



TURNING RISK INTO OPPORTUNITY: DECARBONISING STRANDED ASSETS AT A NEIGHBOURHOOD SCALE



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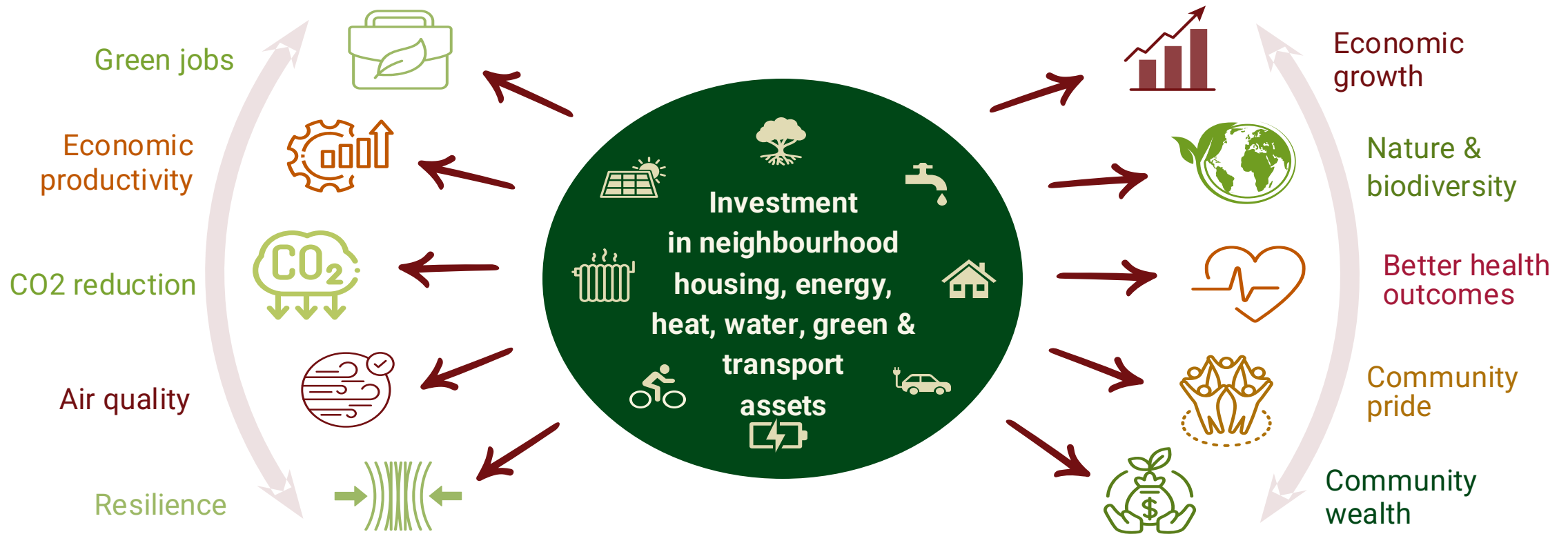


Active across the value
chain: investors, developers,
architects, city planners, etc

