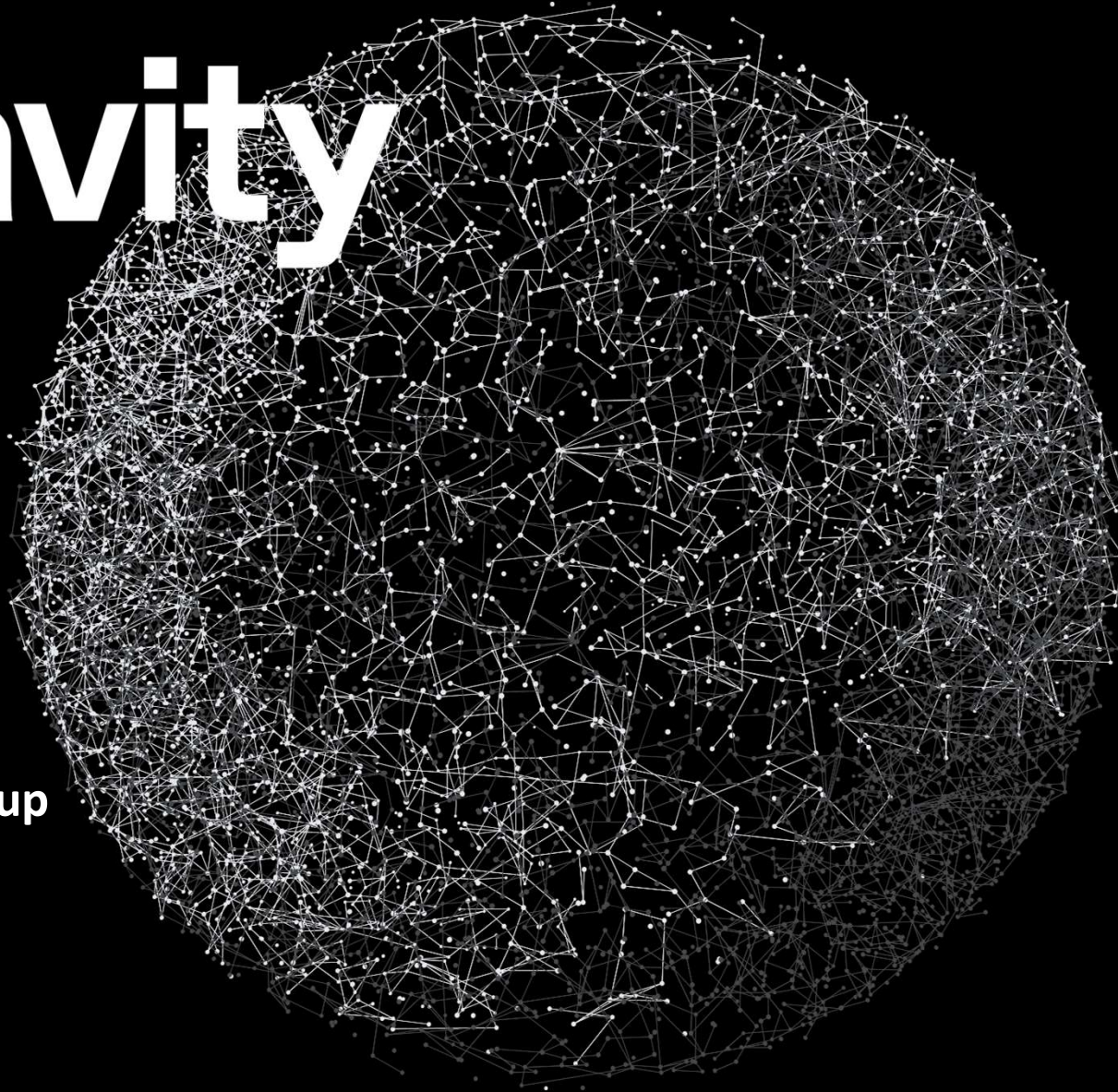


Gravity



LDO Delivery Group
Meeting **Five**
23 March 2021

Gravity

Item	Subject	Timings	Lead
1.	Welcome, strategic update and focus of the meeting	2.30 – 2.35	CP
2.	Minutes of Delivery Group Four on 23 February	2.35 – 2.40	JT
3.	Community Update	2.40 – 2.50	BL
4.	Creating Social Value in the Community <ul style="list-style-type: none"> - Introducing two key Delivery Partners: - Bounce Forward – Lucy Bailey - MOBIE – Mark Southgate 	2.50 – 3.20	LB MS
5.	Environment <ul style="list-style-type: none"> - Approach to EIA - Environment Sub-Group update 	3.20 – 3.35	JH / SN
6.	LDO and Design Guide <ul style="list-style-type: none"> - Programme and structure - Role of the Delivery Group in shaping the LDO and Design Guide 	3.35 – 3.50	FO / JH / MC
7.	Transport Sub-Group Update	3.50 – 4.00	SW
8.	Utilities sub-group update	4.00 – 4.10	PL
9.	Delivery Group Discussion and Exchange of Ideas	4.10 – 4.25	ALL
10.	AOB and Next Steps <ul style="list-style-type: none"> - Delivery Group Meeting Six on 20th April 2.30 – 4.30 - Topics & other sub-groups 	4.25 – 4.30	CP

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Welcome, Strategic Update and Focus of the Meeting

- Community update
- Creating social value in the community – Bounce forward and MOBIE
- Environment / EIA
- LDO and Design Guide
- Sub Group updates
- **Delivery Group discussion and exchange of ideas**



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Minutes of Delivery Group Four

Approval of monthly Delivery Group Minutes

- Circulated on 18th March



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Community Update

- ✓ **Webinar 17 March:** Eighteen attendees. Good levels of engagement.
- ✓ **Media relations:** Consultation update (online map) and freeport bid
- ✓ **Community conversations**

Upcoming engagement (April)

- ✓ **Business discussion** - 8 April
- ✓ **Webinar** – 21 April
- ✓ **Media relations** (various)

Preparing for events and communications from May onwards.



