

G

GLASGOW

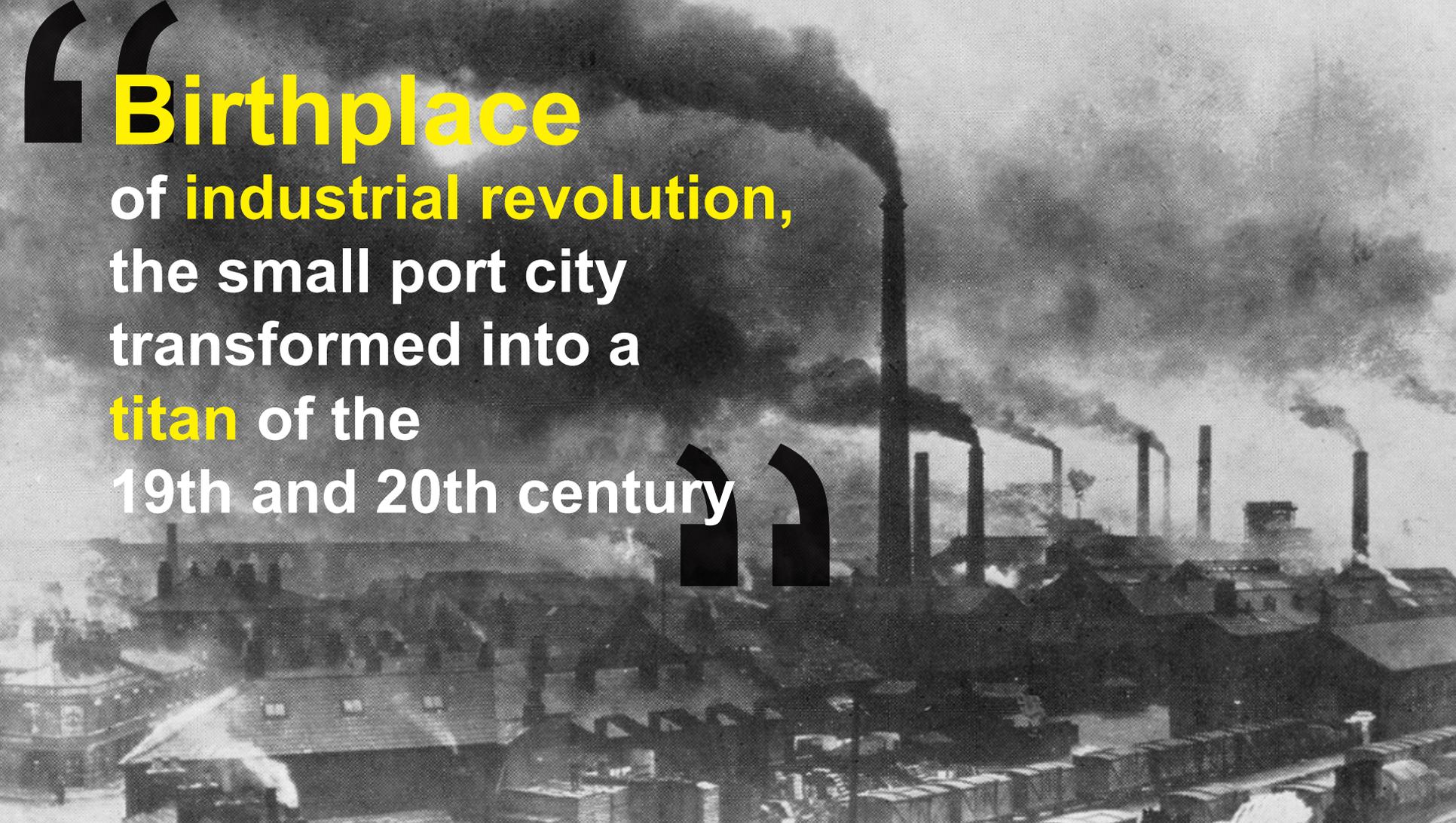
LE CITTÀ  
E CRISI CLIMATICA

Dr. Paola Pasino  
paola.pasino@glasgow.gov.uk





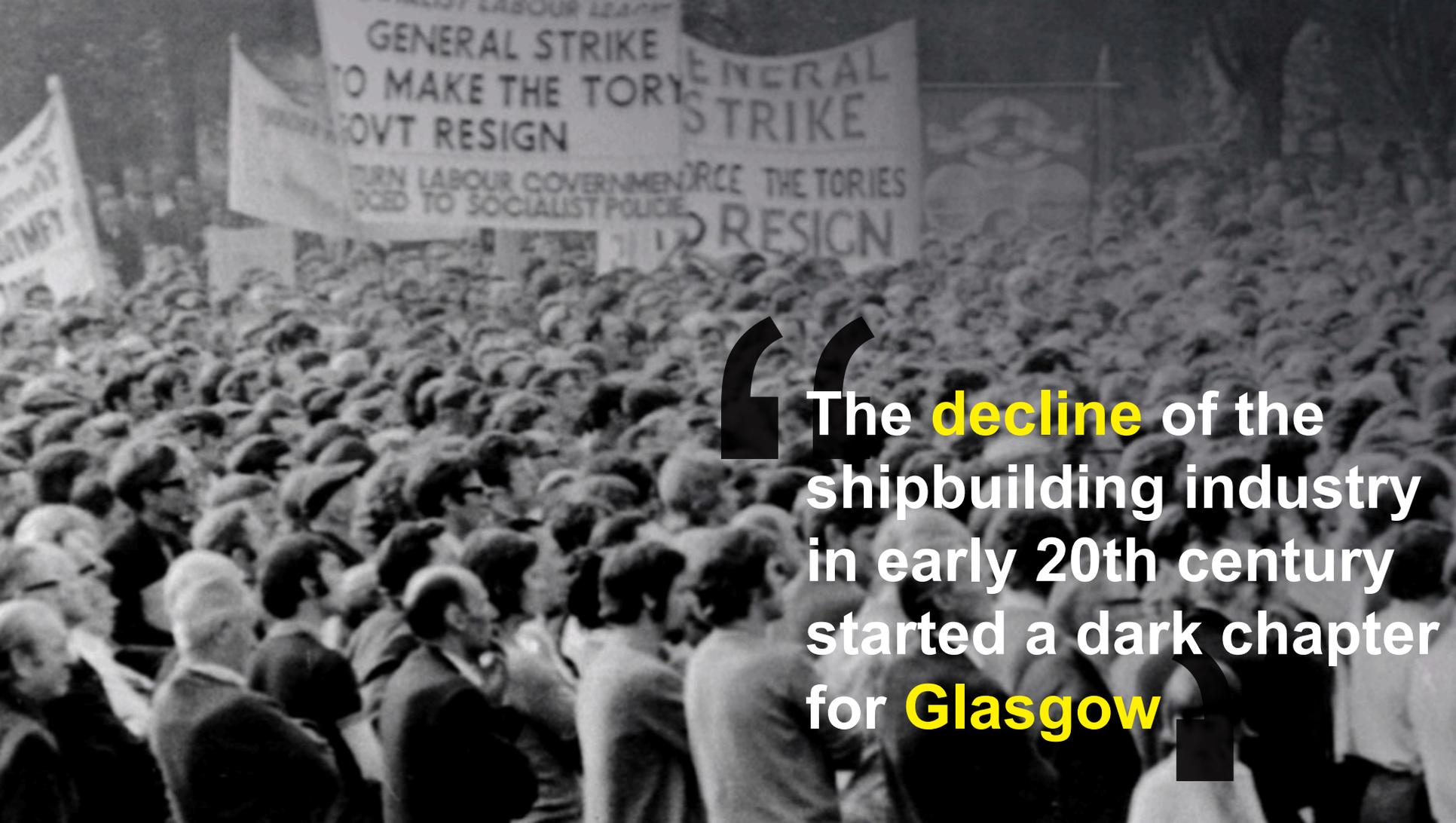
**Glasgow**  
is literally the  
**'Dear Green Place'**  
the literal translation  
of its name from the **Gaelic**



“ **Birthplace**  
of **industrial revolution**,  
the small port city  
transformed into a  
**titan** of the  
19th and 20th century ”



“Glasgow  
built the ships  
that enable the **empire**”



“ The **decline** of the shipbuilding industry in early 20th century started a dark chapter for **Glasgow** ”

A nighttime photograph of the Glasgow waterfront. The Glasgow Science Centre is visible on the left, illuminated with yellow and white lights. The Glasgow Arch Bridge is illuminated with purple and pink lights, arching over the water. The city lights are reflected in the water. A white railing is visible in the foreground on the right.