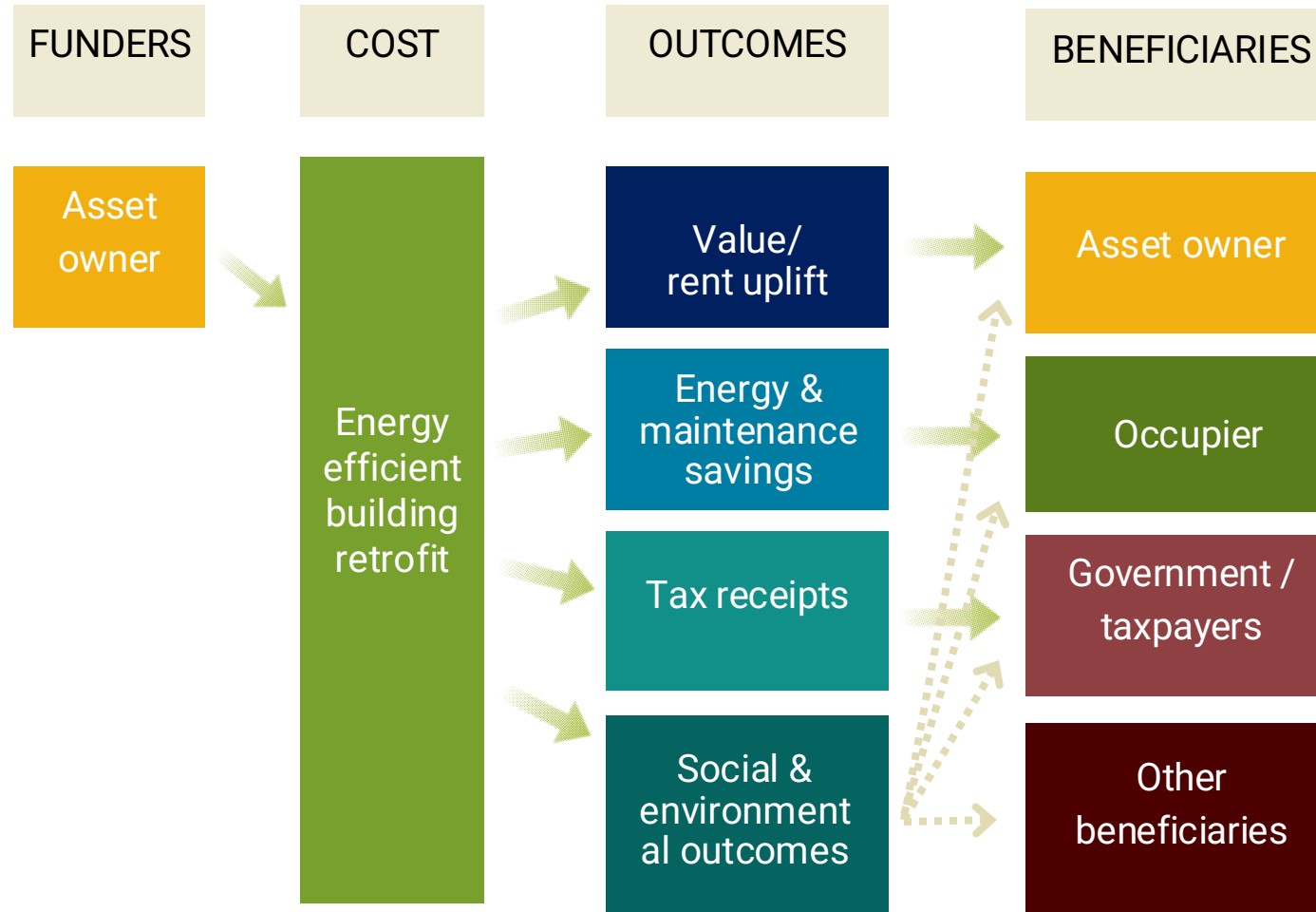


Thought leadership
& education

Place-based Transformation: Decarbonisation as a catalyst for sustainable urban (re)development



