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Sustainable Development Duty

November 2015

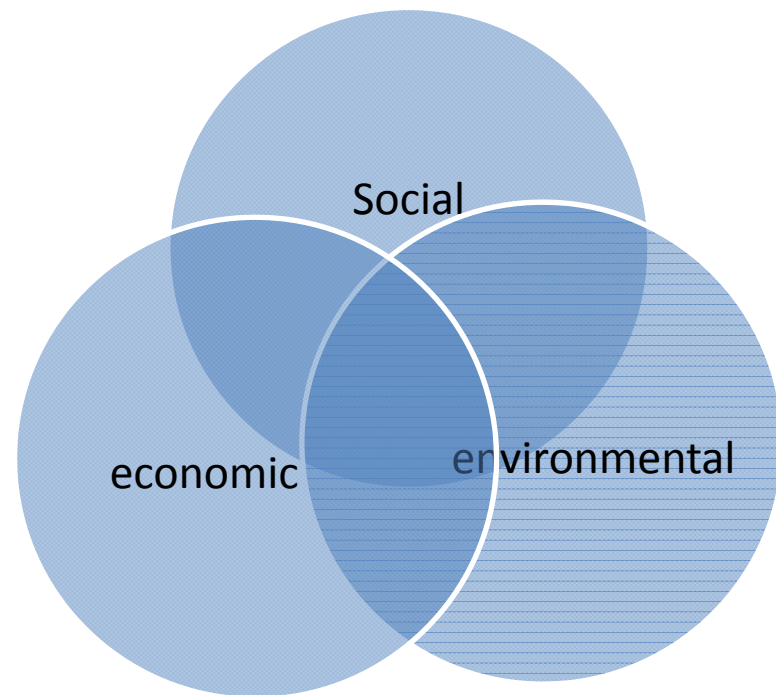


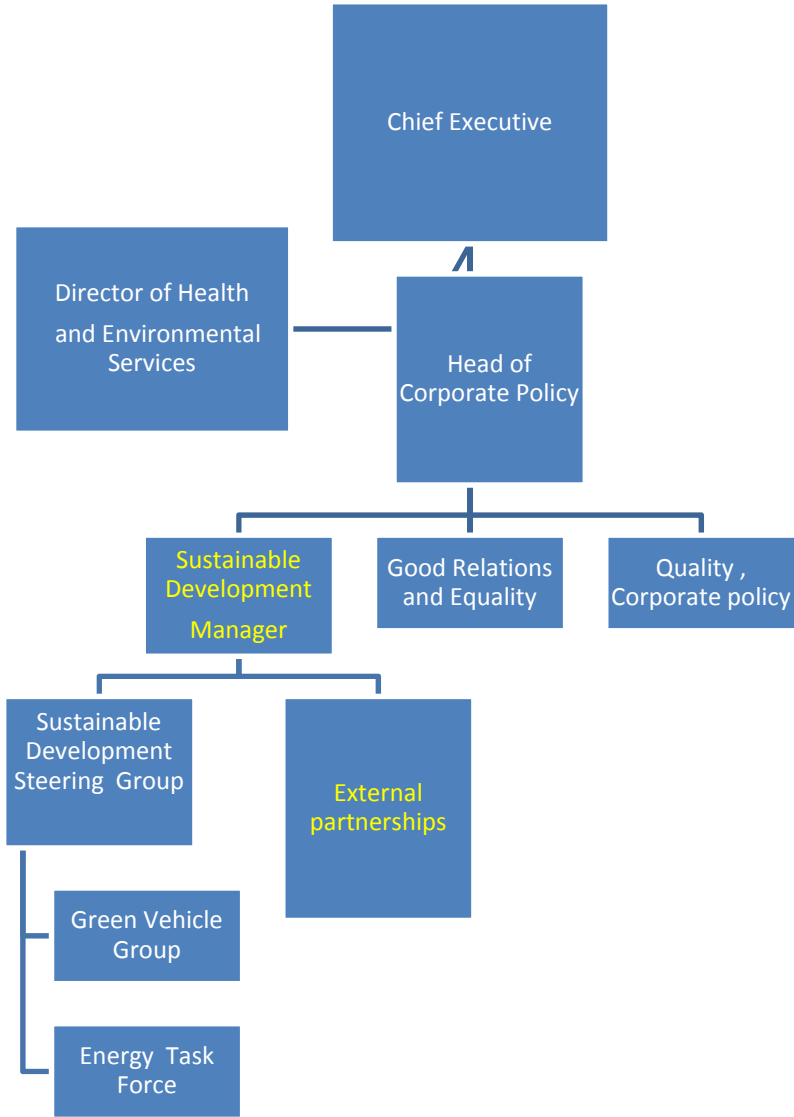
# The journey 2002 .....