# Glasgow

Has re-emerged and today is a **Resilient City** with an international reputation for **culture, innovation, sport and hospitality**

# 1

*Promuovere  
un nuovo  
protagonismo  
delle città per la  
transizione alla  
neutralità clim*

# 2

*Aumentare  
l'impegno per  
l'efficienza  
energetica  
e le fonti  
rinnovabili*

**La carta delle città verso  
la neutralità climatica**



# 3

*Puntare su  
una mobilità  
urbana più  
sostenibile  
con meno  
auto*

# 4

*Promuovere  
l'economia  
circolare  
decarbonizzata*



2

Aug  
l'im  
l'effi  
energ  
e le f  
rin

“

Provisional figures indicate that in 2020, the equivalent of **97.4%** of

**Scotland's**

gross electricity consumption was from renewable sources

”

3

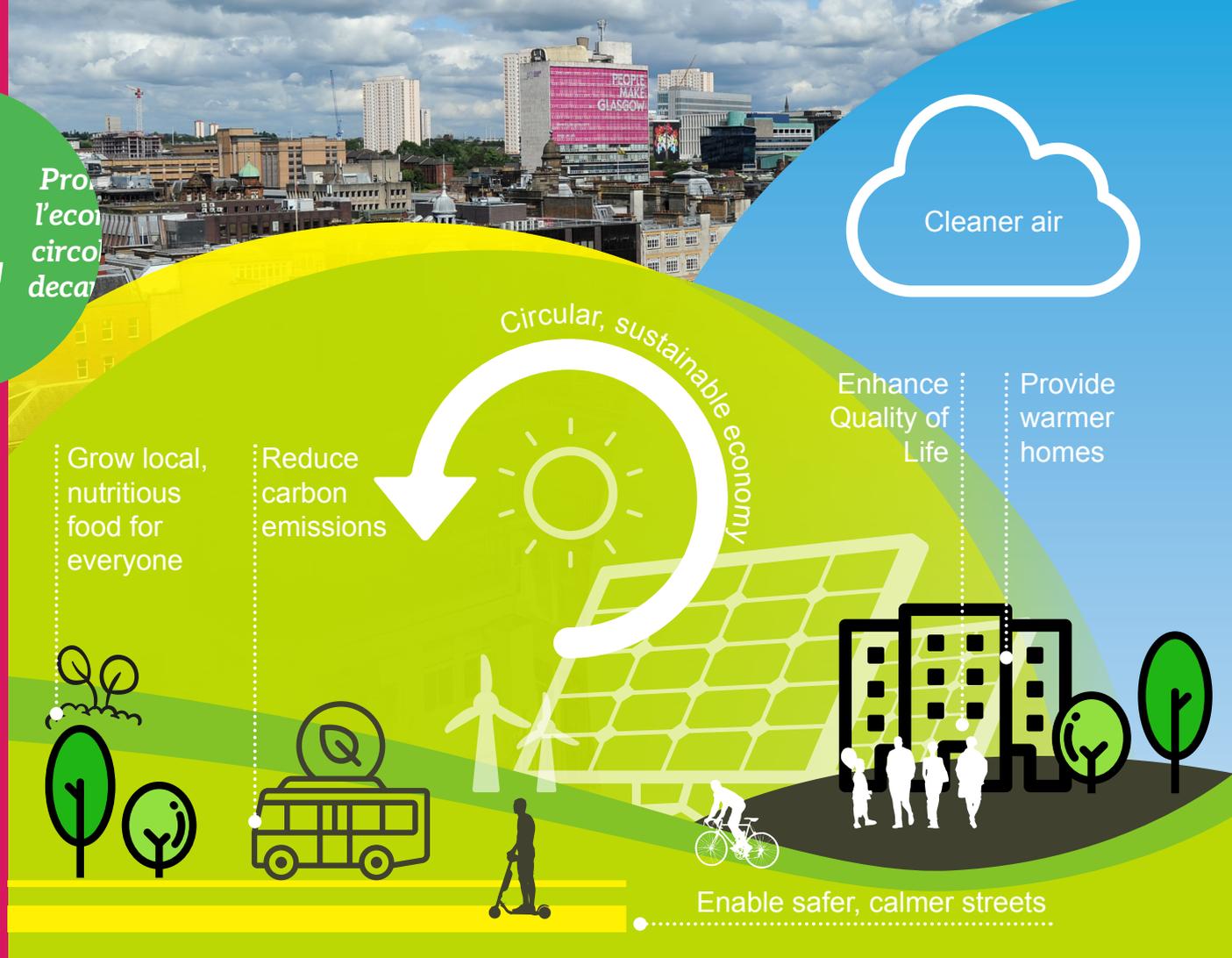
Pe  
unc  
urb  
s

4

Pro  
l'eco  
circo  
deca

Climate Change is not an **isolated** challenge, and we must ensure a **just transition** to a **Low Carbon, Climate Resilient City**

Glasgow has pledged to achieve **Carbon Neutrality by 2030**





LOW CARBON CITY

## Climate Emergency Implementation Plan (2020)

### Sustainable Glasgow Hubs:

- Greening the City
- Transport Hub
- Heating & Housing Hub
- Green Economy Hub



# G

## LOW CARBON CITY

- Actions to address the climate crisis must not further disadvantage people and communities who already experience significant inequalities.
- Actions to create a safer and more sustainable city should also be aimed at building a just and more equal city.