News

20th March

Gravity invites Puriton and Woolavington residents to give thoughts on area



By Richard Browne | [@CGazette_Rich](#)
Reporter



[f](#) [t](#) [in](#) [e](#) [0 comment](#)

Most read

Commented

- Berrow woman, 65, to face trial accused of murdering her husband
- Assaulting police officers among latest cases in court
- Was 'sonic boom' in Somerset caused by a METEOR?
- BIG BANG THEORIES: Mystery over cause

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Creating Social Value in the Community

Introducing two key Delivery Partners:

- Bounce Forward – Lucy Bailey
- MOBIE – Mark Southgate
- The Gravity Design Competition



Bounce Forward

- National charity
- Incubated within Hertfordshire County Council
- Independent in 2016
- Specialising in practical resilience for schools

**Our teacher
training courses
are grounded in
theory, research
and evidence**



Our Principles

- Resilience is not just about overcoming setbacks, it's also about making the most of opportunities and thriving.
- We base our approach and training on solid research, theory and evidence.
- We teach skills and strategies that work in the real world.
- The adult's matter: their role is vital in helping children and young people be resilient and thrive.

What We Do

- Work with schools and parents
 - Reached 1,925 schools
 - Provide training, curricular, programmes and strategic support
- Learn about what works
 - Cutting edge research
- Influence education policy
- Collaborate



Personal Development

Capacities for Resilience

Protective factors that enable resilience.
Based on systematic reviews and evidence



Resilience Skills

Practical, teachable, and measurable. They help us to get the best outcome from everyday situations.

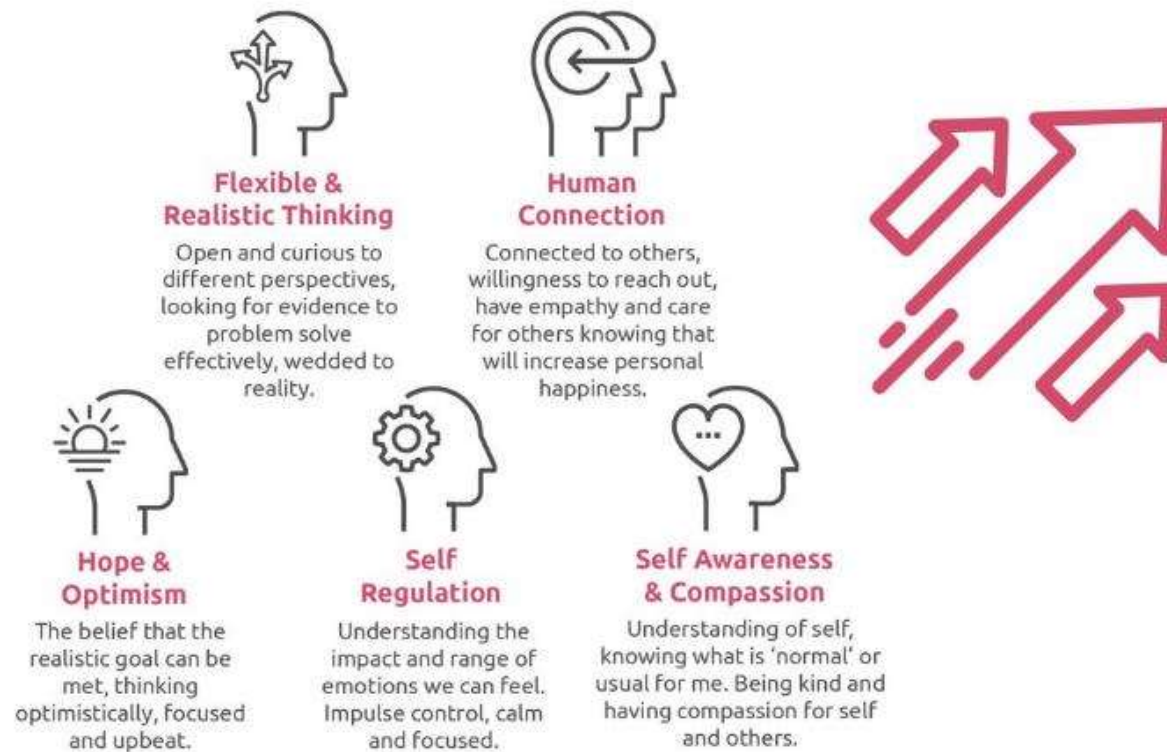
Resilience Competencies

Strategies and habits developed from using the skills. Useful across all domains. Life tools.

