

NEGC - Innovation Work Stream Commencement meeting

S38(1)

30 October 2018 – 9.30 to 11.30

Attendance:

NEGC Team: S40(2) [redacted] - Chairperson, S40(2) [redacted] (Minutes)
 Essex CC: S40(2) [redacted]
 Gleeds: S40(2) [redacted]
 Watkins Gray Int'l: S40(2) [redacted]
 Essex University: S40(2) [redacted]
 Wessex Investors: S40(2) [redacted]

Apologies:

S40(2) [redacted] (Haven Gateway)
 S40(2) [redacted] (CBC – Amphora)
 S40(2) [redacted] (KTN)
 S40(2) [redacted] (RSA)
 S40(2) [redacted] (Homes England)

Notes & Actions

Item	Notes & Actions	Action Owner
1	<p>Introductions</p> <p>S40(2) [redacted] introduced everyone in the group. The group will be known in the future as the Innovation Steering Group (ISG), with outputs from the group produced by industry led ‘task and finish’ groups.</p>	
2	<p>Purpose of the Workstream</p> <p>It was agreed there will be 4 themed papers produced by the group, as its initial outputs, using industry led task and finish groups, covering the following topics.</p> <ul style="list-style-type: none"> • Health, Well-being and Leisure • Infrastructure • Housing Design • Economy and Business 	
3	<p>Workstream Terms of Reference</p> <p>Meetings will take place bi-monthly of the main steering group and alternate bi-monthly meetings of the delivery paper groups.</p>	

	<p>In addition there will be a quarterly breakfast mixer meeting chaired by S40(2).</p> <p>Resources from NECG – Action [3.1] S40(2) will act as secretariat to ISG and the task and finish groups.</p> <p>The task and finish groups to complete their initial tasks within a 6 month period.</p>	S40(2)
4	<p>Information Review</p> <p>It was discussed among the group, what experience each of the attendees could bring to the meeting.</p> <p>S40(2) (Chartered Surveyor) - has experience of Modular construction, works with Graystar. S40(2) has written papers on circular housing. S40(2) advised he will share some papers with the group. He has contacts for Modular construction.</p> <p>S40(2) (Architect) – has experience of working with Chinese MMC providers. S40(2) commented that the Chinese may play an important part in the process if NEGC are going to use a modular system.</p> <p>Action [4.1] – Produce a dictionary for the common language used in the group.</p> <p>S40(2) (Developer) – deals with Innovation – delivery of development, infrastructure and commerciality. Delivery of relationships with large finders. Involves collaboration with many stakeholders.</p> <p>S40(2) (ECC – Head of Economic Growth) – could help with experience of the health sector and delivery of economic growth</p> <p>S40(2) s. 40(2) – wide experience in knowledge transfer and business consultancy, particular knowledge of health innovation and local business research requirements</p>	
5	<p>Innovation 2018 video.</p> <p>The group watched a short video title ‘fact or hype’ on innovation https://www.facebook.com/plugins/video.php?href=https%3A%2F%2Fwww.facebook.com%2FGE%2Fvideos%2F1618554454879509%2F&width=1080 and a discussion took place afterwards on its significance to our work.</p>	
6	<p>Project Topics and project leads</p> <p>Health Well-Being and Leisure – Theme ‘application of virtual healthcare in community care’ - S40(2) to lead.</p>	

	<p>Infrastructure – Theme ‘designing infrastructure today for the future tomorrow’ – S40(2) [redacted] to lead, S40(2) [redacted] to assist with University British Telecom business contacts.</p> <p>Housing Design – Theme ‘application of the Internet of Things and other innovation in. Housing Design’ - S40(2) [redacted] to help with group establishment.</p> <p>Economy & Business – Theme – ‘innovation in employment growth for the garden Communities’ S40(2) [redacted] to lead.</p>	S4 0/2
7	<p>Meeting Schedule</p> <p>The next meeting was agreed to be in December. Action [7.1] Everyone to look into their proposed topic areas and finalise the subject and industry delivery partners.</p> <p>Action [7.1] S40(2) [redacted] to send a number of documents to the group including the 2016 Automation Report.</p>	All S4 0/2
8	<p>AOB</p> <p>Action [8.1] S40(2) [redacted] to see if he can arrange for someone from Samsung to get involved in the project.</p> <p>Action [8.2] S40(2) [redacted] to produce a list of the group and forward to the group.</p> <p>Action [8.3] S40(2) [redacted] to send out the expectations for the next meeting.</p> <p>Action [8.4] S40(2) [redacted] to make sure S40(2) [redacted] (Amphora) and S40(2) [redacted] (HE) are invited to the meetings.</p>	S4 0/2 S40 (2) S4 0/2 S40 (2)
9	<p>Next meeting</p> <p>Tuesday 11th December 9.30 to 11.30 Venue S38(1) [redacted] [redacted]</p>	

