PURPOSE OF PAPER

This paper introduces the draft `Spring Board' report (to be tabled) arising from the successful delivery of the GM Green Summit, held on 21st March. The report aims to:

- provide an overview of the methodology and conclusions of the science based target work and listening events undertaken in the lead up to the Green Summit;
- set out the challenges and options for solutions identified
- identify areas of existing good practice
- summarise the key announcements arising from the Summit
- set-out the next steps for the coming 12 months.

Subject to comments on the draft, it is intended to have the Springboard report professionally designed and then launched in July 2018. Prior to this, Cllr Ganotis has requested that the report is presented to Strategic Leaders, Scrutiny and then the CA.

This paper also proposes activities leading up to the next Green Summit, which has been set for 24th March 2019, and provides an update on their progress (Annex 01).

RECOMMENDATIONS:

The Board is requested to:

- Note and comment upon the proposed next steps
- Comment on and agree the draft Spring Board report (subject to agreed changes) to go to GMCA at the end of July (to be tabled)

CONTACT OFFICERS:

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1. BACKGROUND

The objective of the Green Summit was to set out a new environmental vision for Greater Manchester to become one of Europe’s leading green cities. As part of this, the Summit set out to consider how Greater Manchester can accelerate its activities to reduce carbon emissions to tackle climate change and in doing so, to position the city region as a global leader for smart energy innovation.

The Green Summit, held on 21\textsuperscript{st} March, attracted significant interest. There were over 1000 applications to attend the Summit for a venue size of 600. Over 700 people (including speakers and facilitators) attended the Summit. Those who were unable to attend the Summit in person were able to view the Summit via live streaming on the GMCA and BBC websites. The recording of the Summit can still be viewed online https://goo.gl/mZttcH.

The online survey attracted 2274 responses and nearly 20,000 individual comments. 42 ‘Listening Events’ were also held in advance of the Summit, engaging over 1200 individuals, with a spread across all Districts. The condensed and analysed feedback results from the Listening Events were reported back to the Green Summit and summarised in the Springboard report.

At the conclusion of the Summit, pledges of support where received from the audience and on-line as to what commitments others will make towards the new environmental vision. Over 200 pledges have been made already and this continues to rise. This is in addition to the 56 pledges from the Tourism and Hospitality industry to support the Plastic Free GM campaign.

The Springboard report replaces the previously proposed Environmental Vision/Charter as, in consultation with the Mayor, it is felt that a 5 year action plan should be produced following the next Green Summit and that further work is undertaken this year to fully understand the implications of any long term targets and transitions proposed.

2. SPRINGBOARD REPORT

The ‘Springboard’ report (to be tabled) is still in draft and is subject to changes prior to finalisation, subject to the feedback received. The format of the report is also likely to change through the professional design process. It is proposed that each of the 6 Themes: Energy, Buildings, Transport, Natural Capital, Sustainable Production and Education will all have a similar format e.g.
The intention is to produce a 24 page report which summarises the work leading up to the Summit, reviews the Summit itself and the outcomes arising from it. The report will also set out the agreed actions to be undertaken leading up to the next Green Summit. As such, the Springboard report has a 1 year shelf-life.

The intended audience for the report includes: those that attended the Summit or were interested but not able to attend, those organisations and companies who have expressed interest in supporting GM in achieving its objectives and those who can be attracted to do so this year. The report will also be used to engage national Government Departments, in the lead up to production of a Local Industrial Strategy in 2019.

3. ACTIVITIES FOR THIS YEAR

The `announcements` arising from the Green Summit, agreed in advance with Leaders, have already been widely distributed and publicised. It is proposed that the activities below are undertaken to deliver on these announcements this year.

The activities listed in the diagram above reflect the majority of the `announcements` made at the summit. Each of these activities will have a nominated GMCA/TfGM officer lead, coordinated by the GM Environment/Low Carbon Team. An update on progress with each of the announcements made is provided at Annex 01.

