

# Digital Glasgow Strategy

Iain Langlands  
GIS Manager  
Glasgow City Council

Glasgow – Our Vision

DEFINE

MEASURE

ANALYSE

IMPROVE

CONTROL

“A world class city with a thriving digital economy and community, where everyone can flourish and benefit from the best digital connectivity and skills, where technology is used to improve everyone’s quality of life, drive businesses’ innovation and service design and improve our city, its neighbourhoods and its success.”

**PEOPLE  
MAKE  
GLASGOW**

**Iain Langlands - GIS Manager**

**Neighbourhoods and Sustainability,  
Glasgow City Council**

# Glasgow – Our Digital Aims

DEFINE

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Process | Data | Digital | Design

## OUR FIRST AIM

We want businesses across all of our sectors to realise the potential that digital provides, to stimulate innovation, and to establish Glasgow's tech sector as a **top 20 global digital economy**.

## OUR SECOND AIM

We want Glasgow to be recognised as one of the most pioneering and innovative smart cities in the world, and we want to apply this innovation to transforming our public services.

## City Operations - Glasgow

DEFINE

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So why do we need smart technology to help manage and sustain our cities?



## Glasgow – Data for the Future

DEFINE

MEASURE

ANALYSE

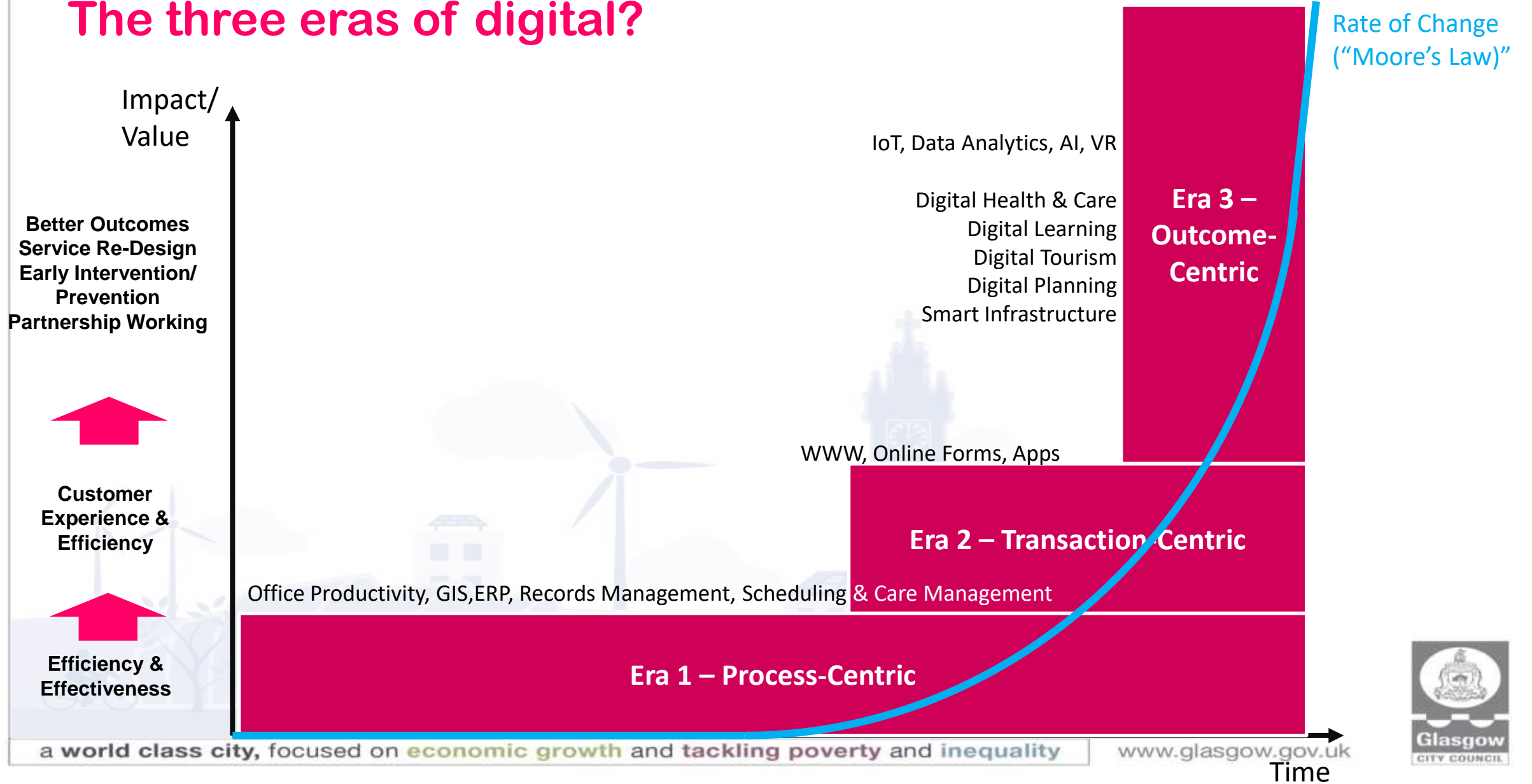
IMPROVE

CONTROL

Process | Data | Digital | Design

- Better use of data
  - Improve services
  - Deliver better outcomes
- Evidence-based development of new products and services
- People empowerment
- Informed decisions
- Research and Market Research
- Shared insight improving partnership working and collaborations

# The three eras of digital?



## What are we developing?

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- 'Single-Source-of-Truth' data platforms
- Open Data Hub
- 3D Asset Register
- Property Dashboard
- Electoral Boundaries Dashboard
- Customer Engagement Hub
- Selection of data gathering tools for internal and external use.
- Shared data platforms
- Systems Integrations