NEGC - Innovation Work Stream Commencement meeting

S38(1)

11 December 2018 – 9.30 to 11.30

Attendance:

NEGC Team: S40(2) [redacted], S40(2) [redacted] (Minutes)
Gleeds: S40(2) [redacted]
Watkins Grey Int'l: S40(2) [redacted]
Wessex Investors: S40(2) [redacted]
Homes England: S40(2) [redacted]
CBC Amphora: S40(2) [redacted]

Apologies:

S40(2) [redacted] (Haven Gateway)
S40(2) [redacted] (KTN)
S40(2) [redacted] (ECC)

Notes & Actions

Item	Notes & Actions	Action Owner
1	Apologies – noted as above	
2	Introductions	
3	GDPR Compliance In accordance with the GDPR the meeting members confirmed that they were content for a committee meeting contact list to be drafted and circulated to this and other NEGC workstreams, with their corporate details included. Members who had not attended the meeting, would be asked for their confirmation by email.	

4

Progress on Project Topic Themes

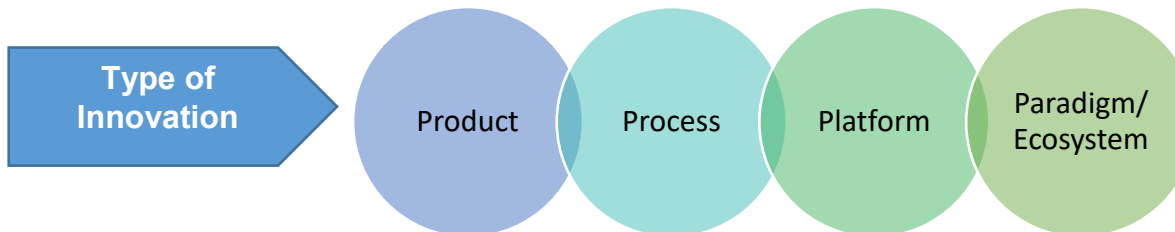
It was requested that the objectives were re-stated.

See below(extracted from the terms of reference and NEGC Steering Group Paper):-

The purpose of the Programme Board is to provide direction to NEGC in delivering its Strategic Objectives. It is anticipated that the four themed papers will be prepared by industry led task groups.

Project Groups that should be set up to progress this work:

Cross-Cutting Themes	Key Themes			
<i>Digital Technology</i>	Business Model, Finance & Procurement of Development	Health, Education, Wellbeing & Quality of Life	Entrepreneurship, Ways of Working and Employment	Community Governance and Stewardship of Assets
<i>Data Economy</i>				
<i>User Involvement in Development Process</i>				
<i>Inequality</i>				
<i>Interaction & Challenge</i>				
<i>Branding & Place Identity</i>				
<i>Branding & Place Identity</i>				



NEGC Innovation Priorities

The Key programme priorities for the next 3 years requiring innovations input are as follows:

Priority Area	Project Strand
Infrastructure, Utilities & Connectivity	<p>This includes innovations that would assist with the development of serviced plots of land and energy generation on a cost neutral / benefit basis; ensuring integrated and sustainable utilities delivery. A PESTLE and SWOT analysis may be a useful starting point here to address the future challenges of the North Essex region in particular (e.g. climate change).</p> <p>Additionally, this priority would cover innovations regarding modern methods of construction and integrated household devices for smarter living.</p> <p>Also, the strand should cover innovations in key service delivery/provision (i.e. transportation, health/social care, education, waste disposal etc.) and co-located service hubs, and exploring how people will live their lives in future (e.g. driverless cars, self-serve healthcare, increased levels of home working and the infrastructure this requires, technological advances and use of data monitoring etc.).</p>
Integrated & Sustainable Transport	<p>A step change is required in integrated and sustainable transport systems, providing high-quality infrastructure for active modes and innovative rapid transit that will connect all 3 sites (and across the wider North Essex corridor) as efficiently and cost effectively as possible, e.g. using smart technology. This project would be part of the HIF bid work and also needs to address behaviour change in order to meet the Local Plan targets for modal shift.</p>
Place Making & Economy	<p>Focusing on innovations applicable to spatial masterplanning as well as delivering sustainable design quality (landscape/open spaces, recreation and buildings) via the implementation of a Design Panel and Guide for the Garden Communities, as well as proactive and meaningful engagement with stakeholders in the development of these aspirations, ensuring that the communities meet the needs of their future residents. This priority includes how new environments are planned and created (built & natural) to help meet the needs of a future population to live sustainably and enjoy a good quality of life.</p> <p>There is a cross-over with the North Essex Economic Strategy here. The Garden Communities Charter includes a commitment of one job per household and this strand will look at how local and wider innovations in job creation and changing trends within the workplace (e.g. increased remote/homeworking, 4-day week proposals etc.) will contribute to the delivery of this aspiration and can be showcased as an exemplar model to other developments. The masterplanning of the communities will need to ensure that the space is flexible for businesses to grow/adapt to changing market conditions (including the changing face of the high street / consumer shopping habits) and the environment is conducive to innovation.</p>