Two further announcements included the setting up of two workstreams, one on Buildings and one on Energy, supported by UK Green Building Council (UKGBC) and Electricity Northwest (ENWL) respectively. A workshop held on 21st May, with key energy and building stakeholders, concluded that these workstreams should be broken down into a small number of component
parts and delivered online which would allow greater flexibility and input from a wider audience, including District Officers. This is now being set up using the SLACK App (as per the mechanism used for the Digital Summit).

It is proposed that work will be undertaken, building upon the pre-Summit learning, to identify the mechanisms, opportunities and costs of the required energy transition should a carbon neutral target be adopted next year. This will partly be delivered in partners with other through the online workstreams, through the setting of specific discussion questions for partners. The topics will include:

**Energy:**
- What does GM require to become an energy transition region?
- How can the deployment of low carbon energy generation be accelerated?
- What innovative finance mechanisms could be created? What skills are required?

**Buildings:**
- How can GM accelerating the uptake of building retrofit measures and removing barriers to delivery?
- What constitutes Minimum Energy Efficiency Standards for the public sector?
- What innovative finance mechanisms could be created? What skills are required?

**Transport:**
- How can GM support the uptake of ultra low emission vehicles (out-with public transport)?
- How can GM accelerate the uptake of low carbon alternative fuels

**Waste:**
- What is needed to stimulate the development of a circular economy for GM?

There will also be regular meetings between GMCA/TfGM senior policy leads to look at the carbon requirements proposed by the SCATTER model, assess their cost and viability for Greater Manchester, and develop a 5 year delivery programme of appropriate actions for approval.

The draft conclusions can potentially be tested with a wider audience via a webinar in November and concluded in time for presentation to the next Green Summit planned for March 2019. If appropriate, some of the conclusions could also contribute to the both future Devo discussions and the Clean Growth pillar of the Local Industrial Strategy. Pro-bono support to fulfil some of the required administrative roles identified to support this process is being sought from key partners, including but not limited to ENWL and UKGBC. Offers of support from Districts would be welcomed.

4. **NEXT STEPS:**

The next steps include:

- Finalise and professionally design the Springboard report
- Publish the Springboard Report in July 2018.
- Set up the online work-streams and encourage participation to coincide with launch
- Continue to analyse the 200+ pledges that have been made by public, private and community sector organisations and engage further with pledging organisations. Consider whether a more uniform approach to pledging should be adopted.
- Organise the webinar for November 2018 and the next Summit for 2019
- Set out a pathway for the next 5 years which will move Greater Manchester towards carbon neutrality. This should be drafted in time for discussion at the Summit.
## ANNEX 01 - Taking Forward the Green Summit Announcements

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<tr>
<th>Green Summit Announcement</th>
<th>Activity Undertaken/Required next</th>
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<tr>
<td><strong>General</strong></td>
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| 1  Proposed that we bring forward the date by which we make Greater Manchester carbon neutral by at least a decade | • Define a ‘commitment’ for businesses and organisations to sign up to  
• Publish a ‘Springboard’ document in July to convey the results of the summit  
• Work with GS Steering group to promote |
| 2  Hold a further summit within 6-12 months                                               | • Provisional date set as 25th March 2019  
• Book venue  
• Attract sponsorship  
• Consider a webinar in November |
| 3  Science based approach to calculating carbon targets and trajectories                  | • Organise meeting with GM Senior policy officers to explain implications  
• Define a ‘likely’ GM trajectory |
| 4  Work with Government to ensure it delivers those things that require national action, including decarbonising the national grid and transport infrastructure and seek to negotiate agreements for greater flexibilities and finance through further devolution | • Consider ‘asks’ for autumn budget which may include devolution asks  
• Revise the draft ‘Statement of Intent’ accordingly |
| 5  Lever the strength of our universities to support our endeavours, working with the >100,000 strong student body, as well as accessing the academic expertise on offer. | • UoM undertaking further analysis of GS Survey data  
• Secondment opportunity explored to support activity over next 12 months |

