own analysis.

* Contact your councillors (*especially* if they are members of either the Neighbourhoods Scrutiny Committee or the Executive) and tell them what you think is good and bad in the report

* Attend one of the meetings...

* Visit askfortheworld.net and tell us what other skills and knowledge you would like to see listed

* Help write the descriptions of what a novice can do, what a practitioner, expert and ninja can do.

* Suggest resources that will help individuals or groups achieve the various levels

* Be a guinea pig for the project!

WHAT TO DO IN AUGUST

Plotting the Future - One Day Courses at Debdale Eco Centre

Taking place on Friday 17th August, this introductory course is for anyone who is interested in Organic Gardening. Participants will learn the basics of organic food growing and how to grow fruit and vegetables organically.

The course will cover:

Getting Started - How to get your area ready for planting
Your Soil- Understand different types of soil and how to make the most of it for your growing
Planning your patch- How to encourage biodiversity and sustainability
Organic Vegetable Growing- From the very basic seed sowing and propagation techniques to more advanced vegetable growing for the trickier vegetables
Organic Fruit Growing - How to grow fruit in small spaces
Maintaining and developing your produce- How to look after, harvest, and store your produce

Who is this course for?

Local residents across Manchester, Stockport and Tameside
New and prospective allotment holders
Housing or residents associations

Cost: Free to local residents in Tameside, Stockport and Manchester. Otherwise £20 per person.

Location: Debdale Eco Centre - Debdale Park, 1075 Hyde Road, Gorton, Manchester M18 7JS

For more information or to book on, please contact - Marva Lashley - 0161 220 9199 or email marva@debdale-ecocentre.org.uk



Birchfield's Forest Garden Group

Yasmin Quayyum writes about an exciting project that MCFly readers can get involved in

Recently marking its fifth anniversary and newly joining the Agroforestry Research Trust's network, Birchfields Park Forest Garden is a dynamic venture, gaining in strength. It is situated in the

picturesque surroundings of Birchfields Park, easily found between the popular Longsight Market and Rusholme's Curry Mile. This pioneering inner-city project grew from a Birchfields Green Action Group campaign and has been funded by various organisations including RedRose Forest (via the Heritage Lottery Fund), Wildabout Manchester and Awards4All - not to mention its parent organisation, Friends of Birchfields Park. Recognising that a forest garden, imitating processes of natural woodlands, would prove productive, educational and sustainable, the Friends have been supportive from the start.

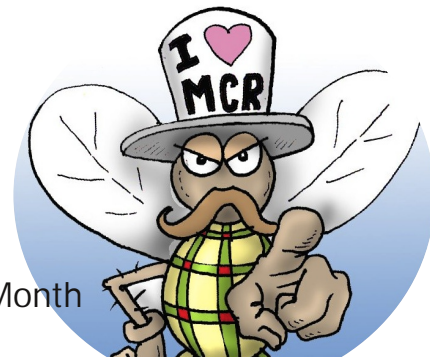
Previously, the site was a council-maintained rose garden but has since been transformed into the bio-diverse permaculture model that thrives today. Thoughtfully designed to beautiful effect, the blueprint took much reference from Whitefield's 'How to Make a Forest Garden' and has benefitted from Manchester Permaculture Network's input. Its circular form is divided into four quadrants - each led by its own Quadrant Leader - and each displaying its own individual character regarding layout, species grown and function. The Forest Garden is shaped and maintained by dedicated volunteer group members and local residents who share a common objective - environmental betterment to benefit local communities, wildlife and biodiversity.

Public involvement lies at the heart of the Forest Garden and new volunteers are always welcome: Work sessions take place on the third Sunday of each month, 1 till 3 p.m. with extra sessions frequently held on a weekday evening for those unable to attend on weekends or those able to contribute more time. Ever evolving, past activities include hosting courses and events and new developments are underway in an initiative to engage local children's participation. This is by way of introducing childrens' forest gardening sessions for the local community centre's After School Club which so far, have proved popular.

To join any of these activities, or if unable to volunteer but wish to support through donations, please contact Jane Morris: 07827980684, jane.morris1@btinternet.com or learn more on www.manchesterpermaculturenetwork.org.uk/node/3601



WHAT CAN YOU DO?



Reduce your personal footprint

All the standard personal stuff - drive less, cycle more, fly less (cough cough cough). Eat less meat. Buy less stuff. Insulate your house!

Ask at work - is there an environmental policy? If not, why not? If there is, is it being implemented?