Resilience Skills

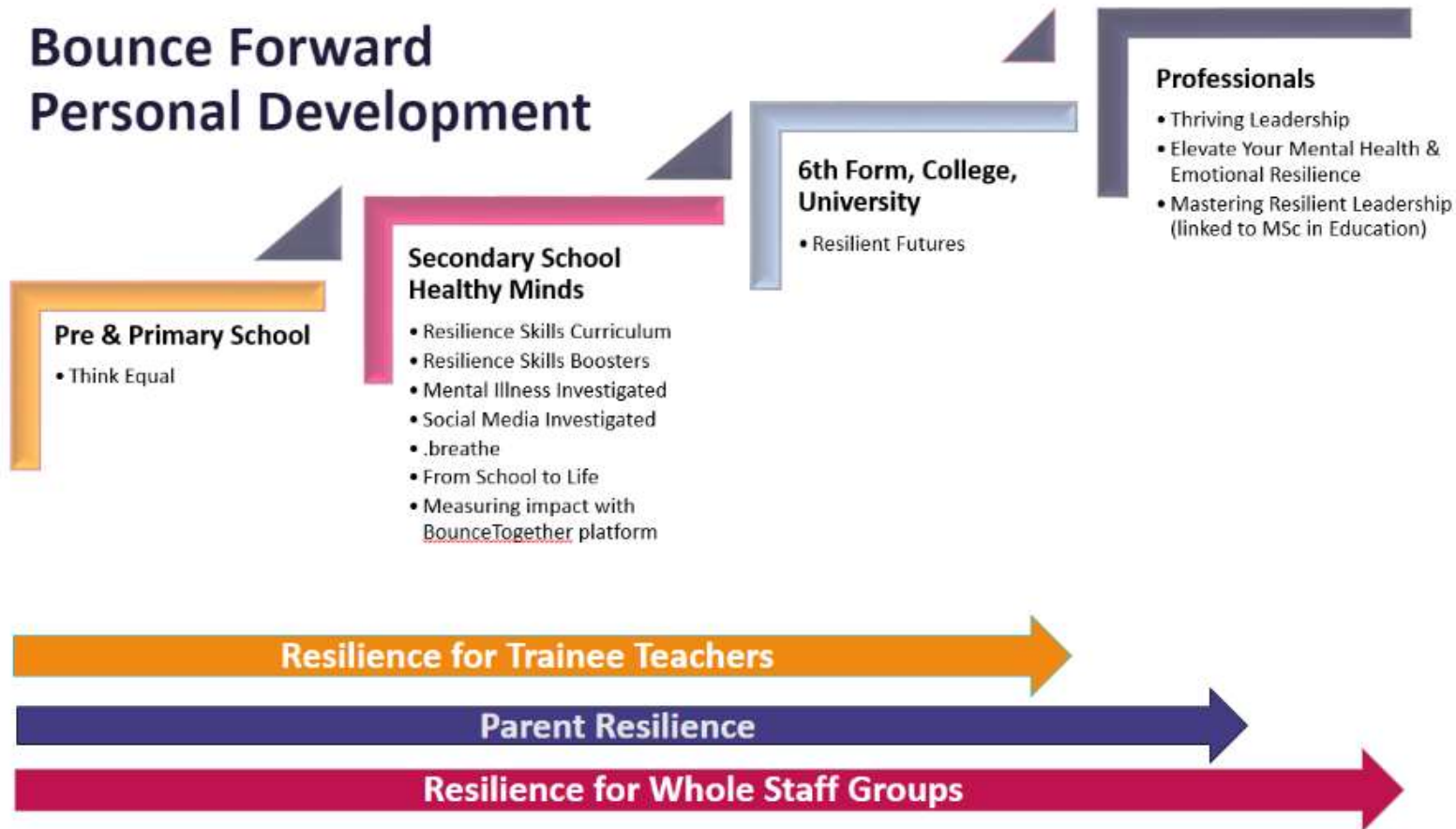


Resilience Competencies





Bounce Forward Personal Development



MOBIE

➤ Mark Southgate

About MOBIE

I Home is the most important piece of architecture in our lives. It crafts the way we live, and how we grow as families and communities. A well-designed home can enhance the way we live and promote our well-being.

George Clarke MOBIE Founder

"I started MOBIE to create a generational shift in home building"

MOBIE
Ministry of Building
Innovation and Education

The graphic features a red background with a large, faint house silhouette. On the right, a man (Mark Southgate) is shown from the chest up, wearing a black t-shirt and a watch, with his arms crossed. The text is arranged in a clean, modern layout with varying font sizes and weights.

Education

Our courses focus on design, production, technology, economics and leadership and include modules on:

- Home and Housing Design
- Alternative construction methods
- Future thinking technology and materials
- Building Information Modelling (BIM)
- Sustainability
- Prototype Development
- Housing industry and housing economics



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Engagement

MOBIE challenges show the fantastic creative ability young people have to engage with complex issues.

“This design challenge will stay with them through their school lives and will shape their future career paths”

Peter Williams
Head of Design & Technology
Weston Favell Academy, Northampton



MOBIE Student Design Challenges so far:

2021 RIVERSIDE SUNDERLAND: A UNIVERSITY DESIGN CHALLENGE

with
TRADA
CTI

Launched
1st. February



2020/21 SUNDERLAND SCHOOLS DESIGN CHALLENGE

With Sunderland
City
Council



2020 HOME OF 2030 YOUNG PERSONS' CHALLENGE

with
RIBA
MHCLG
BRE



2019 MULTI- GENERATIONAL LIVING

with
MTC
CIH

3x3x3 metre
Pods



2018 *OSM* STUDENT HALLS OF RESIDENCE

With
DEC
& Class of
Your Own

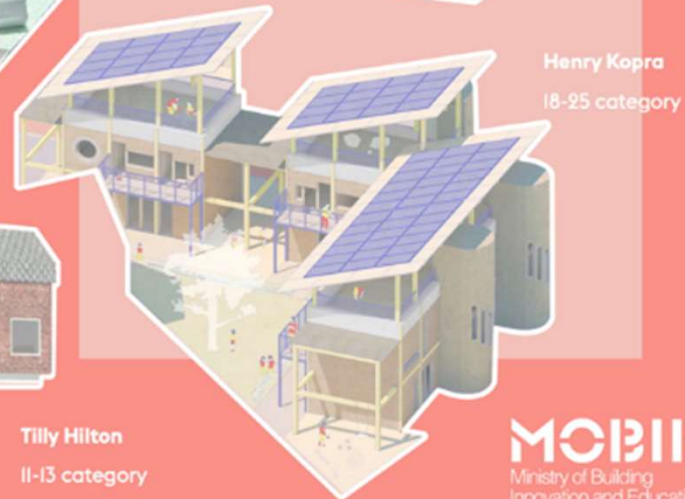


2017 Modular School Buildings

With
MTC



Engagement



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The Gravity Design Competition

- Engaging children and young people aged 9 – 18
- To design a great home in a new community that is zero carbon and meets the needs of the future.
- Design challenge focussed on the integrated campus through home, work and travel
- Create a home of the future in a great place where people can live, work and thrive
- Personal development for students is integrated
- Support webinars for school's 31st March & 1st April
- Finals event 30th June
- Professional development for staff 5th May 3-4.30pm