Transport Sector



Domestic Sector



Industry and Commercial Sector



M8 - scar in the city centre



70,000 pre-1919 tenements

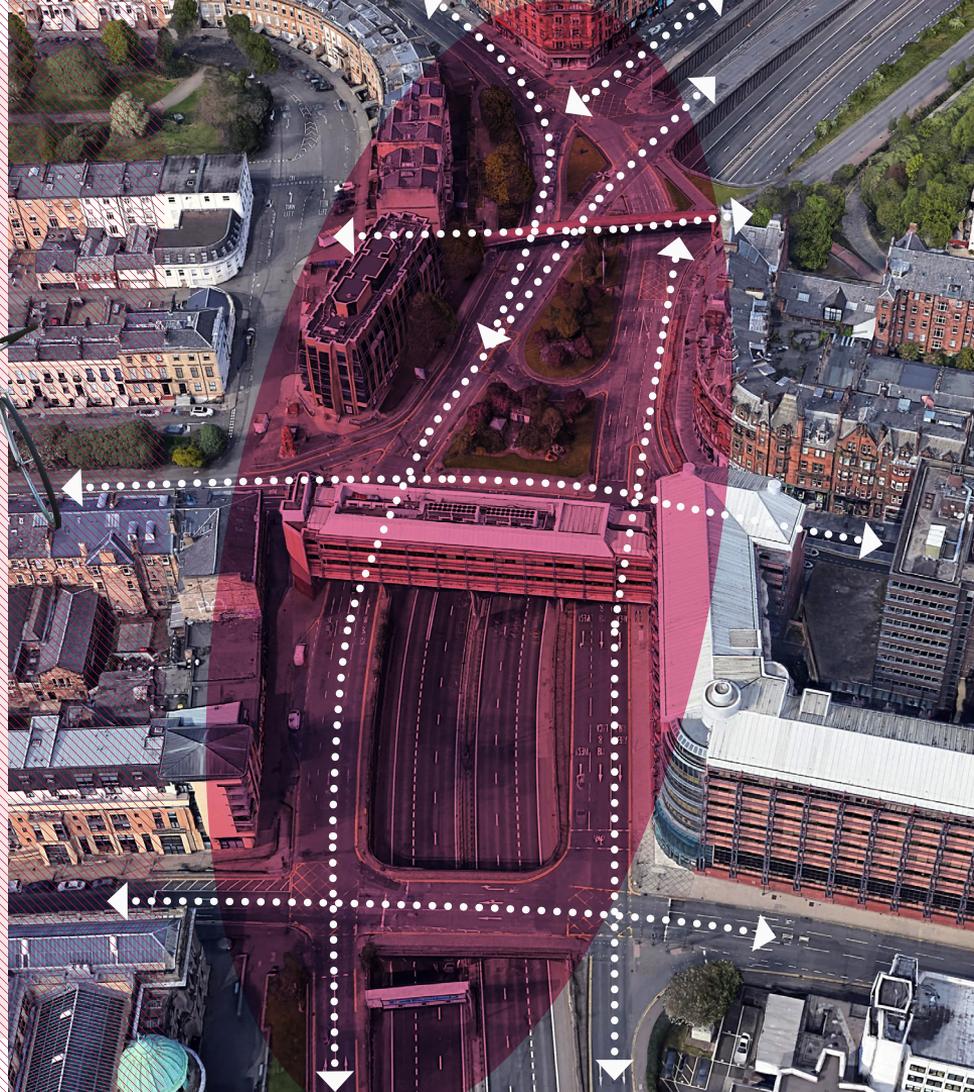


Sighthill - 1000 new homes

# CHARING X



“To create an equitable,  
carbon positive project that  
enhances the environment  
and enables the community  
to flourish ”



## Key Projects Summary

- Create new public spaces at the Mitchell, on Cap and at Charing Cross
- Enhance connections between City Centre and West End and key civic, cultural and visitor destinations
- Enhance pedestrian connection and reduce travel distance between Mitchell Library and Charing Cross Station and Sauchiehall Street
- Reduce crossing pedestrian distances