Has your organisation endorsed the Manchester Climate Change Action Plan?

Doing all that is important in its own right, but also so you have credibility (and aren't accused of hypocrisy) when you...

Increase your political footprint

Join a group (see calendar on page eight) or go to an event. You could also volunteer with Cooler Projects on their Carbon Literacy programme - see www.coolerprojects.com for more information.

Find out who your local councillors are (even if you are deprived enough not to live in Manchester City Council's area). What have they done to get the council more active? What could they do? Do they even know about climate change as a local government issue?

Get involved with MCFly

Subscribe, forward articles to your friends.
Send us news! Write for us, volunteer...

Inspiring Quote of the Month

"There is no longer any question of preventing climate change. Some 98 percent of working climate scientists agree that the atmosphere is already warming in response to human greenhouse-gas emissions, and the most recent research suggests that we are on a path toward what were once considered "worst case" scenarios." - David Roberts, Grist, July 2012

Competition by SteadyState Manchester!!

We want your ideas. The second goal of the Manchester Climate Change Action Plan is: "To engage all individuals, neighbourhoods and organisations in Manchester in a process of cultural change that embeds 'low-carbon thinking' into the lifestyles and operations of the city." Nobody seems to have a clue about how to do that. So hopefully this competition will get people talking about how we all achieve that goal.

First prize is going to be £70, second £30. We want no more than two sides of A4 paper. You can fill that with words, pictures, photos, diagrams, tables, graphs and anything else that you can think of to get your ideas across. You have until Saturday September 15th to send your entry to steadystatemanchester@gmail.com

The winning entry, and other particularly good ones, will appear in the "Beyond Growth: for local prosperity, justice and climate safety" report that is being written collaboratively and will appear in late October.

FeedingManchester turns #10

Greater Manchester's sustainable food conference, FeedingManchester, reached a landmark 10th meeting on 5th July, gathering individuals and organisations together once again in creating a more equal and secure food chain for the county.

Launch of UK Food Sovereignty Movement

Over 100 community growers, producers, co-operative workers, researchers, campaigners and activists (including Kindling!) came together to help build the food sovereignty movement here in the UK. For more info please see: www.kindling.org.uk/node/651

Big Green Thank You

We submitted a £1 million Communities Living Sustainably bid to the Big lottery in partnership with Stockport Council, Stockport Homes, Reddish Vale Technology College, Manchester Environmental Education Network and the Co-op Group. As a thank you for the hard work of locals and residents we held a Big Green Thank You event on Saturday 14th July.



ForgottenFields Documentary

Kindling have been working on a short 20 minute documentary about Gtr Manchester's food heritage - how the city has been feed over the last few hundred years. We are spending the next week or so editing it and will be organising a launch event in September.

Volunteers Needed!

We are looking for volunteers to help on local community growing projects as part of our Big Dig project. We are also looking for new recruits to Gtr Manchester's Land Army, which is going out to local organic farms on a Monday and a Thursday. Sign up to our email list to stay informed of our events at www.feedingmanchester.org.uk/bigdig and www.feedingmanchester.org.uk/landarmy.

Goodbye To All That

Goodbye to the energy suck that is the official climate governance of #Manchester;
we report your failures no longer

Putting aside nuclear fusion and other fantastic perpetual motion machines, energy is finite. Whatever your power source; coal, gas, love, fear, you have only so much energy, so much time. And the people you want to work with have only so much time, attention and energy of their own. At MCFly, we reckon we are beginning to waste our attention and our intellects on a bunch of organisations that are currently a waste of time and space. And we reckon it's better to try to avert the ecological apocalypse than to report it. When we spend time documenting the laughable inaction of the official bodies that are doing nothing - or less than nothing - that is what the economists call an "opportunity cost."

It is also a cost to you, the reader(s). We are taking up your precious bandwidth informing you, but not inspiring you.

Does this mean the do-nothings get a 'free pass'? Well, the question implies that they will 'go back to sleep' in the absence of MCFly's scrutiny. That's simply a total mis-assessment of the power we have had. We have no such power. Name us one time we ever jolted any of the official groups into action (with the partial and distant exception of Call to Real Action - a special case). To pretend otherwise is a self-delusion too far.

