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Smart Housing Sustainable Homes Matrix

By David Smith,
Head of Business Partnerships, SEC
Board Member, UKBCSD



SEC, who we are, our aim

- 🌊 Not For Profit,
- 🌊 Central Purchasing Body
- 🌊 Owned by 49 LAHAs
- 🌊 Providing; Procurement Frameworks, Technical Support, Training, Insights & Research, Events
- 🌊 Driven to support and influence the sector



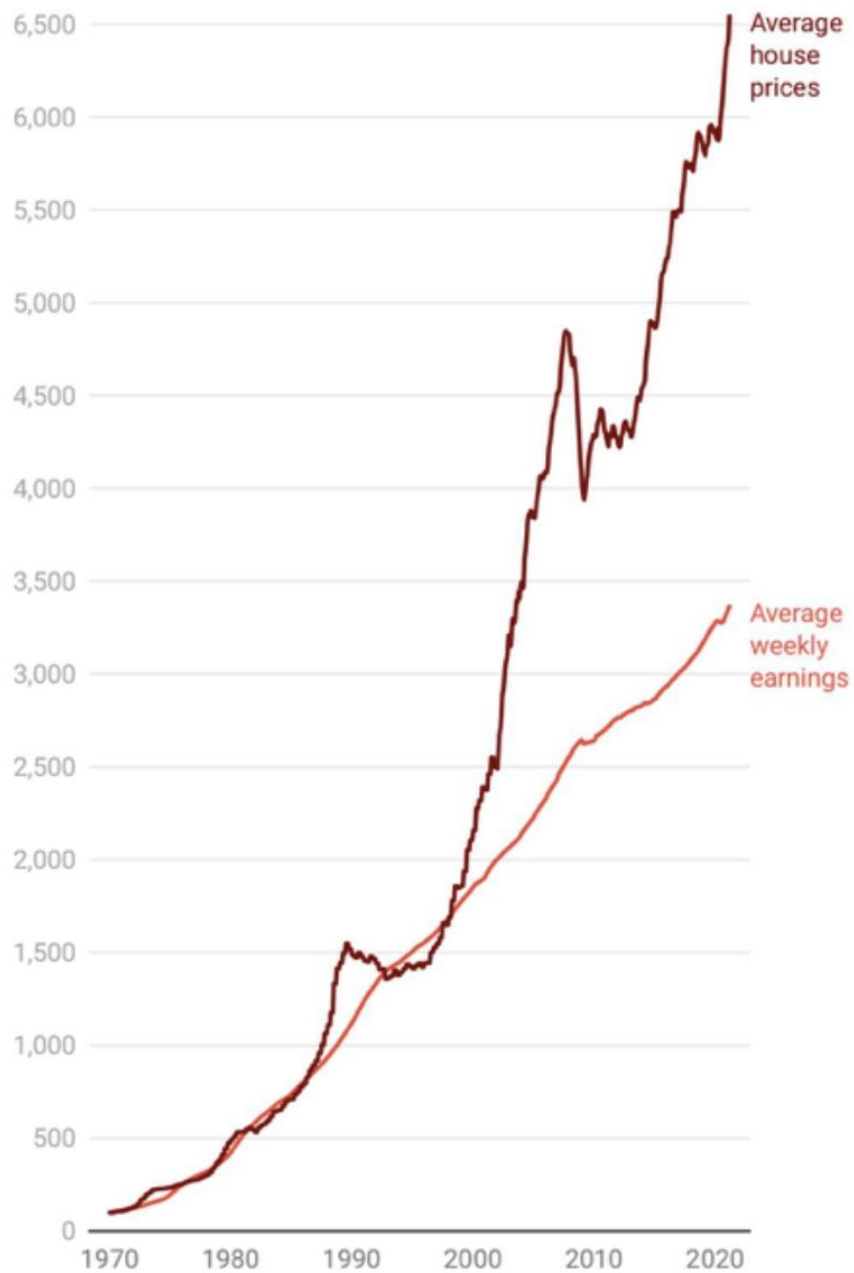
Smart Housing

?



Affordable Housing

?



Since 2000, house price growth has significantly outpaced wage growth

UK average house prices and weekly earnings (12-month rolling average), indexed to Jan 1970

Sustainable Housing

?



