What Matters Seminar

Sustainability Matters













Introducing

The Speakers

Steve Sawyer, Manor Royal BID Marc Tomes, Allen Scott Landscape Architecture





Let's Go! Net Zero purpose and goals

- Inspire and support MSME businesses to take action
- Cross-sector and county regions
- Demonstrator events, expert talks, networking, online resources and tips
- Meet businesses where they are to put sustainability on the agenda
- Reach as many businesses as we can between now and May 2024



Funding and delivery partners























Website and social media

More information at www.letsgonetzero.net

#LetsGoNetZero_WS



More information

Renewable Energy manorroyal.org/energy

Cheaper utilities manorroyal.org/utilities

Waste manorroyal.org/waste

Transport manorroyal.org/easit

Let's Go Net Zero letsgonetzero.net









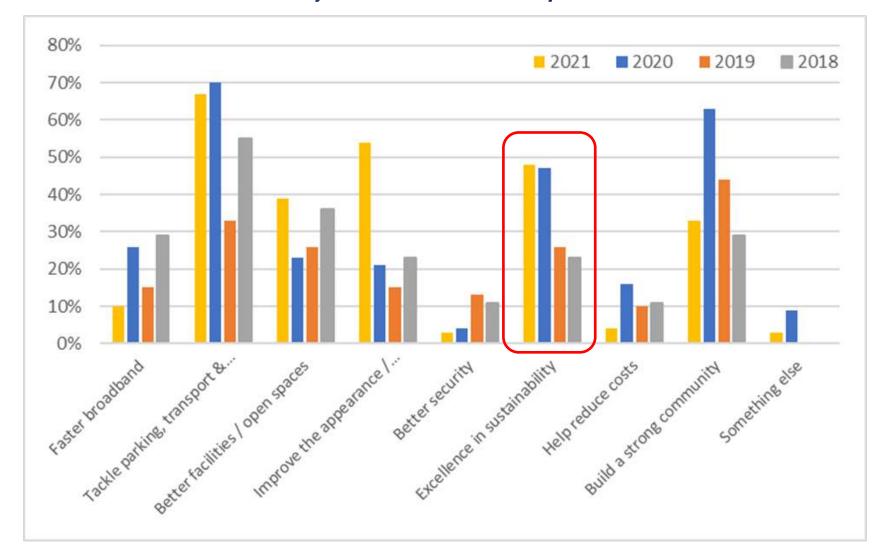






Setting the scene

Sustainability more important



Ways to improve

- 1. Transport & parking
- 2. Improve appearance
- 3. Sustainability



BID3 (2023-28) Research & evidence

87%

Are supportive of the BID and want it to carry on 83%

Satisfied with Manor Royal as a place to do business 66%

Said Manor Royal has got better over the past few years 93%

Rated broadband as an important business issue 90%

Rated maintaining the area as key for the BID to deliver

Important for the BID to deliver	Very Important	Very & quite important
Keep place tidy/well maintained	53%	90%
Lobby for investment in roads/pavement	51%	83%
Make broadband faster	49%	82%
Attract more investment to area	48%	80%
Represent & lobby on behalf of MR	44%	85%
Improve the facilities & infrastructure	43%	82%
Help solve parking problems	42%	76%
Help with cheaper renewable energy	42%	77%
Establish EV Charging network	39%	70%
Additional security	39%	74%

Top issues for businesses

(% very important)

- .. Broadband speeds (64%)
- 2. Security and safety (62%)
- 3. Rising costs/inflation (59%)
- 4. Traffic and congestion (58%)
- 5. Conditions of roads/pavements (57%)
- 6. Tidiness (litter/rubbish) (53%)
- 7. Parking (47%)
- 8. Street scene quality (47%)
- 9. Climate change/sustainability (44%)
- 10. Staff recruitment (44%)

Top 3 priority areas

(% ranking in top 3)

- 1. Help solve parking problems (26%)
- 2. Investment in roads/pavement (24%)
- 3. Attract more investment to the area (19%)
- 4. Keep the place tidy & well-maintained (19%)
- 5. Make broadband faster (19%)
- 6. Improve facilities & infrastructure (17%)
- 7. Additional security measures (16%)
- 3. Invest in cheaper renewable energy (15%)
- 9. Establish and EV charging network (14%)
- 10. Promote businesses to the wider area (13%)

Business Plan (2023-28)

5 Years. 5 Objectives. 1 Manor Royal.















Manor Royal Business Improvement District (BID)

Business Plan Prospectus (2023 - 2028)













"5 years. 5 Objectives. 1 Manor Royal."

Objective 4: Sustain & Renew



Help to make Manor Royal and its companies more sustainable and live within our means.

The Manor Royal BID will deliver:

- Collaborative energy initiatives and forums to facilitate the transition to Net Zero across Manor Royal
- Provision of signposting, guidance and support to enable Manor Royal businesses to become more sustainable
- New and enhanced green community spaces to support wellbeing, with planting and maintenance schemes that support biodiversity
- Provision of advice, support and incentives to adopt more active and sustainable travel behaviours
- Support for Manor Royal's future skills needs through local educational outreach, training provision and promotion of green tech on Manor Royal
- Support and promote wider net-zero ambitions for the area

WHAT OUR BUSINESS PLAN SAYS

Help to make Manor Royal and its companies more sustainable and live within our means.

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TRANSLATES INTO 5 PILLARS OF THE ACTION PLAN

Sustainable & People-led focus



Manor Royal noted for being a sustainable place that supports employee health and wellbeing Creating a place that businesses and people **want** and **choose** to be...