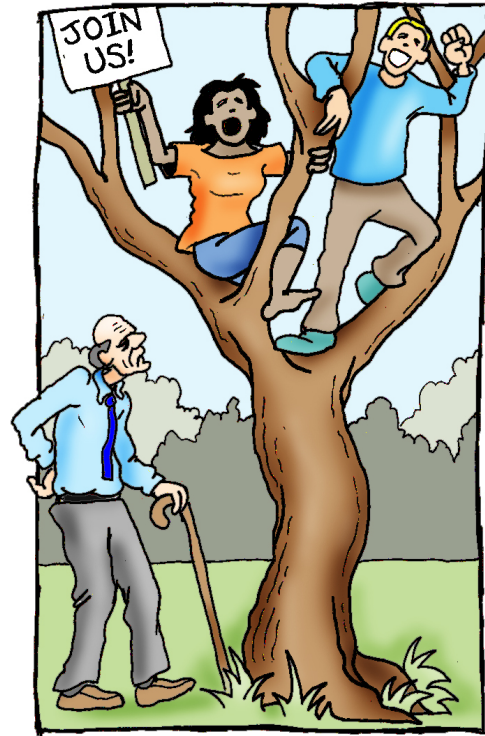
However, we might have the power to connect people who are out there doing stuff. Maybe. We will give it a go. What's the worst that can happen?

So, what does this mean in practice?

The Steering Group 2.0, every bit as much a failure as Steering Group 1.0, can fester in its own juices. The City Council's "Green City Team" (that is not, as per Voltaire, a team and has nothing to do with cities, green or otherwise) can carry on irrelevant. The Environment Commission, now subsumed in the "New Economy" Commission, can keep commissioning environmentally-unfriendly big fat reports and action plans that will be nothing more than flood defences in the years ahead. The ever-delayed Implementation Plan for the Greater Manchester Climate Change Strategy? If we want to read fiction, we will try Fifty Shades of Green, or whatever that damn thing is called.

Sure, we will start FOIA-ing about the questions that Executive Members of Manchester City Council (continue to) refuse to answer. We will give just that much attention to the unfunny farce that is the official Manchester Climate scene, but no more. Arwa Aburawa and Marc Hudson

Re-Imagining Activism Climate Change and Age



Anne Power, Green Party Member, 80: "I know people much younger who can't do what I do so it is more to do with the sort of person you are than how old you are. I am independent, free-thinking, sure of myself in many respects, keen to relate well with others but often impatient of them. I am artistic and very conscious of the visual and spatial. I love humour. I don't experience any of that decreasing with age."

Dave Bishop, Biodiversity Campaigner, 64: "My experience is that age is, in many ways, an advantage. This is especially true post-retirement because there is more time available for activism. The 'mainstream environmental movement' has tended to underestimate the importance of, or ignore, issues related to biodiversity and its loss - but I'd struggle to relate that to any form of ageism. I suspect, instead, that there may be a cultural aspect to this phenomenon. I think that there is an underlying anti-intellectual/anti-science bias in our culture."

"If age has taught me anything it is that many good things can be achieved if people of all ages, both sexes and all ethnic backgrounds unite in common purpose. Lots and lots of people seem to have some sort of interest in wildlife - and mostly these are not activists. This grouping seems to me to represent a vast, untapped resource for the environmental movement."

The MCMonthly Interview

Todd Holden
Head of Low Carbon Policy and
Programmes

Greater Manchester Chamber of Commerce



MCFly spoke to Todd Holden about low carbon supply chains, steady state economy and how we can influence businesses.

Can you tell us a little about your role at the GMCoC and when and why it got setup?

Well the role of low-carbon policy and programming has existed for almost two years now and the main rationale behind it was that the low carbon economy is growing all the time and in terms of its scale it is growing faster in the UK than any where else in the world. At a time when most parts of the economy aren't growing we want to get behind it. Manchester is doing quite well in terms of developing and getting behind it and so it seemed like a very good time to have a dedicated resource. Not just from a policy point of view but from a practical perspective in terms of helping our members and developing projects.

Do you think that there are ways to have a growing carbon economy without using up more and more finite resources?

I think there is a clear need for us, as we go forward, to de-couple the use of resources and resource/energy-efficiency programmes are a good way of doing that. They have significant implications for the bottom line of businesses and they also reduce their environmental impact. In terms of the wider economy, we can grow in a more sustainable way than we are at the moment so it's about how we adopt those best practices and how we change the way we consume, and how we move from a consumer-led society to one which is more service-focused where we don't own as much stuff, so we don't throw away as much stuff so that's the big move we need to make... When you have population growth and a growing pressure on finite resources and rising costs, the only way we will be able to afford the lifestyles we have now is to go towards services.

What do you think about the concept of a Steady State Economy?