## 1st Sustainable Development Strategy

### Key internal process

- Adopted as Corporate issue
- Chief Executive Leadership
- Sustainable Development Manager
- Cross departmental Steering Group
- Time bound working groups
- External partnerships
- No NI Government policy





# SDSG

## Key themes - 20 Officers

- Procurement
- Internal Energy
- Internal Waste
- Transport
- Education and awareness
- Environment / sustainability screening in committee papers.
- Director of H&Env Services



# External Partnerships

- Belfast Energy Agency .  
Bryson House
- Northern Ireland Housing  
Executive
- Groundwork NI - NIHE  
Greencare project - 4 areas.
- Belfast Local Agenda 21  
Partnership
- Belfast Fairtrade committee



# Green procurement

## The key driver

- 2002 large budget
- 100's suppliers.
- Supply chain challenges
- Environment impact analysis
- Green Supplier of the year award
- Driving recycling , reuse , waste reduction, energy reduction
- Staff awareness – need?  
Reuse? Recycle?



# Transport – Green Vehicle Group

- BCC has a large diesel dependant fleet
- Role model organisation
- Hybrid vehicles 2005
- Reduced costs
- Reduced carbon emissions





# Energy – Energy Task force

- Building Managers
- Energy bill examination
- Biomass energy
- PV Energy
- Solar water heating
- Pool covers / CHP systems
- Central energy efficiency fund applications
- North Foreshore – methane to renewable electricity





# Grove Leisure centre – integrating services



# SDSG 2013 - Who

## Senior Management

- Director of Health and Environmental Services
- Director of Development
- Head of Policy Services

## Officers

- Sustainable Development Manager
- Waste Management
- Energy Management
- Procurement Manager
- Property and Projects
- Parks and Leisure Officer
- Biodiversity Officer
- Community Development
- Economic Development

# SUSTAINABLE DEVELOPMENT DUTY



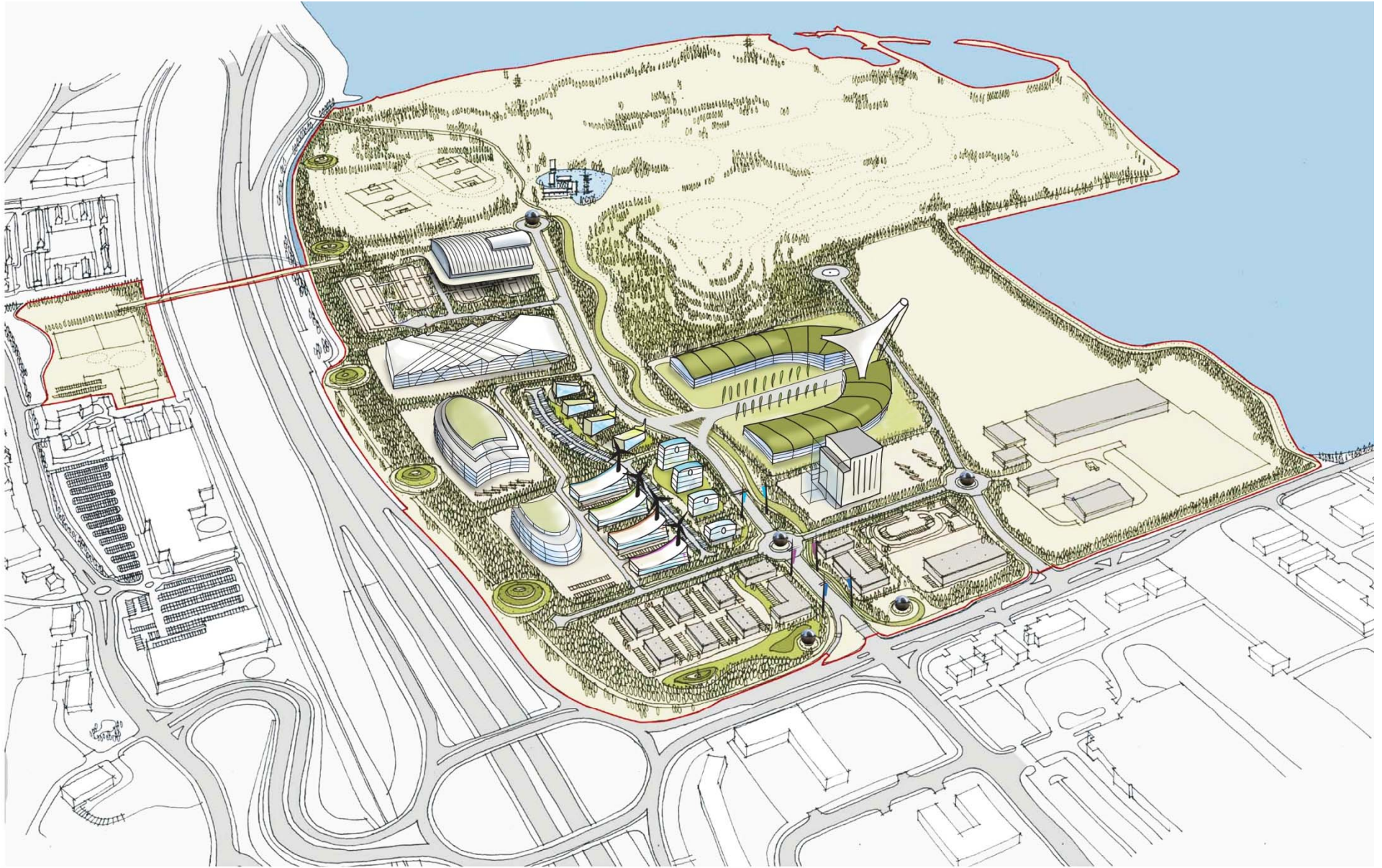
## Sustainable Development Statutory Duty