In harmony with our environment.

One Planet Living: Framework for living happily within our means



<u>Project for Public Spaces:</u> Framework for judging the quality of a place / space



Sustainability Action Plan for Manor Royal

One Planet Living Manor Royal assessed against each criteria and given a RAG rating

One Flutter Living Iviation Royal assessed against each criteria and given a RAG fatting				
Health and happiness	Encouraging active, social, meaningful lives to promote good health and wellbeing		SUMMARY MR not fully meeting any criteria.	
Equity and local economy	Creating safe, equitable places to live and work which support local prosperity and international fair trade		Making "Good" progress against 5. Performance needs "Review" in other 5. Some very difficult for MR BID to "own" as there is a dependency on others to act. Three areas offer best opportunity for the BID to act, own and improve.	
Culture and community	Nurturing local identity and heritage, empowering communities and promoting a culture of sustainable living			
Land and nature	Protecting and restoring land for the benefit of people and wildlife	*		
Sustainable water	Using water efficiently, protecting local water resources and reducing flooding and drought	?		
Local and sustainable food	Promoting sustainable humane farming and healthy diets high in local, seasonal organic food and vegetable protein	?		
Travel and transport	Reducing the need to travel, encouraging walking, cycling and low carbon transport	*	Red: Making some progress against the One Planet Living principles but performance and procedures should be reviewed	
Materials and products	Using materials from sustainable sources and promoting products which help people reduce consumption.	?	Amber: Making good progress against the One Planet Living principles but there is room for improvement	
Zero waste	Reducing consumption, re-using and recycling to achieve zero waste and zero pollution	?		
Zero carbon energy	Making buildings and manufacturing energy efficient and supplying all energy with renewables	*	Green: Performing well against the One Planet Living principles	

Future Trends for Manor Royal

<u>Low carbon buildings:</u> Occupier demand and more stringent legislation for more sustainable and energy efficient buildings encouraging landlords to upgrade from EPC E to EPC B by 2030. Existing buildings may be expensive to retrofit. Could create demand, act as a driver and in some cases be problematic.

<u>Future of work:</u> Shift to more flexible, remote and hybrid work patterns may impact space requirements (specifically for offices) and/or create demand for more flexible, co-working and shared spaces.

<u>Wellbeing at work:</u> Likely to remain a key concern requiring employers to have appropriate policies, training and assistance programmes in place. This also impacts on the space in which people are expected to work, expectations employees have of their employer and access to nature and outdoor space.

<u>Future skills:</u> Hard to predict with accuracy. "Green" skills predicted to grow combined with people who want to "make a difference". Automation increasingly predicted to remove routine tasks requiring increasing levels of specialisation among employees.

<u>Shifting public attitudes:</u> Attitudes towards "unnecessary" flying and "flight shame", plant-based diets and "eating local", waste and the circular economy e.g. recycle, re-use, use less, importance of nature e.g. for wellbeing, health and biodiversity (no mow May).

<u>Sustainable transport</u>: Transport remans the largest source of greenhouse gas emissions in the UK. Increased awareness of air pollution, public health risks, rising cost of fuel, growing movement towards "net zero" combined with increasing appetite for electric vehicles likey to create new demand alongside encouragement of active travel behaviour and discouragement of single occupancy car journeys e.g. via parking restrictions or penalties.

<u>Shift to online:</u> Requirements of Ecommerce and deliveries driving the demand for real estate, drivers and increased last mile operations and vehicle use.

Manor Royal BID Sustainability Strategy: Sustain and renew

Helping to make Manor Royal and its companies more sustainable and live within our means

Net Zero built environment: Support the transition to Net Zero across Manor Royal

Lead: Collaborative energy initiatives | Enable: Property forums | Promote & influence: Green building design & planning policy

Manor Royal BID members: Deliver a more sustainable environment for BID members and provide signposting, guidance and support that enables member businesses to become more sustainable

Sustainable environment & operations

Better health & wellbeing

Active & sustainable transport

uture skills & community engagement

Lead

- Member guidance & support
- Projects and maintenance regimes in the public realm to support biodiversity

Enable

- Waste & recycling solutions & services
- Circular economy initiatives

Promote & influence

Support for water neutrality

Lead

- Enhanced green & community spaces to support wellbeing
- Active travel plan & member engagement

Enable

- Subsidised wellbeing training
- Online wellbeing resources

Promote & influence

- Improved facilities and infrastructure for walking/cycling
- Air quality monitoring

Lead

- Sustainable travel programme & plan
- Development of additional platforms/initiatives

Enable

- · Subsidised travel scheme
- Manor Royal parking scheme

Promote & influence

- Public EV charging network
- Improved public transport and active travel infrastructure

Lead

Outreach into local schools & colleges

Enable

- Apprenticeships & work placements
- Skills & training for the green economy

Promote & influence

- Green tech hub & more affordable spaces for small businesses
- Development of new Institute of Technology

Things we are already doing – projects & services



On-site renewable energy

travel green 🌘



Microparks & open spaces





Waste consolidation



Conservation volunteering



Improved bus facilities / super hub bus stops

Promoting active travel

CRAWLEY

Infrastructure investment

Wellbeing support (with Cari)

Spatial vision and environmental audit

MANOR ROYAL BUSINESS DISTRICT

Business Improvement District (BID)

Projects Pack

(2018-2023)