For asset owners, the economic case for decarbonisation is often challenging



Introduce a wider perspective

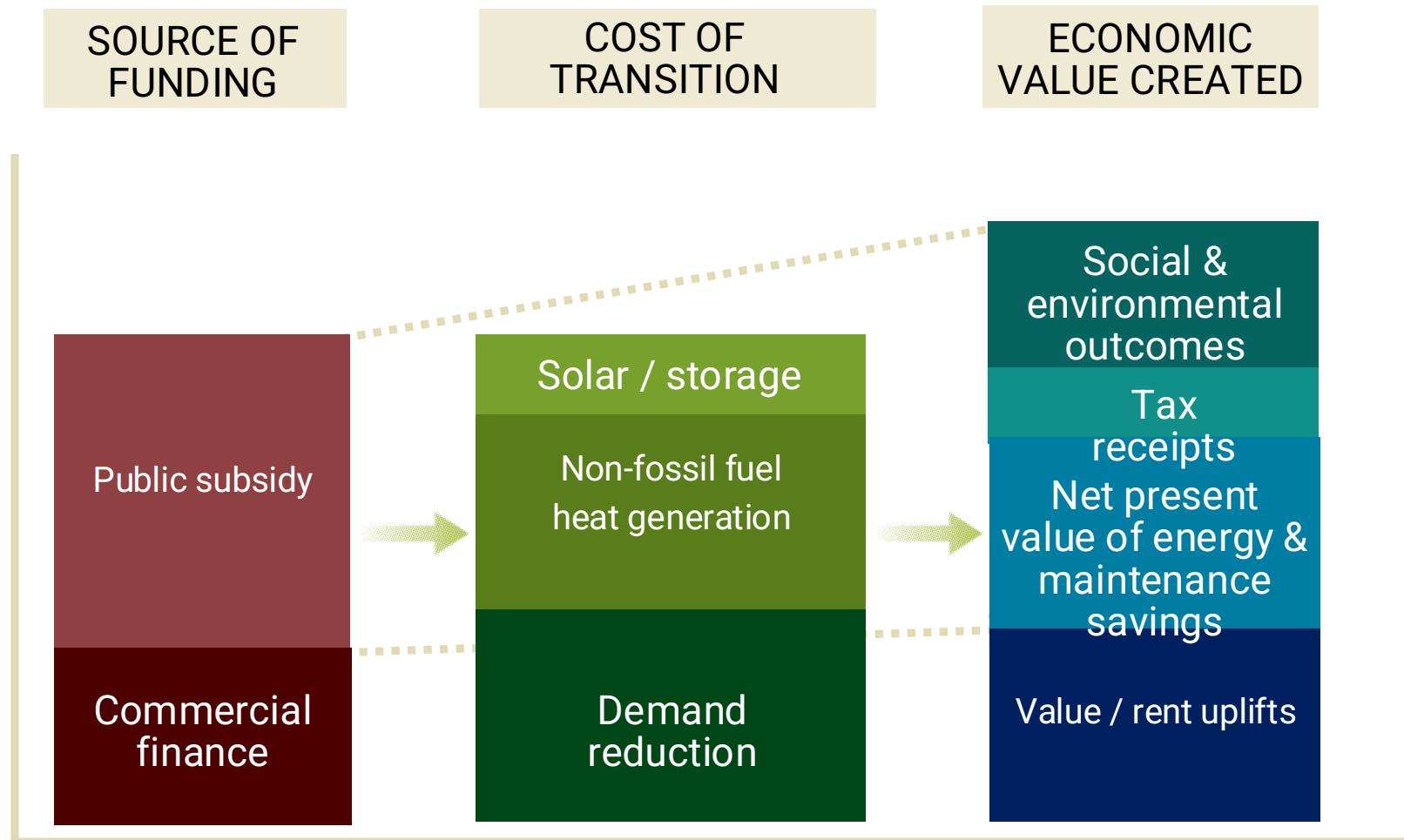
Cost vs
investment

Who
benefits