- Intelligent Visualisations – above ground and below ground.

# transforming glasgow

199km  
A Roads

73km  
B Roads

245km  
C Roads

1,333km  
Local Roads



275  
Bridges



10,000  
Litter bins

300,000  
Bulk uplifts

23.5m  
Domestic collections  
(including recycling)

360,500km  
Streets swept

316km Length of cycle routes

a world class city, focused on **economic growth** and **tackling poverty and inequality**

[www.glasgow.gov.uk](http://www.glasgow.gov.uk)





## Smart City Operations – Vision of the Future

DEFINE

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- Location tracked, route optimised, driver behaviour monitored, energy efficient vehicles.
- Data used to support infrastructure (EV Charging Points).
- Mobile working.
- Tagged, managed and connected assets.
- Sensors to manage waste, parking, flooding, buildings, air quality, public safety, health and wellbeing.
- Data to support operational transformation and to develop policies.
- Citizen engagement and empowerment using technology as an enabler.

# Digital Leadership Goals - 1

- **DIGITAL BUSINESS**

- developing internationally competitive, digitally mature businesses in all sectors.

- **DIGITAL PUBLIC SERVICES**

- Empowering citizens to better manage wellbeing and to support independent living.
- Improve access to digital technology for all learners – 50,000 iPads to all P6 and above
- 3D strategy, enabling 3D planning applications alongside the publication of a 3D City Model.
- Digital tourism, promoting the city's vibrant culture and world-class events and sporting facilities.

## Digital Leadership Goals - 2

- **DIGITAL EMPOWERMENT**

- Open and transparent decision-making with citizens more involved locally and city-wide.
- Increased civic participation through better access to information and the use of digital technology.

- **DIGITAL LEADERSHIP**

- Designing digital public services around the needs of users

- **DIGITAL APPROACH**

- Style 1: Open Innovation
- Style 2: Agile Service Design
- Style 3: Large-scale and Complex Implementations

# “Digital Glasgow Strategy”

Search for the document in any web search engine.

Thank you