22nd December 2017





















Transformation projects and environmental audit











STRENGTHEN THE SPECIAL IDENTITY, CHARACTER AND NARRATIVE OF MANOR ROYAL

CONTINUE TO UPLIFT THE QUALITY OF PUBLIC REALM, STREETS AND OPEN SPACES HELP ADDRESS BIODIVERSITY CRISIS AND THE CLIMATE EMERGENCY BE STRATEGIC, HOLISTIC AND ENABLE JOINED UP ACTIONS AND OUTCOMES

















Spatial vision and environmental audit

Priorities:

STRENGTHEN THE SPECIAL IDENTITY, CHARACTER AND NARRATIVE OF MANOR ROYAL

CONTINUE TO UPLIFT THE QUALITY OF PUBLIC REALM, STREETS AND OPEN SPACES

HELP ADDRESS THE CLIMATE AND BIODIVERSITY **EMERGENCY**

BE STRATEGIC, HOLISTIC AND **ENABLE JOINED UP ACTIONS** AND OUTCOMES

Strategies and projects:

INSPIRE & IMPROVE

Signature projects:

- GATEWAY 4
- GATEWAY 5 (GREENING)
- FLEMING WAY MICRO PARK
- COUNTY OAK POCKET PARK
- COBHAM WAY POCKET PARK
- GATWICK ROAD PARADE
- MAGPIE WOOD (TBC)
- WOOLBOROUGH LANE LINEAR PARK
- SUPERHUB BUS STOPS / MICRO GATEWAYS
- ARTS AND HERITAGE TRAILS
- ROWLEY WOODLAND WALK (TBC)
- CRAWTER'S BROOK (EXTRAS)

REMEDY & REPAIR

Targeted hotspots:

- NAPIER WAY
- MAGPIE WOOD CYCLE / WALK WAY
- MAXWELL WAY
- RUTHERFORD WAY
- CROMPTON WAY
- FARADAY ROAD
- NEWTON ROADS

- PARKING MANAGEMENT PLAN
- FOOTPATH IMPROVEMENT PLAN
- BIODIVERSITY ENHANCEMENT PLAN
- MATERIALS PALETTE REFRESH

MANAGE & MAINTAIN

Areas of focus:

- TARGETED BLITZ / INTENSIVE CLEANS
- GRASS CUTTING REGIME
- EDGING UP PROGRAMME
- PRIVATE BOUNDARIES
- AFTERCARE OF SIGNATURE PROJECTS

District wide initiatives:

- VOLUNTEERING CAMPAIGN
- MONITORING / AUDIT INITIATIVE
- AWARENESS / COMMUNICATION PLAN
- MANAGEMENT AND MAINTENANCE PLAN

Aims / Outcomes

PLACE DISTINCTION / POINT OF DIFFERENCE

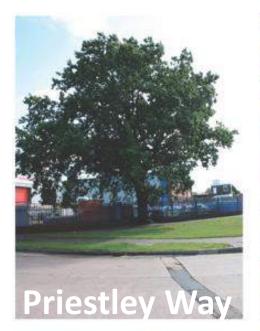
HIGHER QUALITY AND QUANTITY OF **USE-ABLE PUBLIC** REALM

POSITIVE LEGACY WITH A FOCUS ON SUSTAINABILITY

IMPROVED BUSINESS SATISFACTION ENGAGED COMMUNITY

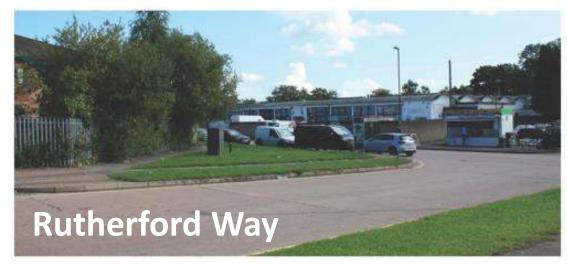
INCREASED ECONOMIC **FUNCTION AND** APPEAL

Before, dull and uninviting





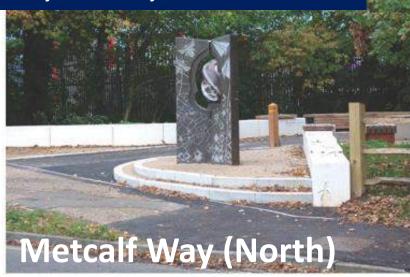






After, inspired by the stories of Manor Royal

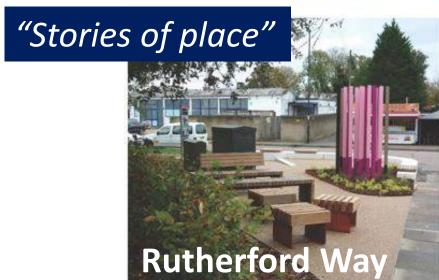
"Yesterday, Today, Tomorrow"

