

# THE EDINBURGH PARTNERSHIP

# Edinburgh Infrastructure Investment Programme Board Update

#### **1.** Executive Summary

Over the next ten-years major investments are needed in Edinburgh's infrastructure if the city is to make a just transition to a net zero, climate resilient future.

An Edinburgh Green Infrastructure Investment Plan will help co-ordinate, enable, and accelerate public and private investment in the city, mapping out a pipeline of major investment projects, identifying wider place based opportunities, and developing a funding strategy to meet these needs.

The Edinburgh Infrastructure Investment Programme Board was established in February 2022 to undertake this task and will be supported in their delivery of Green Infrastructure Investment Plan for the city by the five thematic partnership boards, who all have appointed chairs, a programme of meetings and actions underway.

The development of an Edinburgh Green Infrastructure Investment Plan for the city will also be driven by the analysis and mapping of assets and opportunities from investment across the core partner organisations of the board. The IIPB, supported by Edinburgh Climate Change Institute, have undertaken an extensive analysis and mapping work using partner data across the city and to street level.

The IIPB agreed in June to commit funding for future phases of work to support the Board in developing a Green Investment Plan for the city. A draft proposal for the next phase of work will be considered at the next IIPB meeting in September 2022. This will include a single strategic data pack to support individual and collective investment planning for the city and an opportunity assessment for cross thematic infrastructure investment in at least one local area.

### 2. Recommendations

- 2.1 The Board is recommended to:
  - i. Note the progress of the IIPB activity to develop an Edinburgh Green Infrastructure Investment Plan to date
  - ii. Note that the City of Edinburgh Council will manage allocated resources and implement the decisions of the IIPB in the same way as it does for the

Edinburgh Partnership Board. This will be reported to the Edinburgh Partnership Board as part of the annual oversight of the 2030 Climate Strategy.



## 3. Main Report

#### Background

- 3.1 It was agreed in December 2021 that the Edinburgh Partnership Board will provide an oversight function for the City's 2030 Climate Strategy on behalf of the city, receiving annual reporting on progress from the Climate Strategy Investment Programme Board (now referred to as the Edinburgh Infrastructure Investment Programme Board).
- 3.2 Edinburgh's Infrastructure and Investment Programme Board (IIPB) was established as part of the 2030 Climate Strategy alongside 5 thematic partnerships.
- 3.3 The board's role is to bring city partners together to:
  - 3.3.1 Provide city wide leadership in creating a green, clean and sustainable future for the city
  - 3.3.2 Oversee, agree and drive delivery of five thematic workstreams (Adaptation; Energy Efficient Public Buildings; Heat and Energy; Transport Infrastructure and Just Economic Transition) which lead on developing a pipeline of green infrastructure projects for the city
  - 3.3.3 Develop a green infrastructure investment plan for the city making the transition for deliverable and affordable

## Membership and remit progress

- 3.4 To date the IIPB have held three meetings in February 2022, including two away days held in June 2022 on the 6th and 24th June.
- 3.5 For the first meeting the board members considered and agreed terms of reference for the board as noted below:
- 3.6 The Infrastructure Investment Programme Board will provide city wide leadership and co-ordination of the strategic and operational infrastructure investment activities required to support a just transition to a net zero, climate resilient City. The responsibilities of the board include to:
  - 3.6.1 provide city wide leadership in creating a green, clean and sustainable future for Edinburgh laid out in the 2030 Climate Strategy
  - 3.6.2 champion the work of the Board to support its impact in maximising benefits for the city and its people
  - 3.6.3 oversee and provide a point of escalation for the five thematic partnerships within its governance; and
  - 3.6.4 provide a space for collective decision making to ensure that investment needs and delivery opportunities identified in the thematic partnerships are aligned;



- 3.6.5 ensure economies of scale and opportunities of scale and place-making are being achieved;
- 3.6.6 build on the work of the thematic partnerships to develop a Green Infrastructure Investment Plan for Edinburgh; and
- 3.6.7 report annually to the Edinburgh Partnership Board who provide oversight for the overall Edinburgh 2030 Climate Strategy
- 3.7 The governance structure of the IIPB, the five thematic partnerships and appointed Chairs and their respective remits are shown in Appendix 1.