But Everyone is on the Case?



- 🌀 There is a lot of good work
- 🌀 But much is singular focused...Or overly technical and specific
- 🌀 How can we define “best practice”
- 🌀 The Smart thing is to start doing better
- 🌀 We need more strategic direction to make this investable and scalable

Cost of Retrofitting the Housing Sector

£100b >

£190b?

Estimated cost to deliver Net Zero /Decarbonise Affordable Homes (New Build & Retrofit) 2021



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Net Zero Definitions 2021

27 >

70 >



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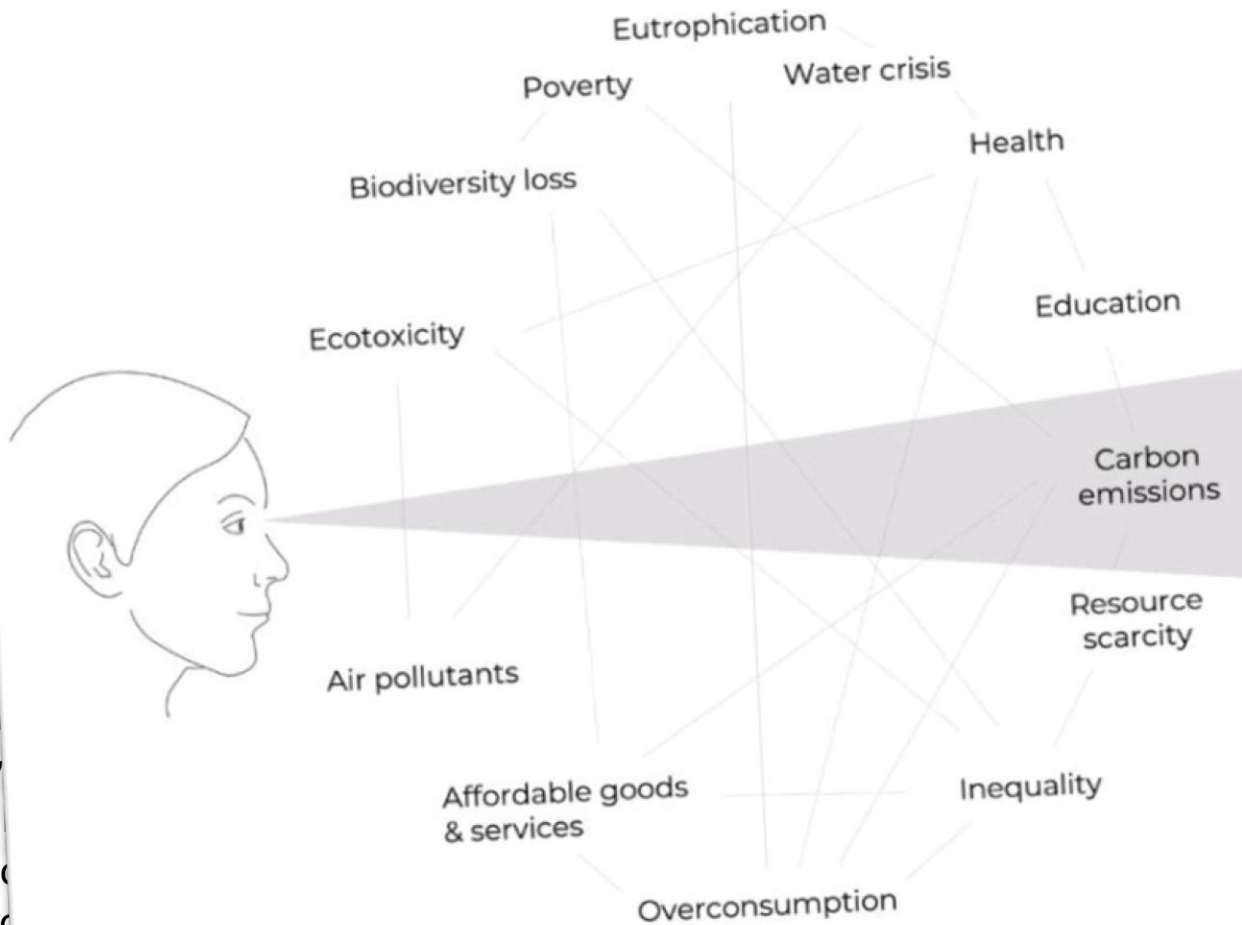
There are a