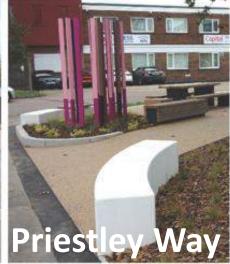


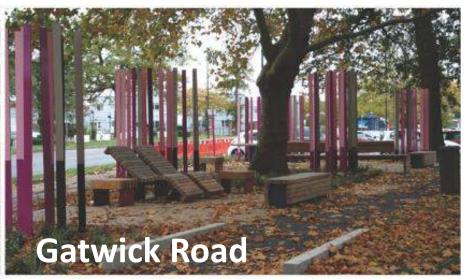




Artist: Stephen Broadbe

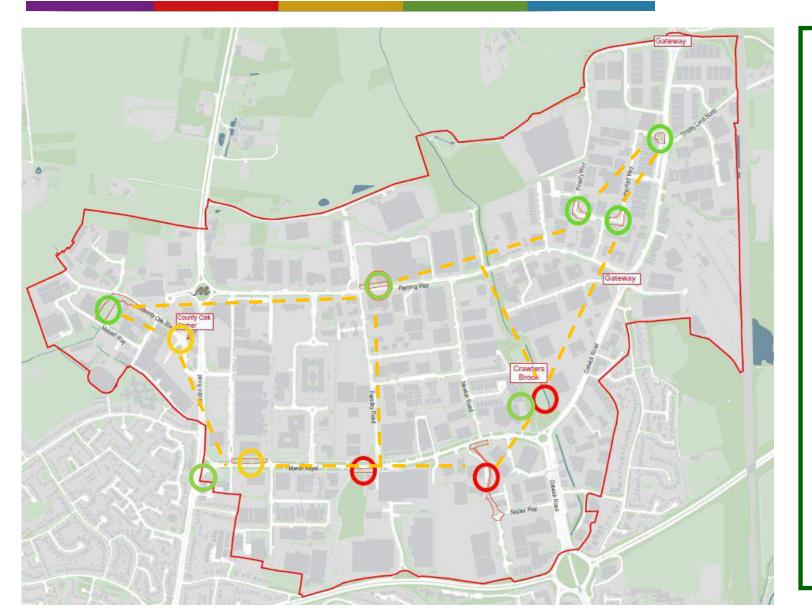






Microparks: upgrading facilities

No person from any business more than a five-minute walk from decent outdoor space



DELIVERED

- Metcalf Way
- Rutherford Way Corner
- Priestley Way Corner
- Gatwick Parade
- The Base
- Crawter's Brook (Phase 1) (*)
- The Terrace Pocket Park (*)

IN DEVELOPMENT

- Manor Royal Central Superhub area
- The Terrace upgrade
- Woolborough Lane Linear Park
- Crawter's Brook (Phase 2)

NEXT IMPROVEMENT AREAS

- County Oak Corner
- Manor Royal East
- "In between" places trail & guide

ReEnergise Manor Royal (Local Energy Community)

Working together to make it easier (and cheaper) to transition to a renewable energy future



Solar Energy

Greener,
More secure

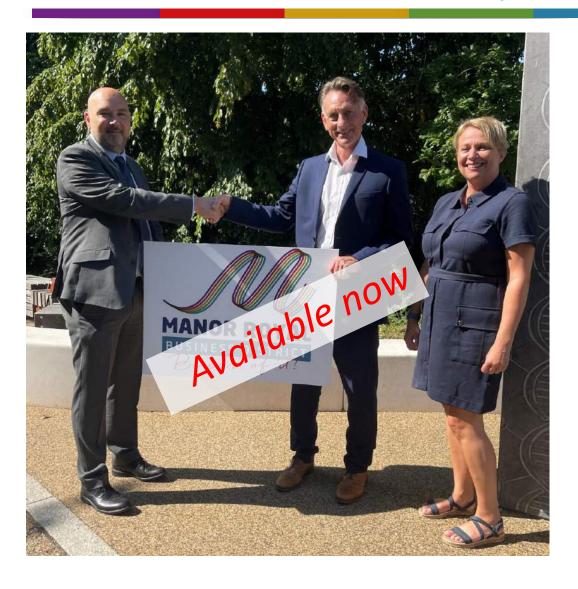
Easier to install & operate

Cheaper overall

<u>HOW?</u> The intention is to achieve this by adopting a collaborative model through the formation of a Local Energy Community (LEC) formed of public and private partners thereby creating a financially stable not-for-profit entity that can raise finance and support the on-going investment in on-site renewable energy generating assets – managed through the LEC – to extend the reach and commitment to renewable energy.

www.manorroyal.org/energy

Eden Utilities - new partnership





Go talk to Sue about tapping into

- Competitive utilities pricing
- More strategic utility buying
- Free energy audits
- Energy forecasting & cost risk management
- Access monitoring & consumption platform

www.manorroyal.org/utilities

Manor Royal "Move it" Project Manager

Two-year "hearts and minds" sustainable transport promotional project as part of the Crawley Growth Programme



PURPOSE

Deliver a structured programme of promotional work in Manor Royal to complement the capital investment being made privately and as part of the Crawley Growth Programme.

Overseeing the development, design and delivery of an exciting new project and play a key role in managing the delivery of the BID's new sustainability objective, "Sustain and Renew".

WHAT

Two-year Project Manager Employed by the BID Full or Part time Up to £34,000 per annum

OBJECTIVES

- Deliver "Sustain & Renew" Action Plan
- Promote active / sustainable travel
- Work towards realising the benefits of the Crawley Growth Programme
- Achieve evidence of modal shift
- Develop Manor Royal area-wide Travel Plan

Working alongside and with easit, Metrobus and Manor Royal BID

A more sustainable, biodiverse future



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Specific projects to help implement these initiatives include:

- DEVELOPING AND IMPLEMENTING AN ECOLOGICAL ENHANCEMENT PLAN
- REFRESHING THE MATERIALS / FURNITURE PALETTE

- IMPLEMENTING THE PARKING MANAGEMENT PLAN
- CONTINUING TO IMPLEMENT THE FOOTPATH IMPROVEMENT PLAN
- ENABLING A VOLUNTEERING CAMPAIGN
- DEVELOPING A PUBLIC REALM MONITORING / AUDIT INITIATIVE

- CREATING A CLIMATE CHANGE AWARENESS / COMMUNICATION PLAN
- ESTABLISHING AND DELIVERING A DISTRICT WIDE MANAGEMENT AND MAINTENANCE PLAN

Manor Royal Business Improvement District Green Infrastructure & Biodiversity Framework & Action Plan (GI&BF&AP?)