### Natural Capital

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<th>Natural Capital</th>
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| 1  Through Defra’s UK Urban Pioneer city designation take the opportunity to find new ways to value, manage and invest in our Natural Environment | • Feed findings from Green Summit into Urban Pioneer Steering Group  
• Contact Emma Howard Boyd to lead |
| 2  Further explore how we could create a GM Environment Fund to support our aims and, if so, how it could be sustainably funded working with Government, agencies and the private sector | • Explore whether contributions likely with key stakeholders – mtg set 6th July  
• Undertake further due diligence work with EA on the Environment Fund  
• If appropriate, set up fund |
| 3  Produce a Natural Capital Investment Plan by Dec 18 which would identify those natural assets which could provide strategic benefit to local communities across Greater Manchester | • Tender specification prepared  
• Contractors interviewed prior to apptmt  
• Undertake analysis  
• Publish report |

### Energy

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| 1  explore the creation of a GM Energy Company that is able to invest in energy generation, storage and control technologies in buildings to generate revenue from ‘grid balancing’ | • Hold further discussions with ENWL  
• Tender let for consultancy support  
• Undertake analysis  
• Prepare a costed options report for Leaders in July |
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<td>2</td>
<td>produce a Smart Energy Plan by Sept 18, as part of an overall GM wide infrastructure strategy which will also cover digital, EV’s and green and blue infrastructure</td>
<td>Subject to above, complete a due diligence exercise</td>
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<td>Joint workshop held on 21st May with Energy and Buildings stakeholders</td>
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<td>Draft the plan by end July</td>
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<td>Circulate draft for comment in August</td>
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<td>Report to Leaders in September</td>
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<td>3</td>
<td>Electricity Northwest will lead a workstream to assess how more future energy demand can be met from smart, local renewable sources</td>
<td>Joint workshop held on 21st May with Energy and Buildings stakeholders</td>
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<td>Break this down into discrete workstreams which can then report back at the webinar and to the next summit e.g. Hydrogen</td>
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<td>P/T secondment agreed with ENWL</td>
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<td>Support the establishment of ERDF trials</td>
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<td>Consider broadening the existing Bury Energy Path Network study to GM as a whole, subject to funding</td>
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<td></td>
<td>Look for partner support for each workstream</td>
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### Buildings

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<td>1</td>
<td>The GMSF will include a date by which all new homes built across GM will need to be net zero carbon (Further work would needs to be done to agree this date)</td>
<td>Hold discussions with Planning Team on content of GMSF</td>
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<td>Engage UKGBC to advise on suitable date</td>
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<td>UKGBC to undertake analysis</td>
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<td>Perform viability assessment</td>
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<td>2</td>
<td>Public sector to consider not renewing leasing on buildings that they occupy which do not meet minimum energy efficiency standards</td>
<td>Undertake an analysis of existing public sector buildings EPC/DEC ratings (Atkins)</td>
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<td>Support secured from Atkins</td>
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<td>Define appropriate MEES</td>
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<td>Advise leaseholders of compliance</td>
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<td>3</td>
<td>The UK Green Buildings Council will lead a workstream to assess how our current building stock can affordably be retrofit to cost efficient standards. A significant deep retrofitting campaign has the potential to create 55,000 jobs, if an appropriate finance mechanism can be found</td>
<td>Joint workshop held on 21st May with Energy and Buildings stakeholders</td>
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<td>May need to break this down into discrete workstreams which can then report back at the webinar and to the next summit e.g. cost of ‘reasonable’ retrofit</td>
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<td></td>
<td>Support the establishment of ERDF trials</td>
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<td>Look for partner support for each workstream</td>
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### Transport