Who pays

Who leads

Business Case: "Mindset Shift" from cost to investment



2 Case studies

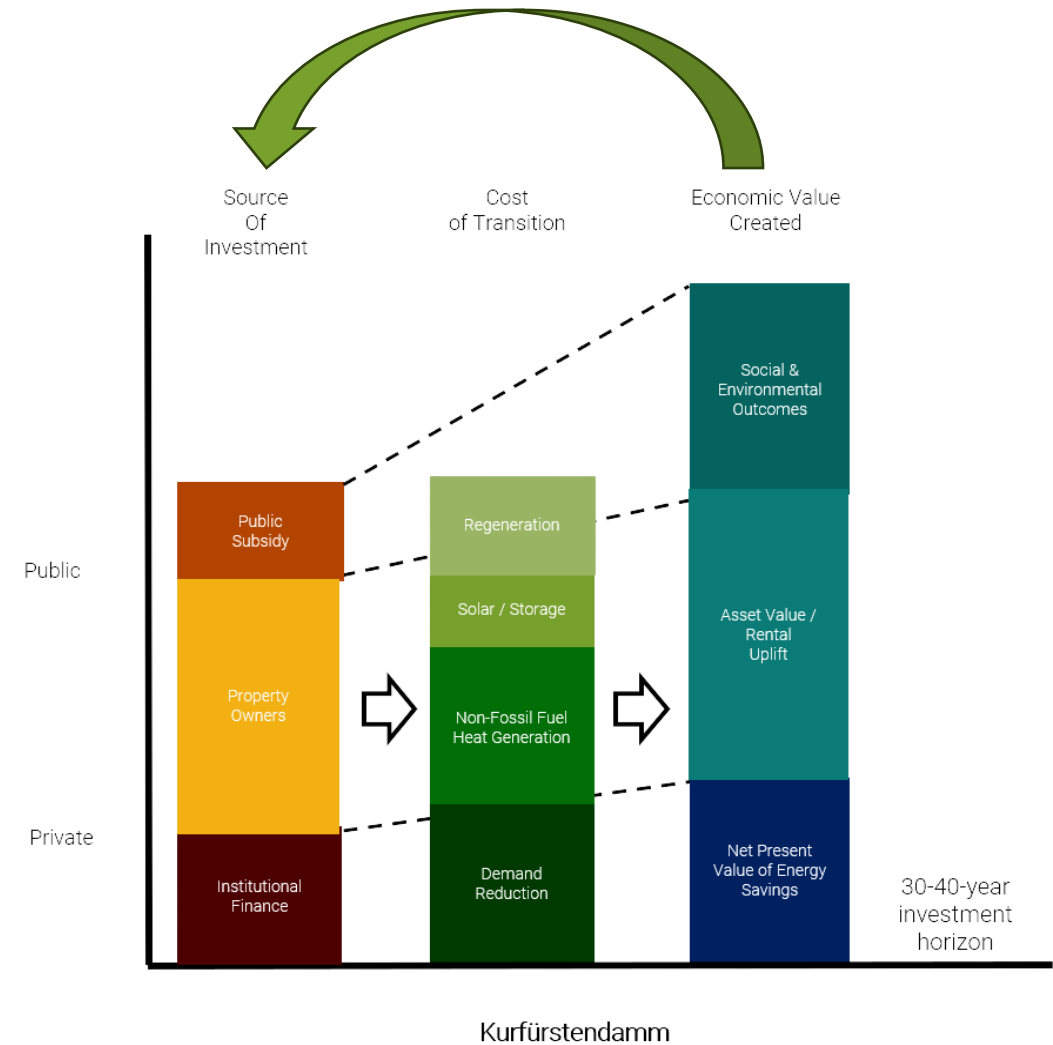
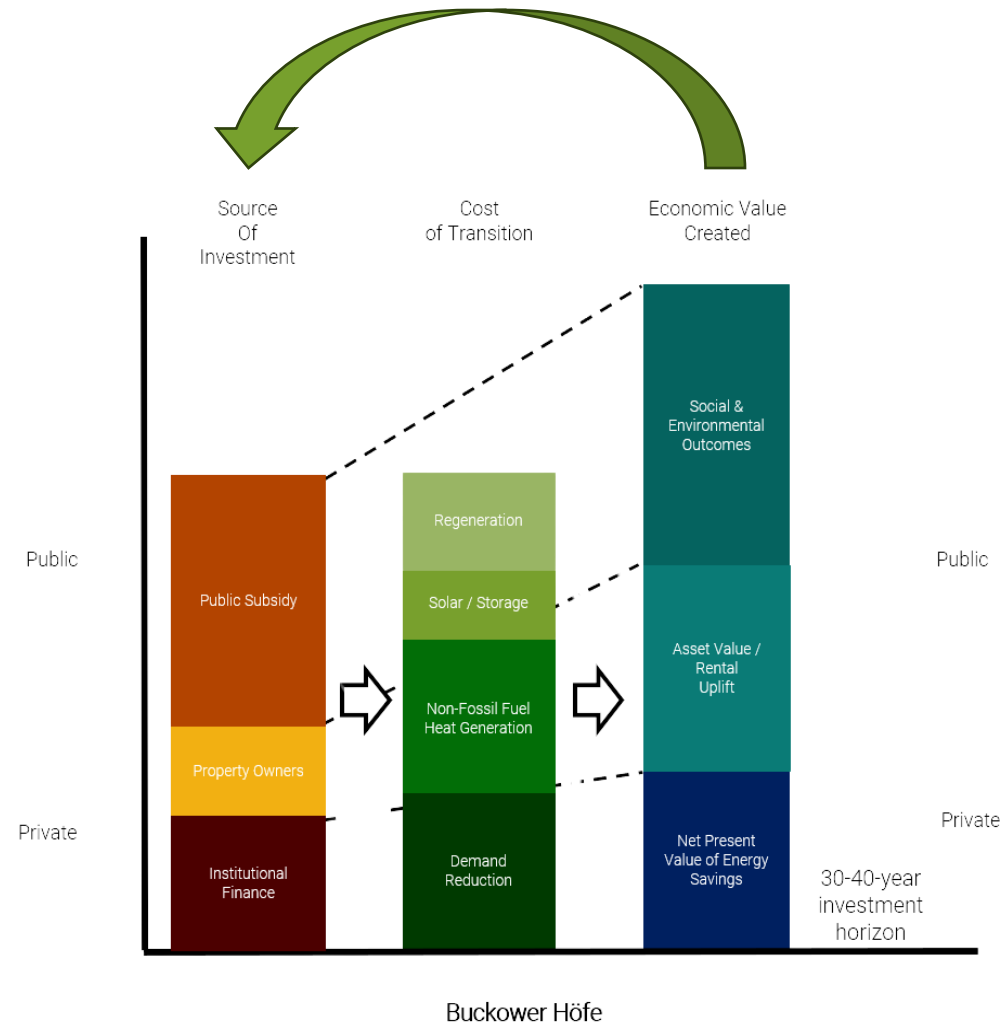