Sustainability Matters

Novembers 2023













































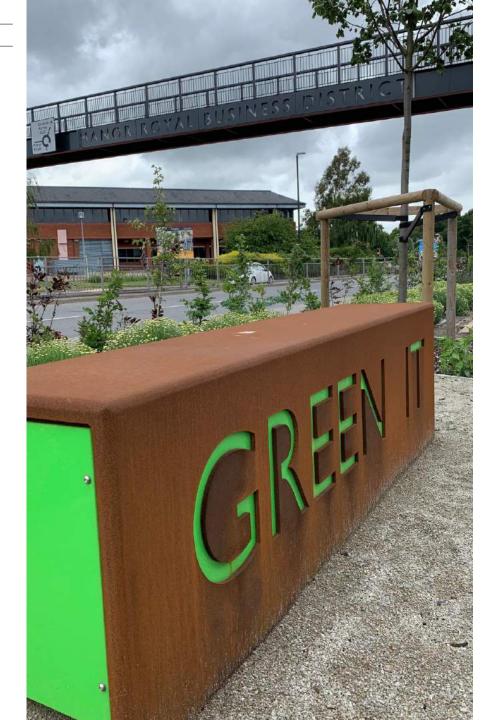


Sustainability Matters

- Why are we focussing on green infrastructure and biodiversity
- What does good green infrastructure & biodiversity provide
- What have we done so far
- Where can we improve
- What do we want out of this project and its actions
- How are we going to do it



Marc Tomes CMLI Chartered Landscape Architect Director / Co-owner Allen Scott High Street Task Force Expert Working with Manor Royal since 2015





Projects Pack - general thrust includes:

- Enhancing biodiversity, character and community awareness;
- Protecting the important areas of existing woodland and celebrating these as ecological oasis for people to connect with nature;
- Increasing appropriate habitats and vegetation along cycleways / walkways;
- Managing surface water drainage in a sustainable way;
- Seeking to use more sustainable sourced materials within public realm enhancement projects; and
- Integrating biodiversity benefits into management and maintenance regimes throughout Manor Royal.

The story of Manor Royalis one of growth, change and rogress



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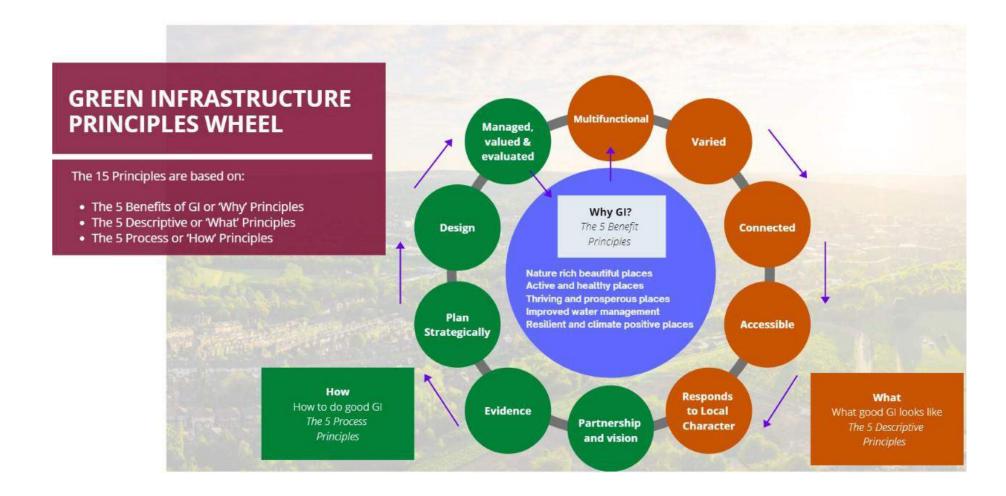


Projects Pack - ideas for enhanced GI&B





Natural England's GI Framework 2023





Natural England's GI Framework 2023

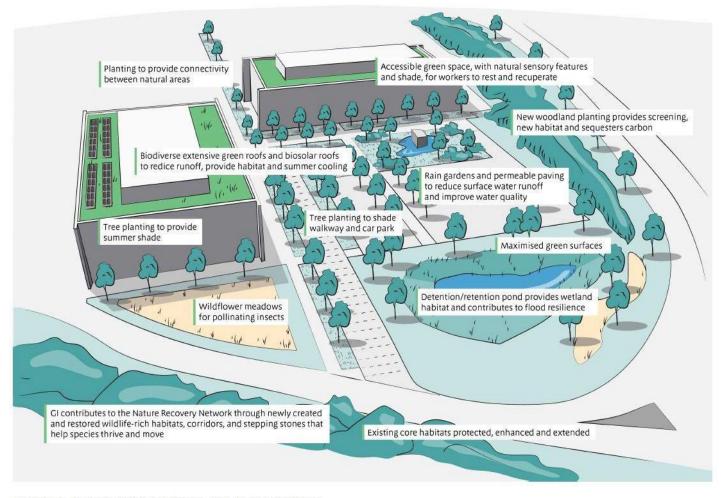


Figure 22: Commercial, Business, and Industrial Sites



Natural England's GI Framework 2023



Figure 9: Habitat networks. Adapted from the National Model Design Code



9 Manor Royal

Well planned, designed & managed GI delivers:

- a wide range of ecosystem services
- protection and enhancement to biodiversity
- improvements to people's health and well being
- social cohesion and a sense of belonging
- a reduction in air and noise pollution
- mitigation for the urban heat island effect





What is Green Infrastructure?