The Sustainable Development Commission did a really interesting report called 'prosperity without growth' which was looking at growth, issues around GDP, social wellbeing and social values. I think the challenge around steady-state is that it is almost impossible for a single geographical location to do on its own without facing the economic penalties for doing it and the problem with that is that it has social consequences. I think the idea that there is even a small part of the economy that is not growing is really difficult to achieve in reality without a lot of social inequality. That's not to say that's isn't possible or desirable – it's just very difficult to achieve right now from where we are.

I understand the chamber of commerce is looking to develop low carbon supply chains.

Can you tell us a little more about that?

Yes, we're developing a low carbon framework. We recognise that one of the barriers in terms of accessing support is that companies don't necessarily know what they want or if they do, they don't know if they support that they are getting is reliable. If you were a businesses thinking about generating some of your own electricity, you would quite easily find people who say you need a PV system or you need a wind turbine. What you wouldn't find is somebody will say that actually PV isn't appropriate and what you need is this – there's no independent source of information. So the idea of these of these frameworks is to collate a list with all the providers from everything from insulation of buildings to retrofitting to getting your boilers and other technologies. So it's about giving people confidence about the providers, that they are legitimate and that they have controls in place and the final part of the process is getting people who will fit the technologies in situ. So hopefully that will be up and running in the next 6-8 weeks.

How can councils and people influence businesses and help encourage environmental policies?

One way to influence businesses is through regulation and tax breaks which is what national government does. Another way to influence businesses is through demand. The local

authorities have quite substantial buying powers so the use of public sector money is a very powerful mechanism. Keeping the money within GM and making it work harder for the region

"The use of public sector money is a very powerful mechanism [for encouraging businesses to embrace environmental policies]."

is probably one of the big ways of influencing businesses. Also if you want people to follow then you need to get your own house in order pretty quickly. That ability to act as an exemplar whether that is in your travel policy or your energy, you need to have your own house in order before you talk to others about taking it up. As individuals we can also influence our employers to get involved in things and take up opportunities to save energy. Also if individuals see something they don't like they should speak to their MPs and councillors – talking to these elected members to raise your concerns is a really good way to taking action and we've found that it tends to be quite effective. The full transcript of the interview is on our website under the interview tab.

COUNCILS OF DESPAIR

News round-up of what is (and isn't) happening from the Town Halls of Greater Mank. We need your leads and leaks! For more detailed reports, see our website.

New Carbon Budget Plans due July/August/September...

Manchester City Council will publish its second Annual Carbon Budget in late August. The budget will then be scrutinised by a committee of 18 councillors, before being signed off by the Council's 9-member Executive on Wednesday 12th September. The Council, which has committed to a 41% reduction of its carbon dioxide emissions by 2020, has made this announcement in response to a question from Manchester Climate Monthly. Two weeks ago we pointed out that the carbon reductions targets were not on the agenda for the July 2012 meeting of the Executive, a change from the previous year.

The budget will appear on the Council's website on or about Wednesday 29th August, a week before it is discussed at the Neighbourhoods Scrutiny Committee. MCFly will publish analysis of the document, and encourage its readers to contact any of their councillors who happen to sit on the committee with questions and comments. It will then go to Executive the following week, for what is, generally, a nodding-through with obligatory self-congratulation. Both the Scrutiny Committee meeting and the Executive meeting will take place at Manchester Town Hall. They are open to the public, with no booking required.



Ward A Mess! #6

After months of reporting on the lack of ward plans (which were due at the end of March), it now finally appears that the annual ward plans have been written. Most have now also been approved. All great news and I don't want to appear be a nit-picker but these ward plans have then done exactly nothing. They haven't been publicised or made publically available anywhere. Not even on the council's own website. With half the year out, I am little confused about what use it is to have annual ward plans that literally take months to be written, approved and then remain top-secret?

Steering Group chair hangs up on MCFly; "You can hardly be surprised"



After several days of trying, MCFly co-editor Arwa Aburawa finally got hold of Steve Connor, chair of the Steering Group. She was phoning to ask five basic questions which we had put up on the website the previous week. The phone call was short, because Mr Connor decided the best way to deal with journalists who are asking straightforward questions is... to hang up on them. Arwa then sent an email. The response follows.

"Hi Steve, I realise you're busy and don't really want to talk to me but I do have some questions to ask. During our 30 sec phone conversation in which you hung up on me didn't really give me a chance to say that." Response by Connor: "Given your low opinion of the Steering Group you can hardly be surprised."