Buckower Höfe, South Neukölln
GEWOBAG Housing Association



Kurfürstendamm, West Berlin

Investment mix and roles depend on benefits mix



Neighbourhood Governance as a Foundation for Decarbonisation

- Decarbonisation at scale requires strong local governance
- Aligning city vision, planning tools, and delivery mechanisms
- Collaborations across public, private, and community sectors
- Strong governance builds trust, legitimacy, and investor confidence



Stakeholder Engagement – From Co-Creation to Collective Ownership

- Engagement must begin early and be ongoing
- Success hinges on including all actors: residents, housing bodies, planners, utilities
- Methods: digital platforms, open forums, storytelling, community events
- Engagement strengthens resilience and project durability



NICE – The Neighbourhood Innovation Centre for the Environment

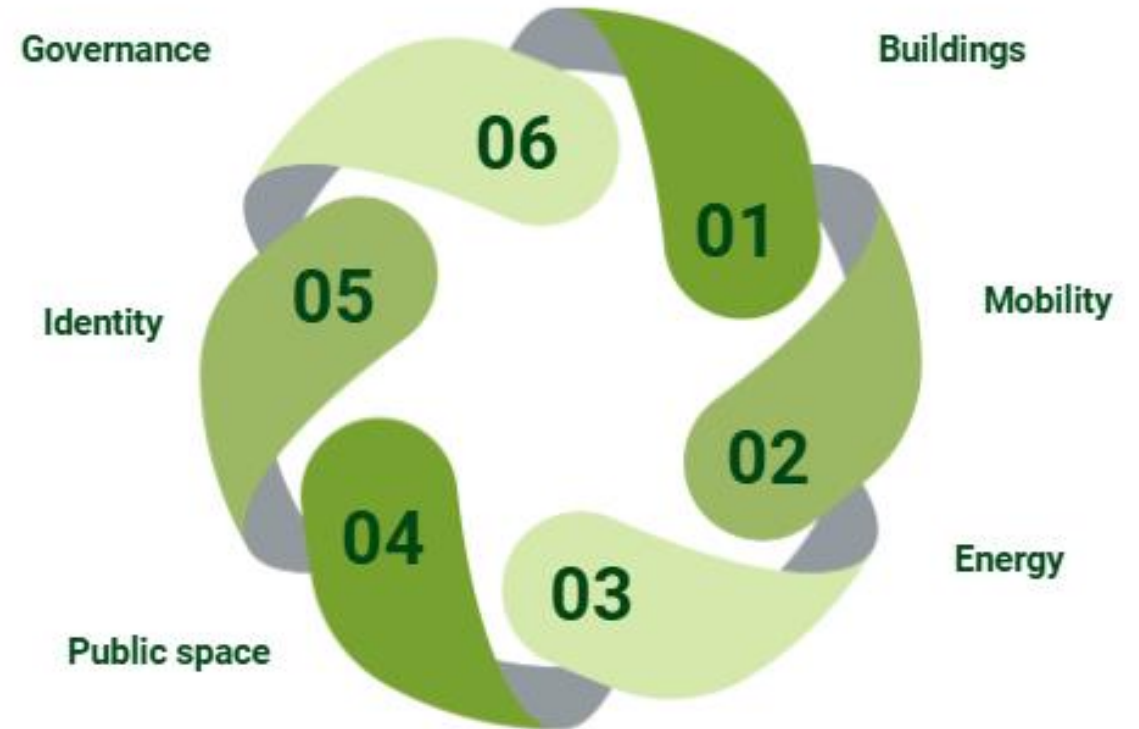
- A platform for coordinating stakeholders around local climate and regeneration plans
- Roles: strategic planning, capital layering, monitoring, engagement
- Participants: city, landlords, tenants, utilities, transport, investors
- Supports long-term implementation, transparency, and de-risked investment