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Gravity Design Competition



EIA Assessment Scenarios

- Update to EIA Approach presented to the Delivery Group in January 2021
- Proposed approach:
 - Dynamic Baseline: Current conditions with natural evolution to 2032 without the LDO.
 - Topic by topic approach to baseline and extant consent.
 - Assessment – full LDO (construction and operation including flexible parameters) comparison with baseline.
 - Timetable

Item	Date
Baseline data collection	Ongoing 2021
Preparation of EIA Scoping Report	Jan - March 2021
EIA Scoping Report submission to SDC	End March/early April 2021
Consultation on EIA Scoping Report	Early April - May 2021 (5 weeks)
Parameter Plan Fix	By end April 2021
Completion of Scoping Report and Adoption of Report as the EIA Scoping Opinion	By end May 2021
Preparation of ES	May – July 2021
Completion of ES	August 2021

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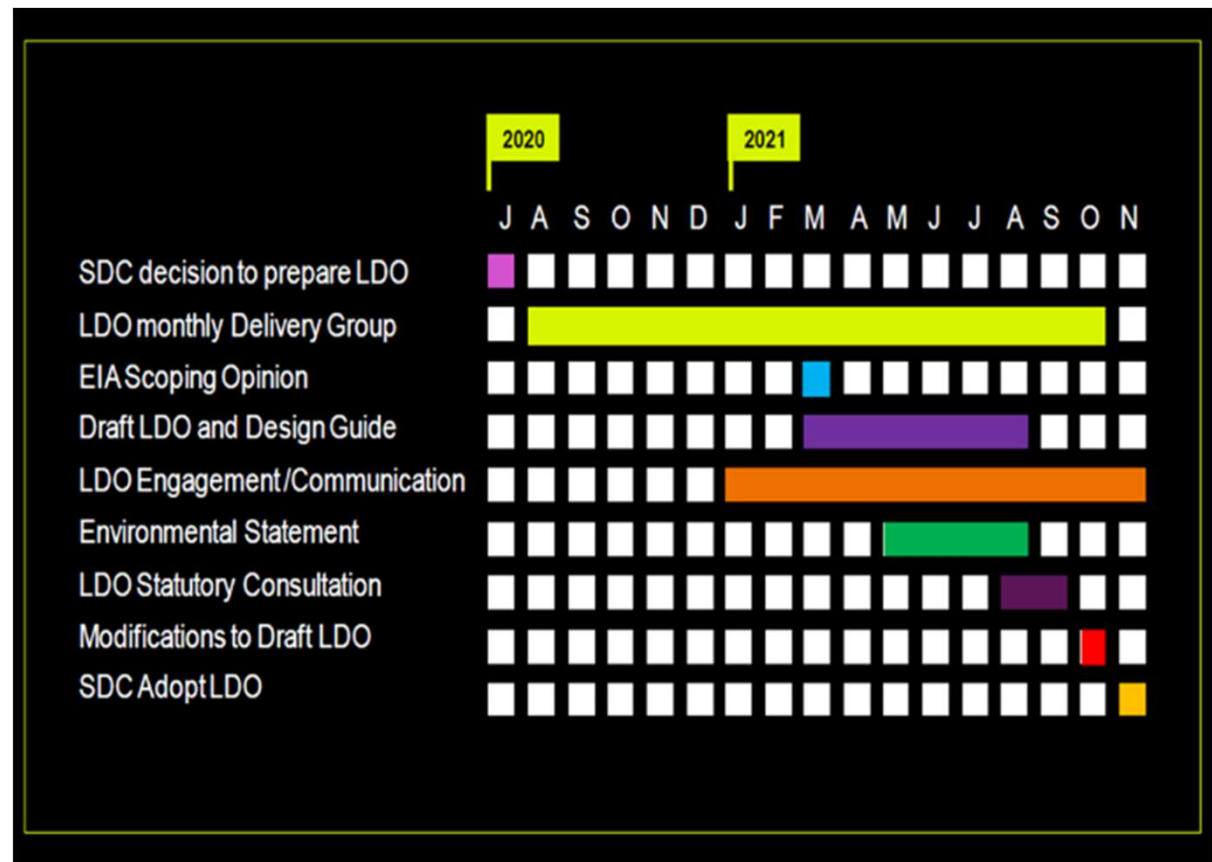
Environment – Update on Environmental Sub Group

- First meeting 2nd March
- Attended by Gravity, Arup, Ashfield Solutions, Ecology Solutions, Environment Agency, LDA Design, Natural England, Richards Partnership and Stantec
- Overviews provided for ecology, water, landscape & arboriculture and spatial plans
- Update on meeting and outcomes re Nutrient Neutrality
- EIA Update
- Discussion and agreed purpose

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Local Development Order

- The LDO process is robust and requires similar disciplines and rigour to a normal planning application
- The Delivery Group plays a critical role in a fostering a collaborative approach to develop the vision and outcomes
- An LDO approach is aligned with accelerated delivery.
- The decision making remains locally with Sedgemoor DC.