Anyway, the questions and Connor's response below:

1. When will you be putting up the minute of the Steering groups meeting that took place in 2012? Minutes is an oversight. Thank you for letting me know and I'll get it rectified. [In a post on linked-in on June 26th, Mr Connor wrote "We'll also make sure we get the notes up on the website (manchesterclimate.com) which hasn't been done for a few months and for which I apologise. Will improve." Our phone call was on July 10. Today, August 6th, STILL no minute on the website.]
2. Will meetings ever be open to the public? Our meetings will remain private.
3. If you can't attend the August refresher meetings, will there be other ways to take part – survey etc? Refresher meetings – am taking this up with the volunteers organising them. [Well, the refresher meetings are now a week away, and there's been no survey, no notification, so, basically the answer to that one appears to be "no" as well.]
4. From what I have seen so far, none of the workshops are looking at behaviour change. Will that change? Behaviour change is not a siloed activity but stretches across all the areas.
5. Will the refresh meetings acknowledge the awkward fact that if economic growth does return it will involve tipping even more carbon into the atmosphere? Economic growth – I have personal opinions which are well known to many but as a steering group we have not sat down and discussed whether we are in the death throes of 'Late Capitalism' and need a plan B. We have no plans currently to campaign for alternative economic models.

We could write a long editorial about how hanging up on people and making repeated promises about the availability minutes

CULTURE VULTURE

Do you like Kipling? I don't know,
I've never kiplied...

If you can keep the faith when all about you
Are giving up and heading for the door,
If you inspire others when all about you
Are boring tender newbies to the core.
If you can speak and not be hooked on speaking,
And actively listen, but not give way to sleep,
Or being baited, don't give way to shrieking,
And yet don't look too good, nor be a creep:

If you can plan - and not make plans your master;
If you can act - and not make acts a game
If you can get the snail-like state to do it faster
And also monkey-wrench their frame.
If you can bear to sit through an endless meeting
Twisted by egos to make a trap for all
Or watch the mistakes keep on repeating
And bang your head against the wall

If you can pull in folks when you are winning
And risk dilution of your goals
And lose, and start again with numbers thinning
And learn to fall down different holes
If you can force your heart and hand and sinew
To seek the chances long after the chance's gone
And so push on when there is nothing in you
Except the will which says to you "push on"

If you can sit with gurus but keep your vision
And talk with lords nor lose your common sense
If neither FoE's nor leftie friends derision
Deter from giving tactical offence
If you can fill the unforgiving decades
With fifty years' worth of distance run
You may save the Earth and all that's in it
Oh, is that a pig flying across the sun?

Ballad of the Burning Boy

After dark, on Saturday 1 September, in the centre of Preston BBC Radio 3 drama are hosting the world premiere of **BALLAD OF THE BURNING BOY**. Come along and join Miriam on her search for her missing teenage son George. He's disappeared before but this time she knows it's serious. We'll start our search at the Harris Museum, a place George loved to visit, and follow a series of clues with some surprises on the way. We need to beware of the 'pre-ArkWrights' - a group of mysterious eco-warriors who live in the shadows and sometimes catch fire. Has George been swept up in their campaign? **Ballad of the Burning Boy** is a climate change thriller: teenagers in conflict with the people who've robbed them of their future - their parents. Writer is Lavinia Murray, composer is Jon Nicholls and narrator is Lemn Sissay. On the night you'll need an mp3 player, a pair of headphones and sensible shoes. We provide the story, the sound effects and the visuals for your immersive audio adventure... www.balladoftheburningboy.com

What you may have missed...

If you're reading MCFly for the first time, you may not realise that we have a website. We publish news stories, event reports, book reviews, opinion pieces and loads more. Here's a very small selection of what has gone up in the last month;

- * Upcoming Event: "Consuming Our Future: The Climate Change Impact of UK Consumers"
- * Up in Smoke? Democracy, Trafford, and an incinerator...
- * Job Alert: Local Food Project Officer, Groundwork
- * Newsflash: Brussels sprouts action on climate change gas reporting
- * Free comic about "The Carbon Supermarket"
- * Competition! How do we "engage all individuals, neighbourhoods and organisations"...
- * Sometimes it's what #Manchester leaders DON'T say that matters: Silence and #climate change
- * Going Through the Motions? Manchester City Council and Climate Change
- * (Fracking Awful Event) Report: MCFly unco-operative? Bank on it.
- * Volunteer Opportunity: Help make #Manchester carbon literate!!