Integrated Urban Regeneration – Aligning Decarbonisation and Value Creation

Integrated design as a lever for value creation and transition

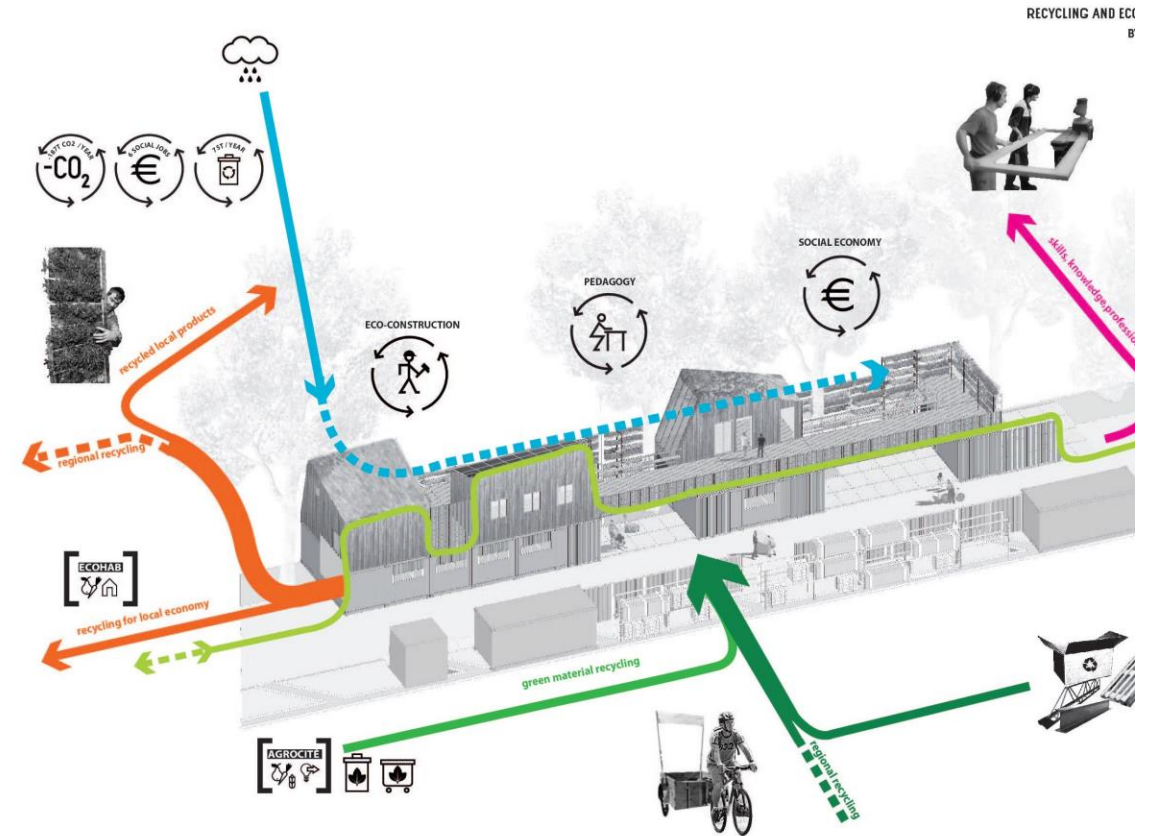
- Placemaking is not just visual — it is a system-level strategy that aligns energy, mobility, and land use.
- Aesthetic and spatial quality influence investor confidence, community engagement, and economic uplift.
- Decarbonisation becomes more feasible when embedded in a broader narrative of district renewal.



Integrated District Strategies – Scaling Impact Across Neighbourhoods

Coordinated urban transformation supports scale, affordability, and liveability

- Coordinating retrofit, mobility, and public realm investments leads to economies of scale.
- District-level approaches reduce cost and delivery risk.
- Enhances uptake: residents and investors are more likely to engage when the benefits are visible, place-based, and interconnected.
- Public-private co-investment.



Decarbonisation as a Driver of Social Value

Climate action must also be a social investment

- Social / affordable housing is often at the frontline of climate and affordability risk.
- Retrofit and regeneration should deliver better places to live, not just better energy performance.
- Key benefits: health outcomes, comfort, community resilience, employment opportunities.
- Co-benefits must be designed in from the start — not treated as byproducts.