- Reduce design speeds on all streets



Create public spaces that promote people's health, happiness and well-being

A woman in a patterned top and black pants is holding a baby in a floral outfit. To her right, a man in a dark jacket and green pants is sitting on a blue bicycle, holding a camera up to his eye as if taking a photo. The background is a light pink color with a subtle diagonal line pattern.

Improve inclusive access to the city's social, economic, civic and cultural assets

A woman in a pink dress and dark jacket is walking on a bright yellow, curved ramp or bench. The background is a light pink color with a subtle diagonal line pattern.

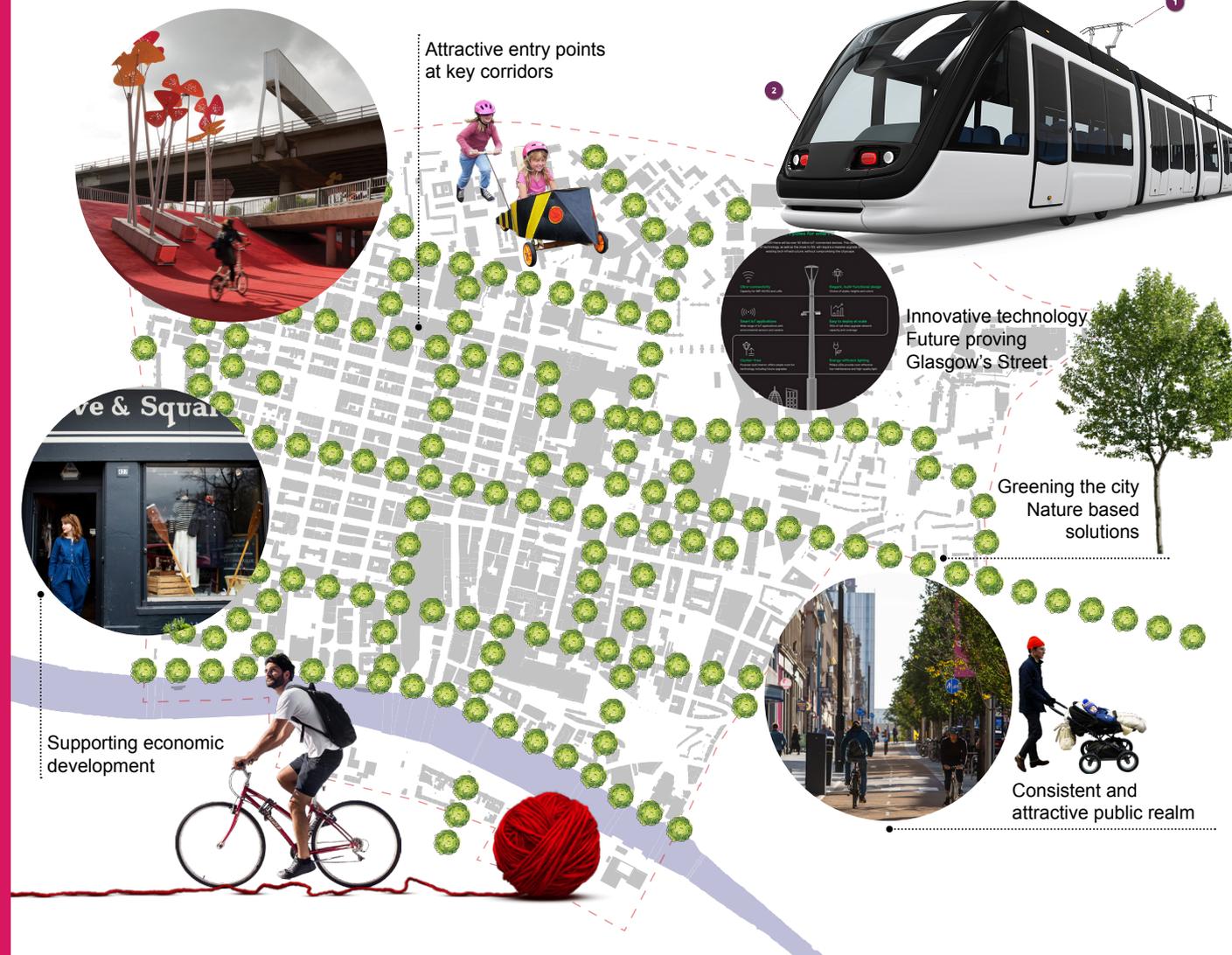
Embed nature-based solutions to address climate emergency