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<tr>
<td>1</td>
<td>GM will establish a new public sector-led commercial model for the GM EV charging network this year that will be at least double the size of the present system</td>
<td>TfGM has been reviewing the market and identifying plug-in vehicle trends to help determine what type and scale of charging infrastructure will be required to meet future demands. In terms of progress;</td>
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<td>A market sounding exercise will engage with the industry and understand capability and potential in this sector.</td>
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<td>A series of face-to-face meetings have been arranged (end of May and start of June) alongside individual conference calls covering a broad range of operators and infrastructure suppliers, to seek view/aspiration for electric vehicle and charging infrastructure development</td>
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| 2 | GM wants to move to an emissions free bus fleet and we will look at whether our new bus powers can help us to achieve this faster | • A draft document on strategy for EV charging infrastructure locations, has been prepared  
• Parallel to the tender exercise, Local Authorities will be engaged with on defining locations for charging infrastructure  
• For the GMEV tender a draft specification and ITT has been prepared to be finalised post-market sounding  
• It is then intended to formally procure via Pre-Qualification Questionnaire followed by a restricted Invitation To Tender. |
| 3 | GM will transform cycling and walking in the City Region by investing up to £50m per year for three years from 19/20 through the Transforming Cities Fund | • TfGM has considered the current and future landscape of technologies to deliver a zero emissions free bus fleet.  
• TfGM has, and will continue to consider, the options available in order to inform the development of a potential road map to an emissions free bus fleet. This will include funding implications.  
• TfGM is considering how the different options available under bus reform could help facilitate a faster implementation.  
• In March 2018, the GMCA approved an allocation of £160 million from the Transforming Cities Fund (TCF) to support the delivery of infrastructure in line with the proposals in the Cycling and Walking Commissioner’s ‘Made to Move’ report and the emerging “Streets for All” Strategy.  
• GMCA agreed to allocate £10 million in 2018/19 and £50 million per annum thereafter for three years to a Mayor’s Cycling and Walking Challenge Fund.  
• The idea of a challenge fund is that promoters seek funding from the Mayor’s Cycling and Walking Challenge Fund to provide cycling and walking infrastructure to the standards outlined within the Cycling and Walking Commissioner’s ‘Made to Move’ report.  
• A further report submitted to the GMCA on 25 May 2018 which recommended approval of the proposed governance arrangements, including for the allocation of funding and the approval of business cases in relation to allocating TCF to cycling and walking focused schemes and the prioritisation framework against which schemes will be assessed.  
• Details of how the fund can be accessed by the ten GM Districts will be finalised following approval of the above report. |
| 4 | GM will strive to ensure that TfGM's 2040 Strategy – and wider transport investment – is fully aligned with our carbon neutral ambition | • Update required from TfGM |

**Waste**
|   | 1 Run a #Plastic Free GM Campaign to see how GM can be at the forefront of taking action to eliminate single use plastics | • Organise roundtable with Universities for 18th June  
• Establish a communications campaign  
• Source resources for the campaign  
• Undertake a full procurement exercise for the public sector. |
|---|---|---|
|   | 2 Support GM’s tourism and hospitality companies who have already signed a pledge to eradicate the use of single use plastics by 2020. Within the next 6 months, these businesses will set out a plan to achieve this and, as a first step, will have begun to replace plastic with recyclable straws. | • Appoint a Chair for the Tourism and Hospitality Sector Group  
• Undertake a soft market testing exercise  
• Organise first T&H Group meeting and establish quantities of straws to be ordered  
• Order straws and release |
| Launches |   | |
| 1 | Tyndall Centre have published their report which quantifies the impact of the Paris Agreement for Greater Manchester | • Work with Anthesis to role out SCATTER tool to other core cities  
• Webinar held on 23rd May and workshops planned for early June  
• Work with Tyndall to establish best practice from elsewhere |
| 2 | The Wildlife Trust will launch ‘My Wild City’ in Manchester, a £225k campaign to support local action and natural environment awareness | • My Wild City Launched  
• Festival to be held in Manchester in Summer 18  
• Need to promote to general public |
| 3 | Oldham MBC launched their Community Energy Asset Bank, an online service to match up community energy groups with asset owners interested in having their roofspace or land developed for renewable energy by a local community energy group. | • Community Energy Asset Bank Launched  
• Need to promote the Community Energy Asset bank to public and private sector  
• Consider link up with GM Energy Company proposal once known |
| 4 | A wide range of local action on food by the public, private and voluntary sector will be co-ordinated via the launch of Good Food Greater Manchester, a strategic food Board for GM | • Paper prepared to Leaders in June  
• Appoint Chairperson  
• Launch Good Food Greater Manchester  
• Establish and agree a work programme |
| 5 | The new GM Natural Capital Group Website ‘Nature Greater Manchester’ went live on the day of the summit https://naturegreatermanchester.co.uk | • Website Launched  
• Promoting via social media  
• Need to promote the website wider to general public |