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Local Development Order

Introduction – purpose and scope

The Site – description and development considerations

Statement of Reasons – overall objective, site context and location, brief description of devt permitted, justification for creating the LDO, policy context

LDO – Schedule of devt permitted, site boundary, lifetime, monitoring, revocation, agreements/contributions, consultation and engagement

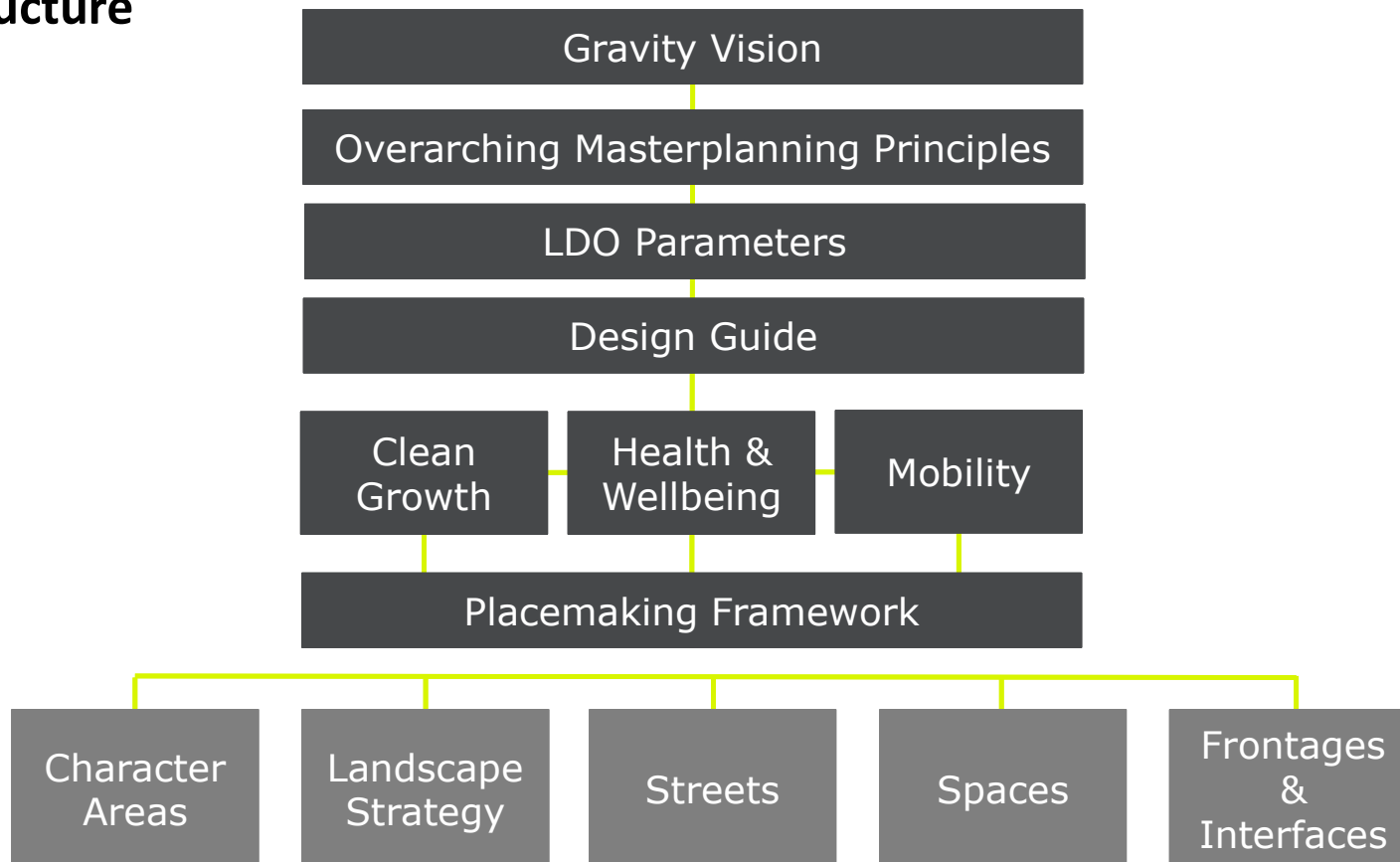
Conditions

Conformity Process

Preparation	<ul style="list-style-type: none">• Draft the LDO and SoR• Define the development• Ensure no listed buildings are affected• Specify conditions
Consultation	<ul style="list-style-type: none">• Consultation with the prescribed bodies and any person affected by the LDO• Place the draft LDO on the Planning Register
Publicity	<ul style="list-style-type: none">• Website, local newspaper, site notice
Consider Representations	<ul style="list-style-type: none">• Make any modifications to the draft
Adoption	<ul style="list-style-type: none">• Adopt by resolution of the Planning Authority• Send to the SoS
Revocation or Revision	<ul style="list-style-type: none">• The LPA can prepare a revision at any time
Maintain a Register	<ul style="list-style-type: none">• Add draft and adopted LDOs to the existing register of applications