Net zero me
atmosphere

Net
gree
atmo

At global level, ne
greenhouse gases
balanced by anthr
the atmosphere as
period (IPCC, SR15
**Although there is
level to date**, EcoA
approaches (SBTi)
zero means (1) hav
trajectory and hav
having extracted fr
the residual emissio
through direct remo
carbon credits from
atmosphere). **EcoAc**

Carbon Tunnel Vision



Graphic by Jan Konietzko

Sustainability transition

ful gases produced by a
region or country have no
ate because they have been
hat protect the environment -

a net-zero emissions
means offering customers
carbon products, from
electricity, to charging for
hicles and hydrogen -

te in which the
g into the
ed by removal
- **Net Zero**

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Smart Sustainable Homes

People First, Fabric First, Transitional.

Defining Sustainable Homes Draft Policy for New Build & Retrofit.

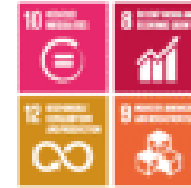
A sustainable home is one that is constructed, retrofitted or renovated/extended with quality, high-performing, efficient measures which enables a sustainable lifestyle. This includes sustainable power, heat retention and recovery, ventilation, water efficiency, accessibility, space standards and storage, which enable sustainable living.

A sustainable home meets all of a modern families' current and emerging needs and facilitates a wider sustainable lifestyle. A sustainable lifestyle seeks to embed the UN's Sustainable Development Goals (SDGs) into all facets of life. Achieving this is possible through well-informed, responsible consumption, offsetting options and further actions which deliver outcomes to protect the environment.



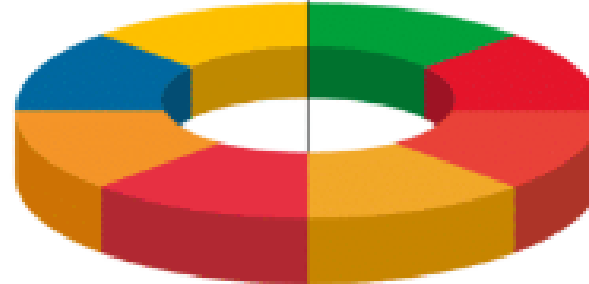
ECONOMY

Building on the biosphere and society, the economic goals direct attention towards industry, innovation and infrastructure; reduced inequalities; responsible consumption and production; and decent work and economic growth that is decoupled from environmental degradation.



SOCIETY

The goals addressing societal issues, call for the eradication of poverty, and the improvement of social justice, peace and good health. Social development depends upon a protected biosphere. In addition, the goals on clean energy, no poverty, zero hunger, peace and justice, sustainable cities, education, gender equality and good health are the foundation for the goals related to the economy.