Green Infrastructure (GI) is a network of multi-functional green and blue spaces and other natural features, urban and rural, which is capable of delivering a wide range of environmental, economic, health and wellbeing benefits for nature, climate, local and wider communities and prosperity. (National Planning Policy Framework, 2021).

Green Infrastructure provides an opportunity to link with Biodiversity Net Gain, Local Nature Recovery Strategies, Nature Recovery Network, and Natural Capital.













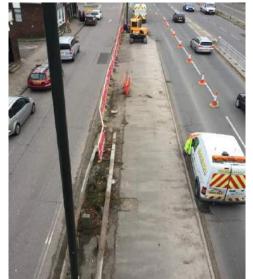


















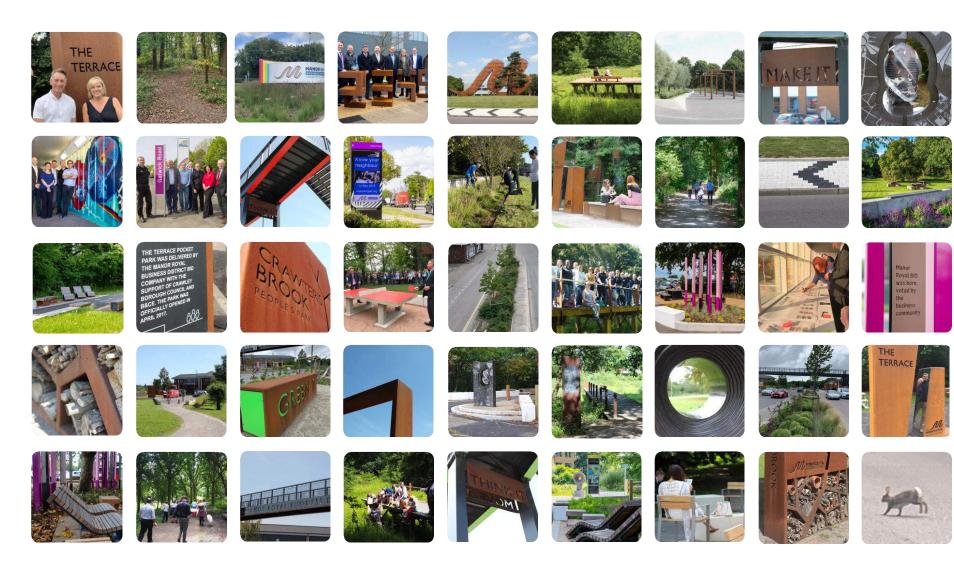








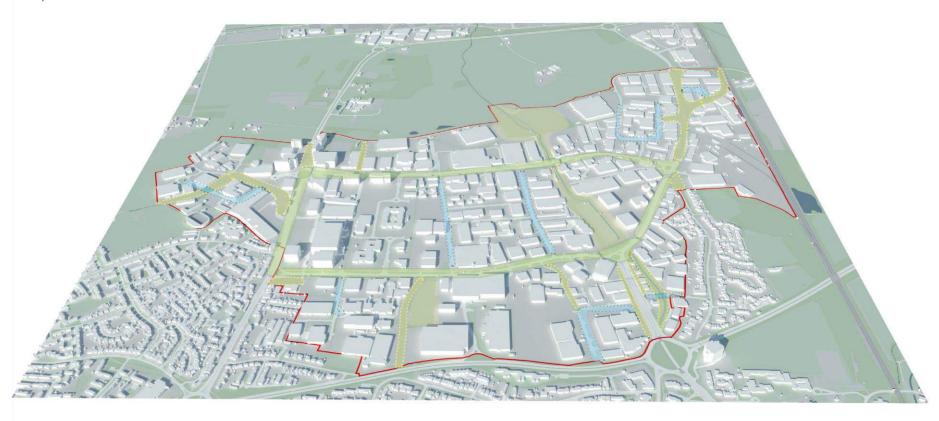






Emerging district wide green initiative framework

Conceptual idea





GREEN CORRIDORS

LESS GREY - MORE GREEN: ECOLOGY / BIODIVERSITY CORRIDORS WITH OPPORTUNITIES FOR ALTERNATIVE GRASS CUTTING / WILDFLOWER MEADOW PLANTING / INCREASE IN SPECIES FOR BUGS AND BUTTERFLIES / MORE SPACE FOR CYCLING, WALKING AND PUBLIC TRANSPORT.