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Design Guide Structure

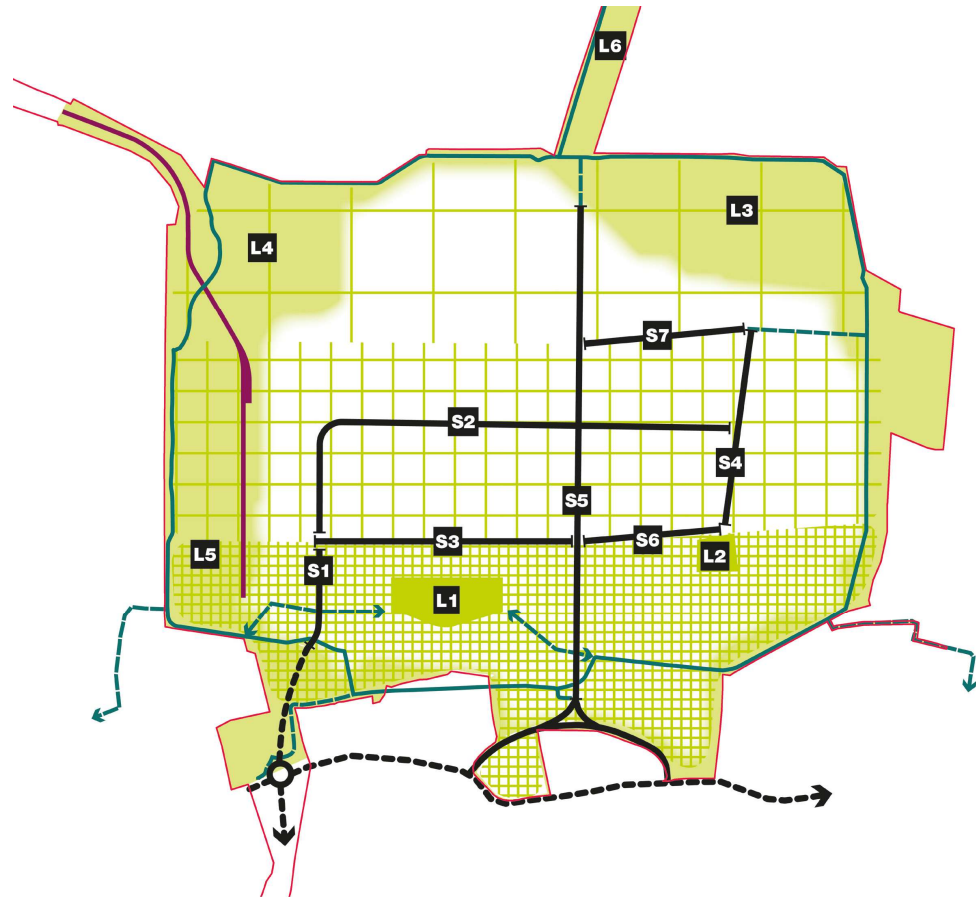


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Placemaking Framework

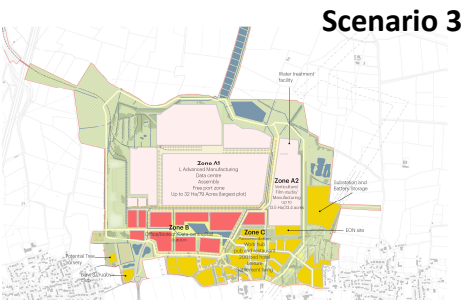
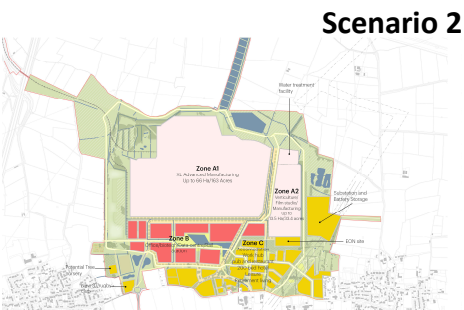
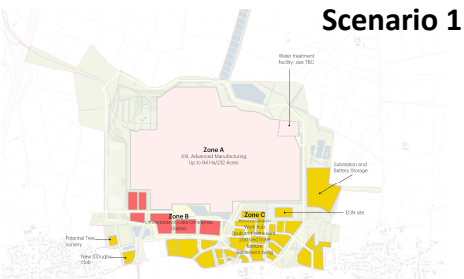
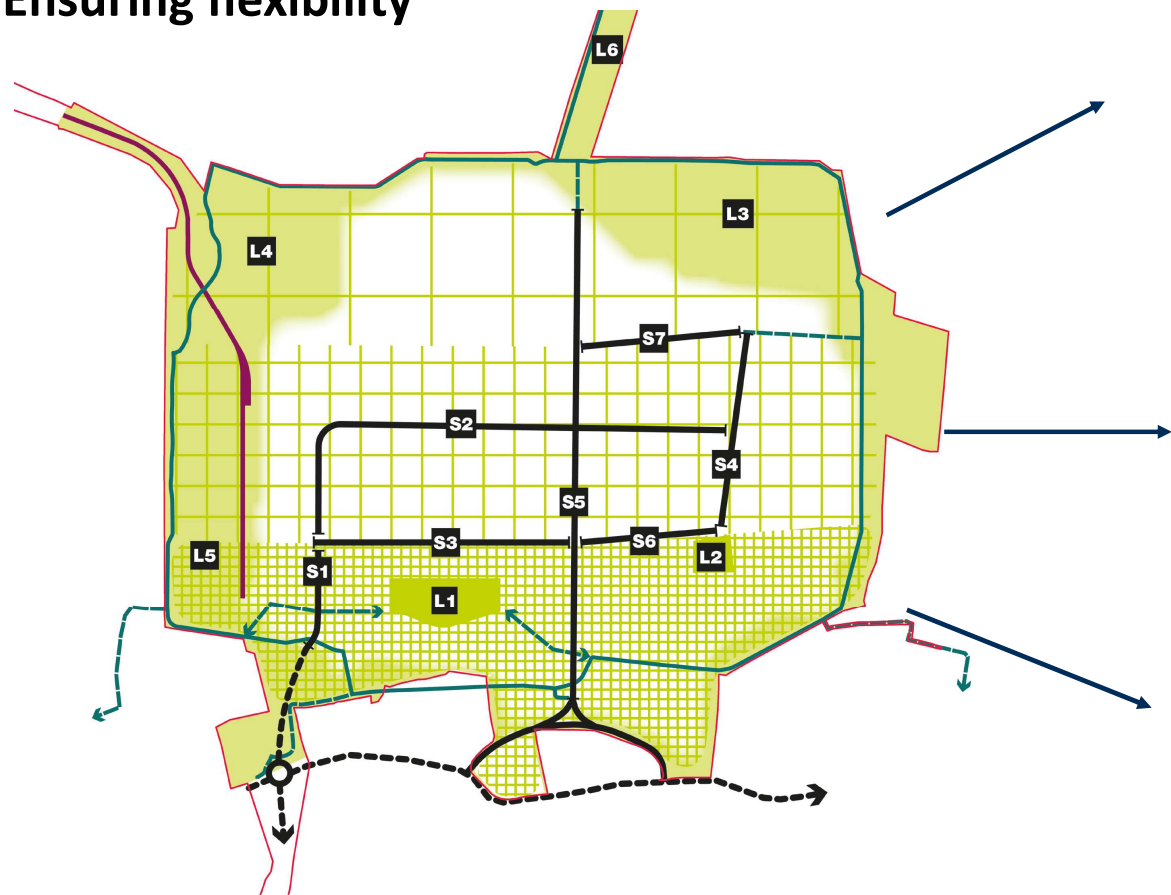
- Defining Zones or Character Areas:
- Showing the key elements that structure place
- Acting as a 'key plan' for design guidance