Promoting Healthy Lifestyles	The garden communities aspire to be “green” places, both in nature and design. How can innovations assist with the development of communities that promote healthy lifestyles (e.g. encouraging exercise, engaging with nature, provision of “productive” spaces to increase healthy eating (orchards, allotments, greenhouses etc.), reducing car reliance, increased community cohesion to tackle loneliness, clear air strategies and climate change resilience, water sensitive urban design / maximising natural resource efficiency, access to cultural assets for recreation etc.)?
Stewardship, Participation & Governance	Innovations in locally-led stewardship approaches and community participation in the development of proposals and decision making, as well as consideration of how potential innovations could directly and indirectly affect the preferred stewardship approach. This priority also includes looking at how the communities will be funded and delivered from a governance perspective.
Research & Development	The Innovations Network will assist the programme in identifying key players in their specialist fields and developing knowledge of tangible and conceptual innovations being developed locally, nationally and internationally that the NEGC could benefit from. The Network will also be responsible for progressing framework agreements with partners (e.g. universities).

Initial Priorities

Taking the above into account it is proposed that the initial priority themes for the workstream be:

1. Stewardship (progressed by separate NEGC Group)
2. Business Model (progressed by Commercial & Delivery Group / Grant Thornton)
3. Rapid Transit (progressed by separate NEGC work stream)
4. Health & Well Being
5. Infrastructure
6. Housing Design
7. Economy & Business

1, 2 & 3 above are being progressed through ongoing NEGC activity and the role of the Innovation Programme Board will be to link across and support these but not to lead at present.

4,5,6 & 7 above will be the focus for the Innovation Programme Board to progress in the next 6-9 months. The initial output from this work will be a bespoke report for each theme outlining key issues and next steps for NEGC.

Infrastructure Task Group

- Industry partners – Gleeds, Ventura Next and UCML
- Theme – Defining a housing development digital backbone components and producing an appreciating asset for stewardship
- Programme - to complete by April 30 for initial definition of scope and an interim review (to confirm a direction of travel and further information to be ascertained, final programme etc.)


Housing Design (renamed '*Living Space*') Task Group

- Industry partners - Watkins Gray Architects, Bosch and DLS Strategic
- Theme – Optimising Housing Design for MMC and the Connected Home
- Programme - to complete by April 30 for initial definition of scope and an interim review (to confirm a direction of travel and further information to be ascertained, final programme etc.)

Health & Well Being Task Group – Not yet defined

Economy & Business Task Group – Not yet defined

After a long dialogue it was agreed that the next meeting would include a reflection session on the initial Health & Well Being and Economy & Business Task Group topics, together with an outline brief, programme and priority detail (post meeting note: see later briefing email).

Action [4.1] -  to prepare a timeline for the group to look at.

It was suggested the topic title Housing Design should be changed to Living Space.