Scalable Solutions: From One-Off Retrofits to Repeatable Systems

Every design decision has a carbon consequence

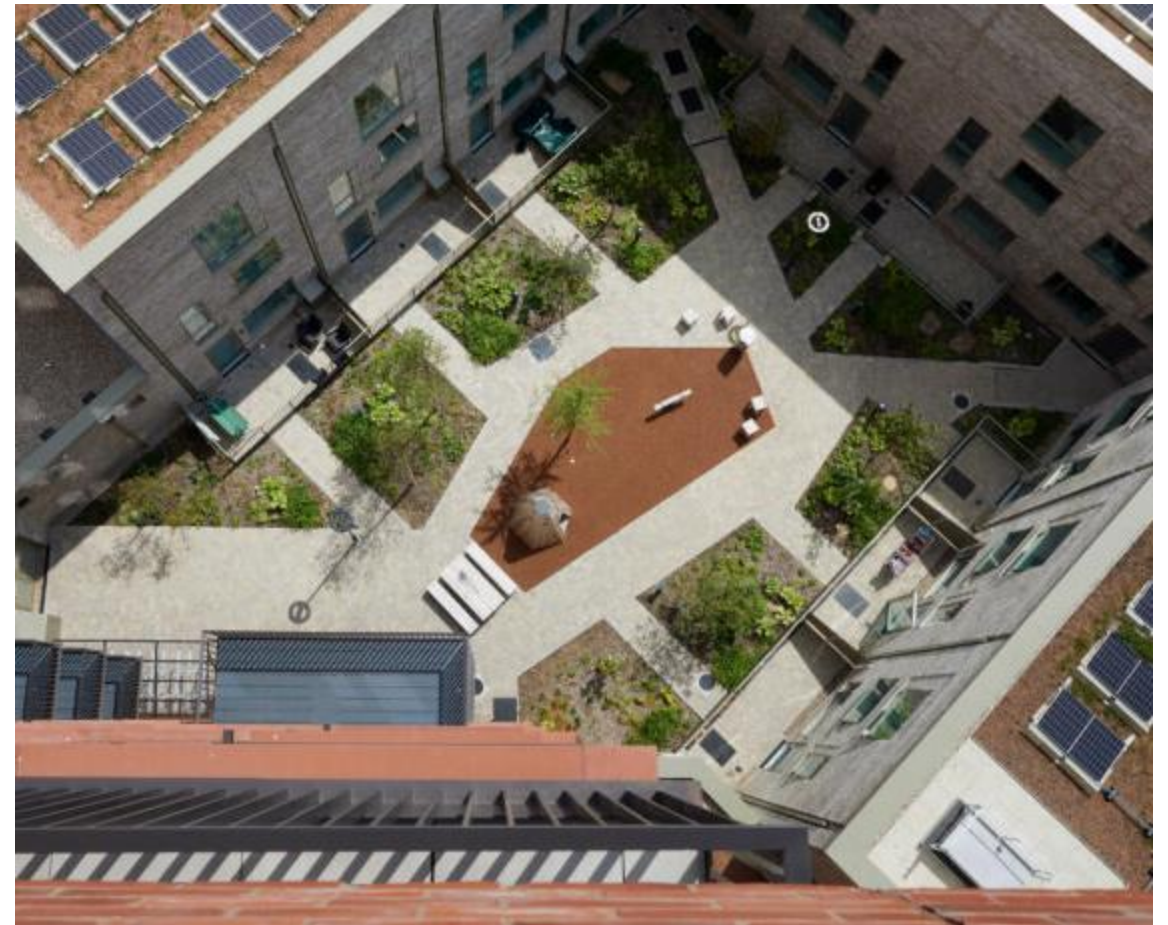
- Fragmented, one-off retrofit projects are costly and hard to scale.
- A systematised, design-led approach using component-based retrofits improves speed, cost certainty, and consistency.
- Architectural quality doesn't need to be sacrificed in the name of speed — design systems can still reflect local character and community needs.
- This is particularly important in large-scale housing estates, where equity, comfort, and identity matter.



Camberley town centre, UK

Case Study: Gascoigne East & West, Barking and Dagenham

A neighbourhood-scale approach to low-carbon housing and climate resilience



Turning Risk into Opportunity: Decarbonising Stranded Assets at a Neighbourhood Scale Panel:



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