NOTE: Example (right) based Strategic Design Code for extant consent



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Ensuring flexibility



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Character areas

- Defines the desired character of different site areas
- A benchmark proposals can be judged against
- Defines scale and disposition of uses in different parts of the site

C2: Gravity Central

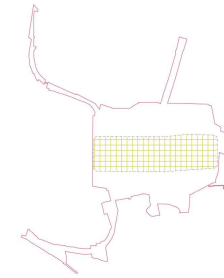
Gravity Central is the core larger unit employment area, comprising B8, B2 and energy uses in a strong landscape framework

Defining characteristics

- A clearly structured, functional and efficiently laid out employment area with flexible plots held together by a strong public realm framework.
- Active building edges fronting onto the main movement network.
- Draws upon the character of the long linear streets, including the existing Horse Chestnut Avenue.

Anticipated building scale, rhythm and massing

- Flexible floorspace within a clear framework.
- Clarity of form, coordinated building lines offsets from street edge.
- Use of a variety of architects encouraged to create a diverse streetscape.
- Buildings positioned to create an engaging sequence of spaces



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Landscape Strategy

- Integrated approach to landscape, biodiversity, blue infrastructure and leisure/health and wellbeing
- Key design principles
- Planting character and typical species

L3: Meadow

Purpose and function

- An open landscape of existing meadow grassland with recreational paths.
- Close coordination between built form and landscape planting to ensure that key building elements are emphasised while secondary frontages are carefully screened.

Characteristics

- Natural Levels character
- Open landscape
- Summer pastures criss-crossed with a geometric pattern of rhynes
- Long straight access droves and distinctive pollarded willows and black poplars.
- Native hedgerows of local provenance.
- Managed/farmed landscape

Activities

- Interpretation and education
- Gravity Orbit - Bridleway /Outer loop
- Walking and cycling routes
- Seating and picnic lawns
- The existing lakes and Fishing Club retained

Ecological considerations

- Enhancements to Puriton Rhynes & Ponds LWS habitats.
- Existing water, rhynes and open meadow.
- Conservation and enhancement of existing rhynes.
- Borrow Pit LWS.

Elements

- Mounded landscape features.
- Proposed tree planting.
- Meadow.
- Retained historic pill box/bat barn features.
- Reintroduction of Black Poplar.



25

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Streets

- Typical street sections
- Designed to accommodate access, mobility and placemaking
- Integrated design and infrastructure approach

S3: Gravity Walk (Mobility Street)

Purpose and function:

- Primary entrance to the development via the newly constructed link road;
- A green and attractive street that handles a high degree of traffic.

Treatment at junctions:

- Optional change in carriageway material/surface finish at key junctions;

Indicative street section:

- Dimensions are approximate

Planting Character:



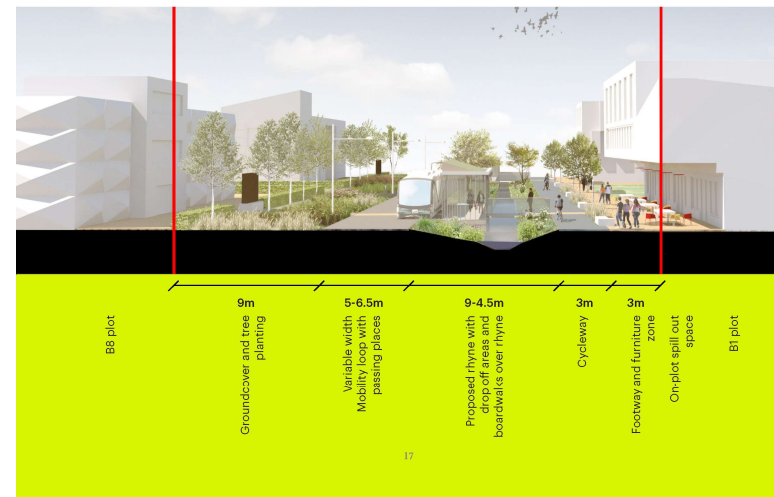
Pioneering tree species such as birch, informal spacing and multistem



Meadow interwoven with bulbs, grasses, herbaceous shrubs



Water loving tree species such as willows and alder



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Streets



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Spaces

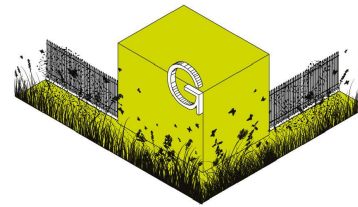
- Defines key 'places and spaces'
- Sets desired quality and character of key places and spaces
- Typical design approach and materials palette



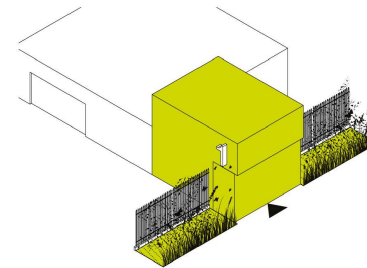
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Frontages and Interfaces

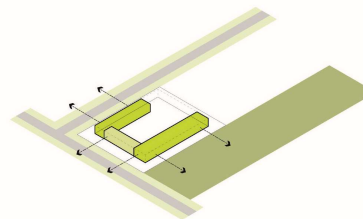
- Defines how built form should relate to the key streets and spaces and landscape features
- Shows appropriate design approaches to building setbacks, frontages and elevations