GREEN STEPPING STONES

INCREASE IN APPROPRIATE VEGETATION TO HELP PROVIDE ECOLOGY / BIODIVERSITY STEPPING STONES



GREEN/ BLUE STREETS

POTENTIAL PRIORITY LOCATIONS TO SHOWCASE SUSTAINABLE DRAINAGE SYSTEMS (SUDS) APPROACH TO SURFACE WATER DRAINAGE



GREEN SPACES

IMPORTANT SPACES FOR THE PROTECTION OF ECOLOGY / BIODIVERSITY WITH POTENTIAL FOR PEOPLE TO CONNECT DIRECTLY WITH NATURE



Green Corridors









Green oasis and green stepping stones









Green / blue streets

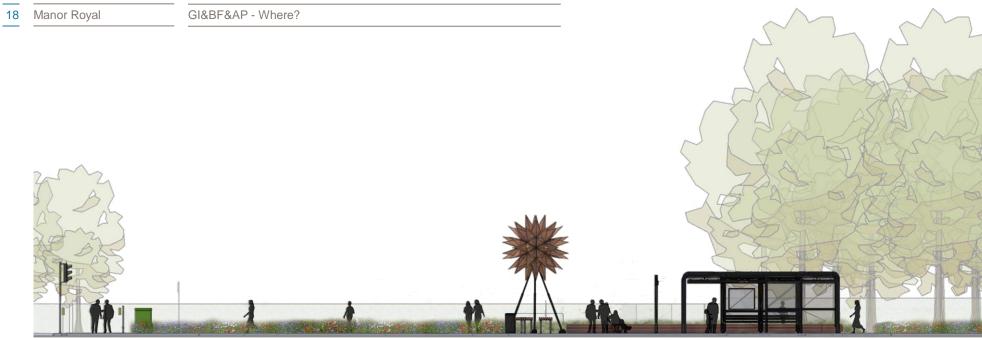




























LESS GREY - MORE GREEN: ECOLOGY / BIODIVERSITY CORRIDORS WITH OPPORTUNITIES FOR ALTERNATIVE GRASS CUTTING! WILDPILOWER MEADOW PLANTING / INCREASE IN SPECIES FOR BUGS AND BUTTERFLIES / MORE SPACE FOR CYCLING, WALKING AND PUBLIC TRANSPORT.

GREEN STEPPING STONES

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GREEN/ BLUE STREETS

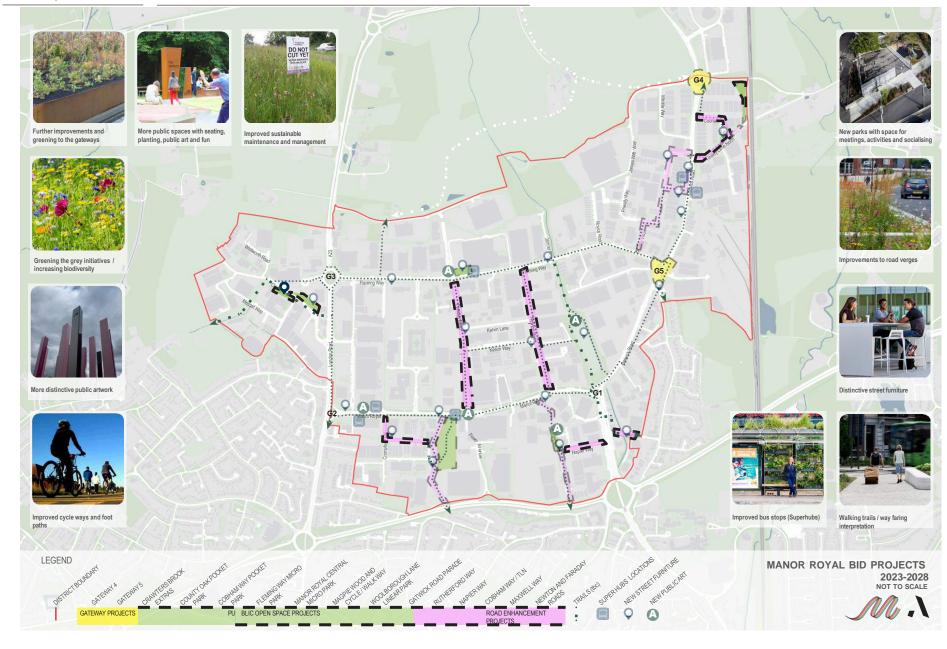
POTENTIAL PRIORITY LOCATIONS TO SHOWCASE SUSTAINABLE DRAINAGE SYSTEMS (SUDS) APPROACH TO SURFACE WATER DRAINAGE MANAGEMENT



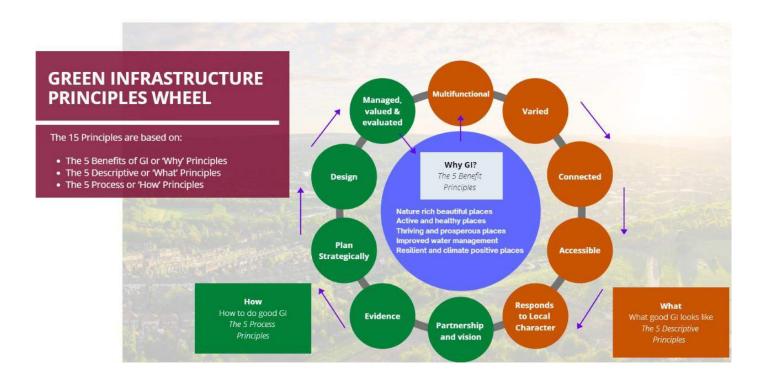
GREEN SPACES

IMPORTANT SPACES FOR THE PROTECTION OF ECOLOGY/ BIODIVERSITY WITH POTENTIAL FOR PEOPLETO CONNECT DIRECTLY WITH NATURE





How?