BIOSPHERE

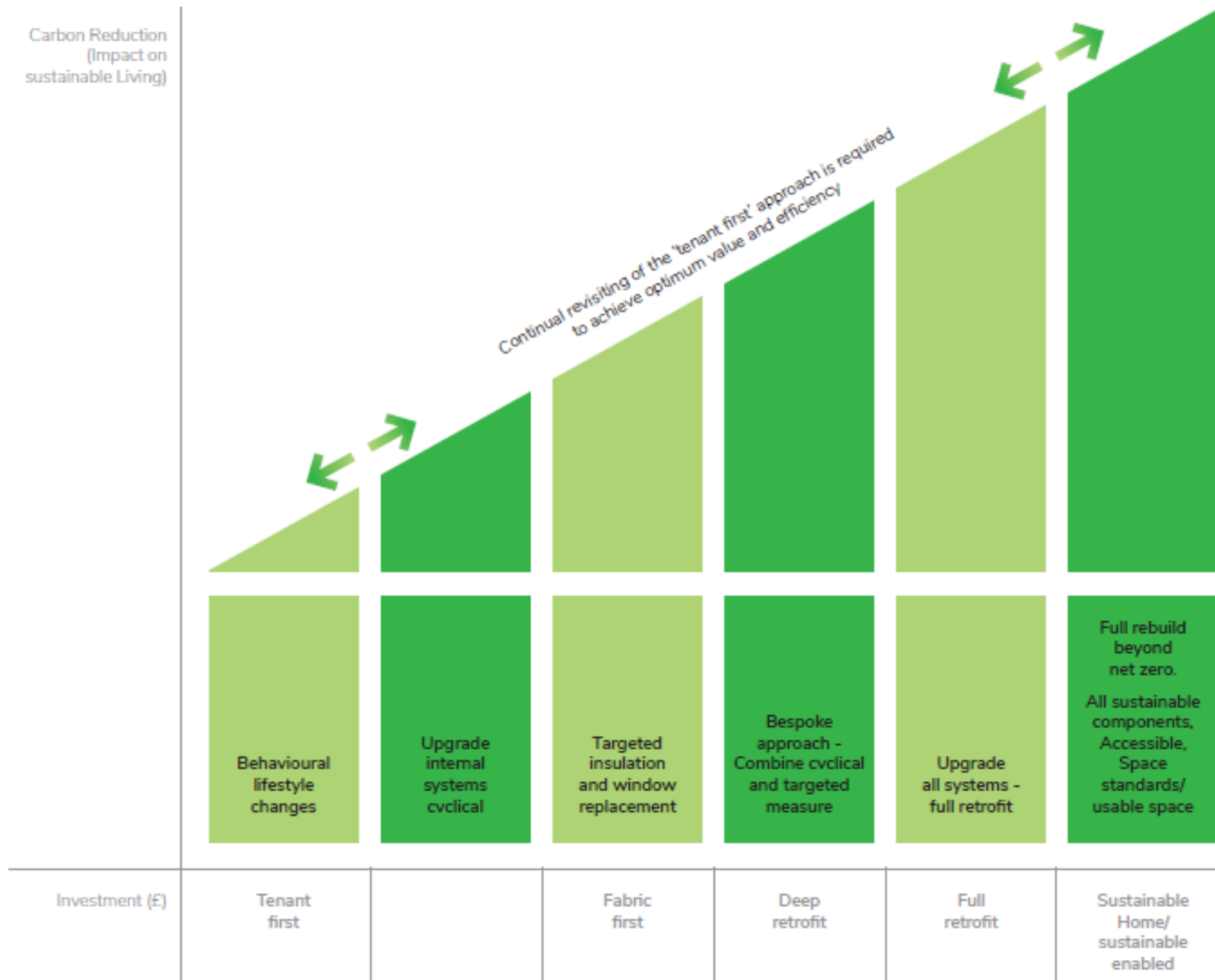
Protecting the biosphere is an essential precondition for social justice and economic development. If we do not achieve the goals related to clean water and sanitation, life below water, life on land, and climate action, the world will fail to achieve the remaining goals.



Enable change

- Pre Op
- Surgery
 - Sustainable Homes Smart Maintenance
- Post Op
- Ongoing health check

Carbon Reduction
(Impact on sustainable Living)



SECs Role



“If working apart, we are a force powerful enough to destabilise our planet. Surely together we are powerful enough to save it”



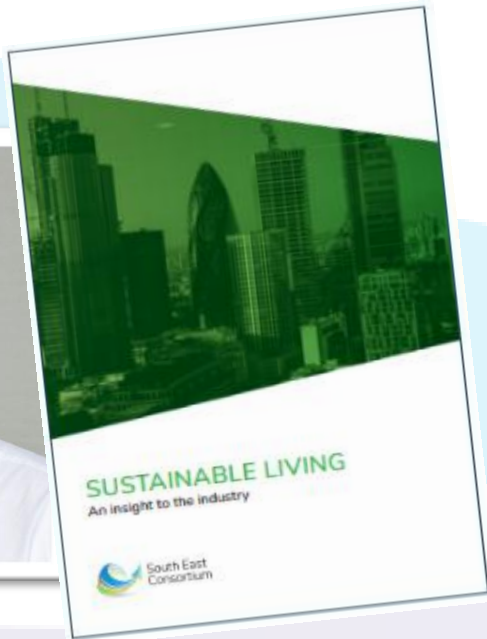
#TogetherWeCanDoMore



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Get in touch to be Part of.. “One Sustainable Public Estate”



David Smith, Head of Business Partnerships
david.smith@southeastconsortium.org.uk

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