Building as a perimeter at key corners fronting streets/ park



Building entrance to break up monotonous fence line with 2m planting

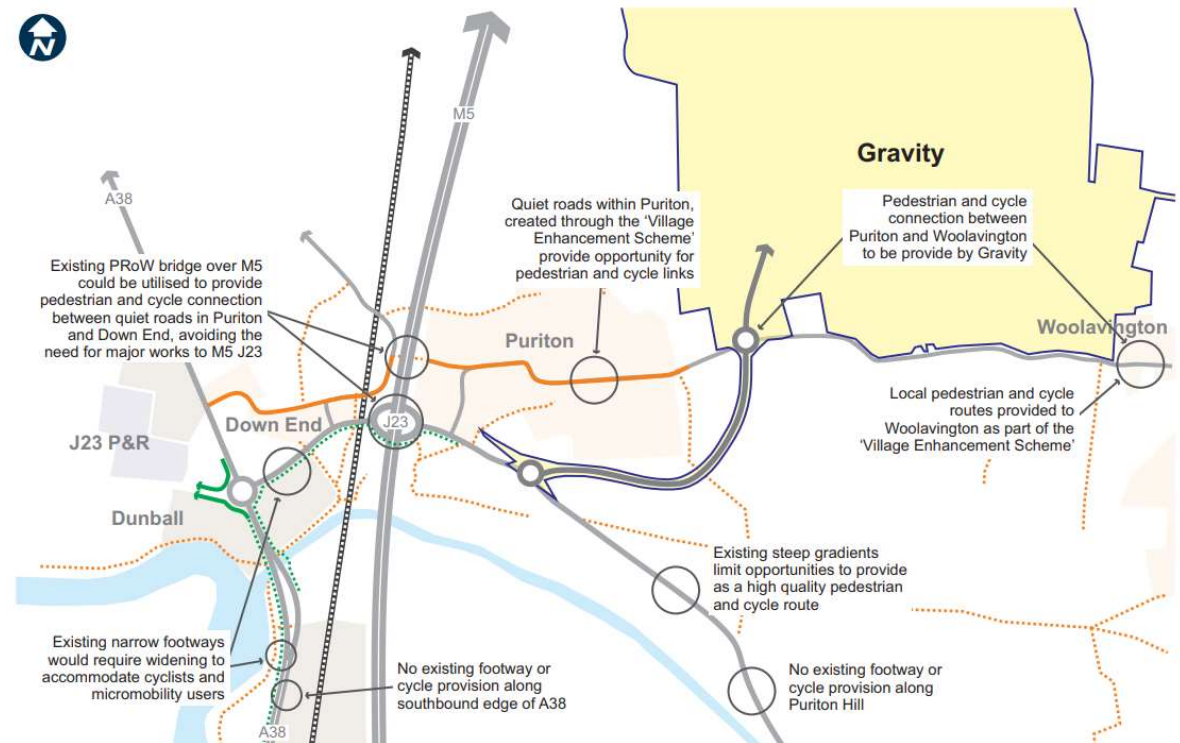


Suitable edges for office use

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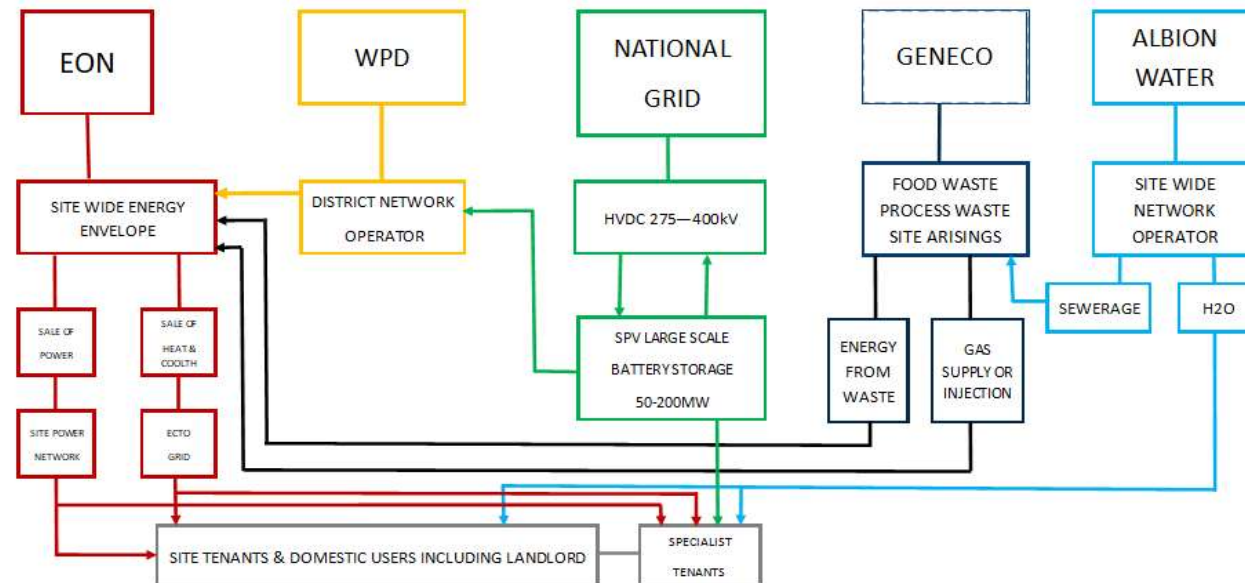
Transport Sub Group

- Transport Sub Group Meetings ongoing every 2 weeks
- Scenario testing tool development continuing and being shared with Group
- Modelling specific Sub Group Meeting held to discuss the above
- Public transport, walking and cycling strategy work in progress
- HGV trip generation research being undertaken



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Utilities and Infrastructure Sub Group Update



RESOURCE FLOWS OF LIKELY UTILITY INFRASTRUCTURE AT GRAVITY DRAFT 12/20

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Delivery Group Discussion and Exchange of Ideas

- Exchange of innovative thinking
- Collaborative and therefore effective visioning



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AOB and Next Steps

- Delivery Group Meeting Six – 20 April 2021
- Topics and other Sub-Groups