A large, leafy green tree stands in the center. To its right, a person in a brown shirt and blue jeans is riding a skateboard. The background is a light pink color with a subtle diagonal line pattern.

# G

## LOW CARBON CITY

- Greening the city through the provision of quality landscape and environments and nature based solutions
- Embracing innovative technology and future proofing Glasgow's streets
- Encouraging commercial, retail, leisure and residential property development
- Providing consistent and attractive public realm
- Supporting active travel
- Glasgow metro





# G

LOW CARBON CITY

People-first solutions

Attractive public realm

Active frontages

Improved lighting features



Integrated green and blue infrastructure, climate mitigation solutions

Improved connectivity / A balanced approach to motorised vehicle, pedestrian and cycle networks



---

# G

---

LOW CARBON CITY

... the number of people using a bike to travel into the centre of Glasgow has soared by more than 80% over the past two years as efforts continue to drive down car use, according to new figures.

<https://www.heraldscotland.com/news/18898246.cycling-glasgow-city-centre-soars-80/>



**Cycling in  
Glasgow city  
centre soars  
by 80%**

1 Promuovere un nuovo protagonismo delle città per la transizione a neutralità

# Cities

are innovation hubs, trend setters, decision making centres, clusters of high value assets and the where behavioural change can happen





**26TH JUNE - 4TH JULY 2021** | #LCAW2021



“  
Connected Places Catapult is launching the **UK Cities Climate Investment Commission** with our **partners** to match investment propositions with financing mechanisms and help deliver to **net zero** across all our urban areas.



**PROFESSOR GREG CLARK CBE**

CHAIR, CONNECTED PLACES CATAPULT



- Identify **Green Investment Opportunities** across UK Cities, to raise and accelerate the rate of investment in the net zero transition
- Research estimates that between £110bn and £330bn of green investment is required to meet Net Zero in the UK's core cities (Glasgow: about 30bn)
- The initial research shows that **domestic retrofit**, or making homes more energy efficient, is likely to present the largest investment opportunity.
- This is followed by **decarbonising transport**, the **retrofit of commercial buildings**, producing **renewable electricity**, and decarbonising the ways cities collect and dispose of waste.
- The report also sets out a range of financing sources currently being considered by local government, such as **municipal community investment bonds**, **carbon offsetting payments**, **workplace parking levies** and collection charges for contaminated recycling.
- Forthcoming work being undertaken by the Commission will explore potential financing mechanisms in depth, and deliver recommendations for how investment for Net Zero can be unlocked.
- Creation of sizeable, scalable investment opportunities across cities (Glasgow: Green Investment Prospectus)



Today's first stage launch reveals massive opportunities to create green growth and thousands of jobs across London and the Core Cities. I look forward to showcasing some of these at

## **COP in Glasgow in November.**

Together London Councils and Core Cities are home to almost 30 million people. It is vital that we play our full role in making sure they are not left behind and play a key role on our journey to Net Zero.

---

*Cllr Susan Aitken, leader of Glasgow City Council*

G

GLASGOW

Dr. Paola Pasino  
[paola.pasino@glasgow.gov.uk](mailto:paola.pasino@glasgow.gov.uk)