## Developing a Green Infrastructure Investment plan

- 3.8 An outline overview on delivering a Green Infrastructure Investment Plan for the Edinburgh was prepared for the IIPB in February 2022. The Board agreed to explore the further development of a Green Infrastructure Investment Plan at its next meetings in June 2022 addressing first Heat and Energy and Public Building Efficiency then considering Adaptation and Transport infrastructure in a second meeting in June.
- 3.9 During these meetings the Board undertook extensive combined citywide data analysis by theme. Citywide data analysis and mapping of heat and energy demand and supply, buildings and land ownership was interrogated to a place level across and within the city boundary. This analysis was used to identify local areas where major collaborative infrastructure investment was planned and would yield the greatest opportunity and support the scale of transition required by net zero.
- 3.10 The Edinburgh Climate Change Institute, supported by access to data from core partners delivered initial analysis for the IIPB during the two away days meeting in June 2022.
- 3.11 To further advance this work organisational budgets from each of the core six partners are now being combined to deliver a programme of new work. The core outputs from this programme of work will be:
  - 3.11.1 Multi-Layered GIS Dataset: a data asset with multiple overlays which can be manipulated to provide shared insights and intelligence on the city and partners assets, infrastructure and investments.
  - 3.11.2 Data Visualisations and Presentations: preparing and presenting spatial data to support the IIPB and its partners with planning and decision making.
  - 3.11.3 Geographic Opportunity Assessment Framework: a framework for opportunity assessment to identify priority areas of the city for future projects based on future needs and current assets.



- 3.11.4 Priority Investment Areas: a short list of priority opportunities for collaborative investment, derived from the application of the framework across the city.
- 3.12 This future work, supported by the pipeline development activity of the thematic partnerships will be further progressed into a Green Infrastructure Investment Prospectus and a Green Infrastructure Investment Plan for Edinburgh.

#### 4. Contact

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# Appendix 1 – Governance Map of the IIPB

Edinburgh Partnership Board				
	Climate Strategy infrastructure Investment Programme Board			
	Chair: City of Edinburgh Council (Paul Laurence): City of Edinburgh Council (Gareth Barwell). Secretariat: City of Edinburgh Council			
	Scope: Align and Agree a Green Inve			
City Heat and Energy Partnership	Energy Efficient Public Buildings Partnership	Just Economic Transition Forum	Transport Infrastructure Partnership	Adaptation Partnership
Chair: SP Energy Networks (Stuart Walker; Vice-Chair: CEC David Cooper).	Chair: Edinburgh University (Grant Ferguson)	Chair: Edinburgh Chamber of Commerce (Liz McAreavey)	Chair: City of Edinburgh Council (Daisy Narayanan).	Chair: Scottish Water (Gordon Reid)
Secretariat: SP Energy Networks	Secretariat: Edinburgh University	Secretariat: Edinburgh Chamber of Commerce	Secretariat: City of Edinburgh Council	Secretariat: City of Edinburgh Council
Role and Remit     To develop a whole-system strategic approach to meeting the city's current and future energy needs, in ways which reduce the city's emissions from energy to net zero by 2030.     To support place-based approaches to local energy generation which help build community wealth; delivering a city heat energy map.     To test, develop and scale innovative approaches to funding which help unlock private sector investment; and support inclusive growth, workforce development and employment opportunities for the just transition to a low carbon economy.     To deliver a Heat and Energy Masterplan (including an EV demand and heat map for city); an Edinburgh Villages masterplans.     To develop an Energy project pipeline of projects and mapping that shows current and planned investments.     To oduct an options appraisal assessment on new delivery models.	Role and Remit   To develop a map of large public building retrofit needs and plans and collaborate on aligning investment and developing new financial models for resourcing building and estate transformation.   To share learning from feasibility studies and plate retrofit projects, to inform model development and cost analysis for both joint retrofit projects and individual city partner plans.   To complete an analysis of large building retrofit and sacts the city. This will include an assessment of opportunities for place-based and aptraiton of estate grounds.   To develop a joint city public estate retrofit plan and project pipeline that shows current and planned investments.	Role and Remit   To coordinate city private sector leadership on net zero and support for or a just transition including fair work.   To share knowledge and expertise on net zero and just transition activity across the private and third sector including; the climate compact; business for good; circular economy   To promote private and third sector contribution to net zero and just transition activity in Edimate compact; business for good; circular economy   To promote private and third sector contribution to net zero and just transition activity in Edimotry   To collaborate with the other themed patterships on heat and energy generation, buding retrofit, transport investment and adaptation   To develop a map of private sector supply chain opportunities and skills needs.	Role and Remit To provide city wide collective leadership on delivery of the city mobility plan and support the outcomes of the city plan 2030. To develop shared outcomes for and collaborate or an integrated multimodal transport network plans for the city. To share knowledge, innovation, data and coordinate organisational investment plans as far as possible. To develop a pipeline of investment for public transport decarbonisation, including active travel improvements; business fleet and freight routes; and EV infrastructure.	Role and Remit   To provide city wide leadership in adapting Edinburgh to the impacts of unavoidable climate change.   To collaborate with wider city partnerships and City Region Deal partners to develop regional approaches.   To develop a costed climate change risk assessment for the city, identifying current and future risks to the city's built and natural environment.   To develop a new city adaptation plan to addrest current and future risks from climate change an create a climate resilient Edinburgh.   To develop a pipeline of adaptation investment proposals, supported by business cases for mitigating future costs by preventing climate impact damage.