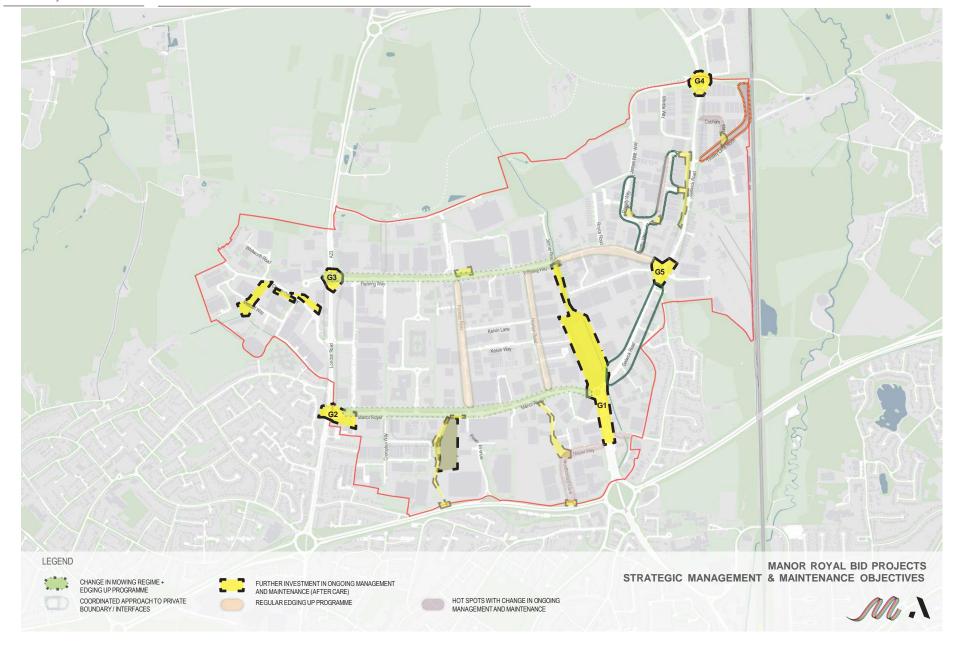
"The emphasis in the Framework on the multiple benefits of GI can help ensure nature delivers wider benefits for people as well as biodiversity"

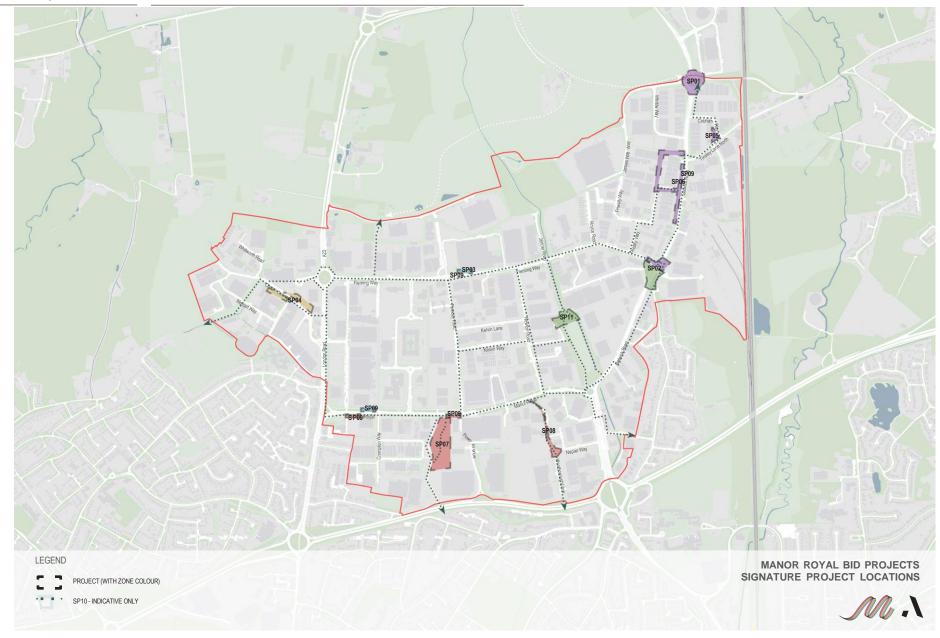












Next Steps:

- preparing the team and the vision
- evidence gathering (site visits / mapping / BNG baseline etc)
- planning strategically (principles / benefits etc)
- designing (opportunities / ideas etc)
- developing an action plan (a list)
- further engagement / consultation
- implementation
- review and evaluate
- integration into projects

CONFIRM DATA GATHERING PROCESS / OUTPUTS (EG GIS DATASETS)

CONFIRM TYPOLOGIES / AREAS TO BE ASSESSED

COMMENCE INFRASTRUCTURE AND BIODIVERSITY BASELINE AUDITS

REVIEW OUTCOMES FROM AUDITS

PREPARE PRINCIPLES FOR GREEN INFRASTRUCTURE

DEVELOP IDEAS IN THE CONTEXT
OF PROJECTS PACK, BASELINE AND
PRINCIPLES

PREPARE GI&B FRAMEWORK

PREPARE GI&B ACTION PLAN

DELIVER ACTION PLAN

REVIEW / EVALUATE OUTCOMES



Champions

Promote & influence

Promote the area, the companies and represent the interests of the Business District.

Sustain & renew

Take steps to create a more sustainable business location and live within our means.

Infrastructure & facilities

Invest in the physical environment and infrastructure so that Manor Royal looks and works better.

Trade & save

Bring companies together to look at ways to help save money or improve trade.

Manage & maintain

Provide additional investment to ensure Manor Royal is wellmaintained and safe.





Thank you

Contact me: marc.tomes@allenscott.co.uk



Marc Tomes CMLI
Chartered Landscape Architect
Director / Co-owner Allen Scott
High Street Task Force Expert
Working with Manor Royal since 2015





Questions

Sustainability Matters

Please ask any questions













More information

Renewable Energy manorroyal.org/energy

Cheaper utilities manorroyal.org/utilities

Waste manorroyal.org/waste

Transport manorroyal.org/easit

Let's Go Net Zero letsgonetzero.net















#ManorRoyalMatters

Dash to the main room

1145 to 1215

Plenary

Decade of delivery (Film)

Our possible tomorrow

End & Lunch