5	<p>Formation of Industry Delivery Groups</p> <p>Included in para 4 above.</p> <p>In addition DH advised if NEGC wished to include an industry partner in the delivery of 4/5G telecommunications, and Vodafone have advised they would consider investing in this.</p> <p>Action [5.1] – S4 to contact Vodafone</p>	S4
6	<p>Other Group Activity</p> <p>S4 advised that NEGC were working with HE for land to be secured to carry out an exemplar site. A visit to Siemens in London regarding Smart Cities Technology is being arranged through Gleeds for NEGC and the date will be circulated to committee members, if they would like to attend.</p> <p>The group agreed the date for the next meeting to be 23 January and this will take place at S33(1). Teleconference facilities to be organised.</p> <p>S4 suggested for the NEGC Planning Officer (S40(2) or S40(2)) to give an overview presentation on the three sites.</p>	
7	<p>Upcoming Events</p> <p>S4 suggested a trip could be arranged to Milton Keynes to look at the Garden City developments and Transport Catapult Innovation Centre, which may include a driverless car presentation.</p> <p>S4 advised that Essex University has an automated flat demonstrating the connected home. Action [7.1] – S4 to speak to S40 to find out about organising a visit.</p>	S4
8	<p>Date/topic for the first breakfast event</p> <p>The breakfast meeting will be taking place in February/March next year.</p> <p>Action [8.1] – The group to put forward ideas/topics for the meeting.</p>	All

	<p>Action [8.2] – S4 (b) to look into seeing if a driverless car could be shown at the meeting.</p> <p>S4 (b) advised she knows of a care/innovation group that are looking at innovation in models. This could be looked at to see if this group could work with the NEGC Innovation group. It was agreed that Innovation in care needs to be looked at.</p> <p>S4 (b) has a contact at RBM – Watson & Healthcare and will see if he can arrange for someone to do a presentation at the meeting.</p> <p>Ebsfleet –Heathy New Town would be a good example to look at.</p> <p>S4 (b) advised about the University of Birmingham as she has a contact there who with EU funding, has advised on young people.</p> <p>Action [8.4] – S4 (b) to forward S4 (b) the contact details for S40(2) at Birmingham University.</p>	<p>S4 (b)</p> <p>S4 (b)</p>
<p>9</p>	<p>Meeting schedule</p> <p>S40 (2) has prepared a draft housing paper to be discussed at the next meeting.</p> <p>Action [9.2] – S40(2) to discuss draft paper before the January meeting.</p> <p>It was suggested the group could look at a Swedish example of a town called Hammarby Sjöstad, Stockholm, Sweden This is a good example to see constant innovation occurring. It may be possible to arrange someone to come over from Sweden to present.</p>	<p>S40(2)</p>
<p>10</p>	<p>AOB</p> <p>It was asked whether a portal will be available to store documents for the group. S4 (b) advised this should be available in January 2019.</p> <p>It was requested that a schedule of meetings for the year is produced for the next meeting.</p> <p>Action [10.1] – S40 (2) to arrange</p>	<p>S4 (b)</p> <p>S40 (2)</p>
<p>11</p>	<p>Next meeting</p> <p>Wednesday 23rd January 2019, 1 pm to 4.30 pm</p> <p>Venue: S38(1)</p>	

Agenda

09.00	Delegates Arrive	Refreshments on arrival	
09.25	Welcome / Context	S40(2), NEGC & S40(2), North East Essex CCG	
09.45	S40(2) "Next Generation Technology Project"	Service Development Manager, Cambridgeshire County Council	
10.00	S40(2) "Healthy New Towns – MiiCare Project"	Community & Health Project Manager, Healthy New Towns Programme at Ebbsfleet Garden City	
10.15	S40(2) "Planning for Accessibility"	Project Manager, Aspire	
10.30	S40(2) "Integration of Health & Wellbeing in Garden Communities"	Director – Healthy New Towns Programme, Ebbsfleet Garden City	
10.45	Panel Q&A Session		
11.00	Refreshment Break		
11.15	Health Innovation Demonstrations	BT Hothouse	
12.00	Lunch and Networking		
12.45	Afternoon Sessions Introduction	S40(2), NEGC	
13.00	Session 1: Identifying & Prioritising the Challenges		
	Group A – Short Term (next 5 years) NEGC Facilitator: S40(2) BT Support: S40(2)	Group B – Medium Term (5-10 yrs) NEGC Facilitator: S40(2) BT Support: S40(2)	Group C – Long Term (10+ yrs) NEGC Facilitator: S40(2) BT Support: S40(2)
14.15	Session 1 Feedback		

Agenda

14.45	Refreshment Break		
15.00	Session 2: The Art of the Possible		
	Group D – <i>Developing Best Practice</i> NEGC Facilitator: S40(2) BT Support: S40(2)	Group E – <i>Emerging Technologies</i> NEGC Facilitator: S40(2) BT Support: S40(2)	Group F – <i>Beyond the Horizon</i> NEGC Facilitator: S40(2) BT Support: S40(2)
16.15	Session 2 Feedback		
16.45	Event Outcomes / Next Steps	BT Hothouse & S40(2), CCG	
17.00	Event Close		