The City Yet To Come - Urbanism, West Africa and Sustainability

Inspired by the wider We Face Forward season taking place in Manchester (www.wefaceforward.org), a series of interventions in Manchester and Salford will take place this Summer exploring the fast growing urban spaces of West Africa and 'the city yet to come'. The programme examines some of the most important issues facing cities of the region around the theme: 'energy and environmental sustainability' including: architecture, climate change, urban politics, slum urbanism and more. Working with some of the leading thinkers on urbanism in the region and in Manchester and Salford keep a look out for a range of exciting opportunities to explore the cities of West Africa.

Curated by E6 Urban Lab and 5 North Architects. For the full details see: towardthecity.tumblr.com

CALENDAR

We make no claim to being complete. Appearance in the calendar is not an endorsement of the quality of the event in question! For more info about these events, please visit manchesterclimatemonthly.net

Tues 7, 6-9pm Social media cafe Manchester at The Northern: 56 Tib Street, Manchester M4 1LW. Entry is free.

Thurs 9, 4.30pm 'Consuming Our Future: The Climate Change Impact of UK Consumers' by Dr. Ruth Wood by the Tyndall Centre. Room C1, George Begg Building, Sackville Street. Please RSVP, or contact Amrita with any queries: tyndall@manchester.ac.uk.

Thues 9, 7.00pm until 8.30pm Manchester Friends of the Earth Climate Subgroup Meeting Green Fish Resource Centre, 46-50 Oldham St, Manchester, M4 1LE, UK. "Our monthly climate subgroup meeting at which we'll be planning next steps on the Clean British Energy campaign and our local campaign to engage businesses with Manchester's climate change plan, A Certain Future. If you'd like to join us, please call/text Ali on 07786 090520 so we know to expect you."

Fri 10, 11am until 3pm Sustainable Housing Open Day/Garden Party at 34 Finchley Road, Fallowfield, M14 6FH. "We're showcasing our average 30s built houses, focusing on the behaviour changes that we're making in order to live a more sustainable lifestyle. There'll be some other projects showing off their work and wares, and also there'll be a garden party with food, drink and music where you'll have the chance to meet and share ideas with other interesting people in the Manchester sustainability movement."

Sat 11, 10am to 1pm Climate Survivors visit to Southern Allotments, Chorlton. See

<http://www.manchesterpermaculturenetwork.org.uk/> for more details.

Tues 14, 6.45pm until 9.00pm Manchester Friends of the Earth Full Group Meeting at 46-50 Oldham St, Manchester, M4 1LE. This meeting is perfect for those who are new to Friends of the Earth. Contact Colette at colette@manchesterfoe.org.uk or on 07754 042716 for further details."

17-21 August, The Urban Permaculture Design Course. There are 2 free courses for local residents on JSA in the Blackfriars, Salford area. If you are a student or have a low income, you can apply for a £200 fee. The complete fee is £400. For more information, please visit: <http://biosphericfoundation.com/program-events>

Sat 18, 10:30 am to 1:30 pm 'Grey to Green' event entitled 'Summer in Manchester' and will be led by Steve Atkins of GMLRC Mersey Valley Visitors' Centre, Rifle Road, Sale. Its aim is to encourage the people of Greater Manchester to appreciate and record the wildlife around them. via Friends of Chorlton Meadows.

Sat 18, 7.30pm "We Face Forward to the City". Pop in for a very special late evening social at the Whitworth gallery, where we will host a decadent evening of stimulating discussion, fine food, and music and art that flows with the vibe of our exhibition. The Biospheric Foundation, Epoch 6 Urban Lab, and 5 North Architects will speak about "Urban West Africa", their series of interventions about sustainable and forward-thinking design and development in the rapidly urbanising African geography.

Weds 29, Probable date for "Annual Carbon Budget" to appear on manchester.gov.uk website...

Manchester Climate Monthly exists to inform, inspire and connect people working - or wanting to work - towards a more resilient and fair Greater Manchester. Its editors are not members of any political party or employed by any local authority. MCM receives no political funding. But we have a Lush wodge of moolah. For our mission(s) and transparency mechanisms, please visit the "about" page on our website.

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Editors: Arwa Aburawa and Marc Hudson
Cartoonist: Marc Roberts
www.marcrobertscartoons.com
Thanks to: All our volunteers!
Next issue published: 3 Septemeber 2012

Manchester Climate Monthly is financially supported by



FRESH HANDMADE COSMETICS

And printed at:

