... a city is more than a place in space, it is a drama in time.

Patrick Geddes
Vastu Shastra

Science of Architecture

- Principles of design, layout, measurements, ground preparation, space arrangement and spatial geometry.

- Designs are intended to integrate architecture with nature.
Buildings and urban environments should provide healthier environments for everyone to live, work, rest and play.

Why is architecture relevant?
We spend 90% of our time indoors

In the UK:
- 30 million people are overweight/obese
- 40,000 die from air pollution each year
- 4 million people have diabetes
- 1 in 6 adults have anti-depressents

Dr Louis Rice
Senior Lecturer in Healthy Architecture & Cities.
Challenges
Visioning

A City Centre that....

• A city centre that inspires...

• A city centre that welcomes..

• A city centre for all people..

• A city centre that is well connected, accessible and inclusive..

• A city centre that is economically vibrant...
Working Vision

Our shared vision is an exceptional city centre that is for all, a place for people to live, work, visit and play. A place that is for the future, enriched by the legacy of the past.

To achieve this vision, we will work collaboratively to create a city centre that is the heart of Edinburgh’s communities, its cultural and civic life, the focal point for its economy and one of Scotland’s most iconic and important locations.
Working Aims and Objectives

Working Vision:

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FAIR
- To ensure surrounding communities and wider city benefit from a transformed city centre.
- To provide liveable streets and public space that is accessible for all.
- To improve air quality and reduce noise pollution.
- To promote road safety and personal security.

CONNECTED
- To create a multi-modal, integrated solution for urban mobility.
- To prioritise access and movement by foot, by bike and public transport and reduce vehicular dominance.
- To create a network of public spaces, parks and gardens linked by coherent, safe and secure pedestrian and cycle routes.
- To promote a sustainable and efficient public transport system.

FAIR
- To make better use of public space to create shared experiences and ensure visitors feel welcome.

THRIVING
- To maintain and enhance thriving residential communities, improve health and quality of life.
- To support businesses and the city centre’s retail, entertainment, cultural and leisure role.
- To create an environment fit for a growing city-region, to power Scotland’s economy.

CONNECTED
- To ensure that the public realm is inclusive, safe, healthy and easy to travel to and around the city centre.

INSPIRING
- To ensure streets and public spaces enrich and revitalise the historic environment.
- To ensure new development enhances the city centre, its streets and public spaces.
- To provide a high quality platform for the city’s civic, cultural and community life.
- To encourage innovation, climate change adaptation and resilience.

To provide exemplary streets and spaces that match the city’s outstanding built and natural heritage.
Edinburgh: connecting our city, transforming our places
The Prospectus

Edinburgh: Connecting our City, Transforming our Places

• A case for change: Why status quo is not an option

• Three themes:
  A Fair and Inspiring capital city
  A Healthy City
  A Smart and Thriving City

• Delivering change - a range of approaches:
  Business as usual / strategic planning / transformational

• Fifteen ideas

• Public Engagement: September and October
A fair and inspiring capital city

- A walkable city centre
  - Reducing the dominance and impact of traffic and prioritising access on foot, by bike and public transport.

- Improving our streets, gardens, spaces and places
  - Renovating existing and creating new civic spaces.

- Creating better accessibility
  - Better connecting different modes of transport and developing a wayfinding system that signs people around the city.

- Strengthening our town centres
  - Supporting local business and creating neighbourhoods based around walking and cycling.

- Making it easier to use public transport
  - Introducing integrated ticketing that allows seamless changes from bus to tram, bike hire or car club with a single contactless payment.

- Making individual journeys easier
  - Introducing bespoke transport services based on the use of data and technology.

A healthy city and environment

- Creating a more active city
  - Developing strategic walking and cycling routes across the city.

- Improving air quality
  - Creating low-emission zones, restricting polluting vehicles.

- Encouraging the use of clean vehicles
  - Expanding the network of electric vehicle charge points.

- Giving people in new developments healthier transport options
  - Setting specific modal targets by location.

A smart and thriving city

- Widening the reach of public transport
  - Extending and realigning public transport to better serve a range of origins and destinations.

- Offering more sustainable choices for longer journeys
  - Expanding the park and ride network and connecting it with other transport choices.

- Protecting the city’s environment while supporting businesses
  - Creating freight hubs to reduce the impact of large vehicles on the city centre and neighbourhood streets.

- Controlling the impact of commuter parking
  - Extending controls and introducing a workplace levy to fund sustainable transport.

- Looking to the future
  - Use of data-driven innovation and smart technology across a range of transport initiatives.
Cities have the capability of providing something for everybody, only because, and only when, they are created by everybody.

Jane Jacobs