A Guide for Public Authorities



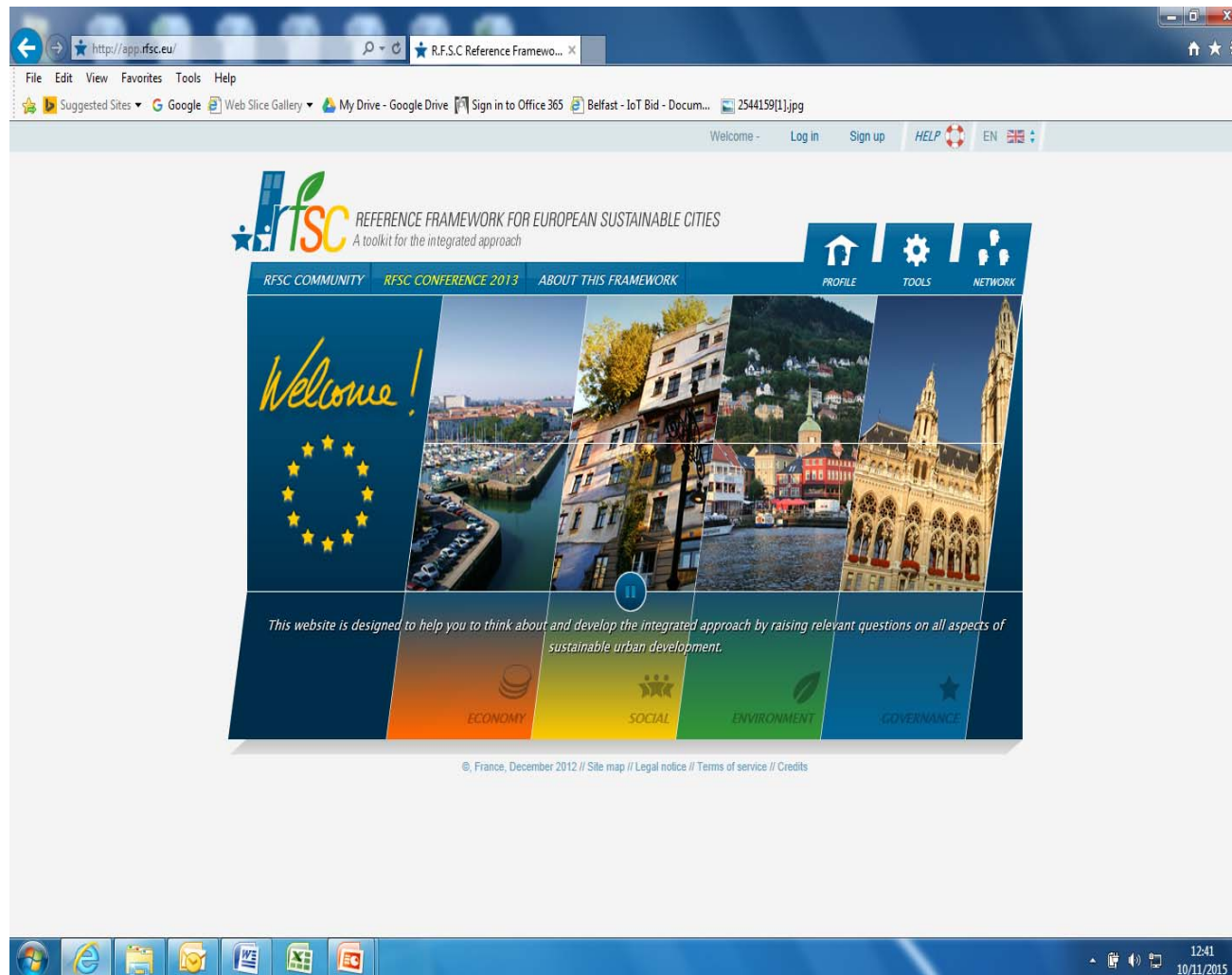
Published by  
OFMDFM under  
Section 25 of the  
Northern Ireland  
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Provisions) Act  
2006 (c.33)





North Foreshore Giant's Park  
Sketch view showing concept proposals

# EU PROJECT pilot – RFSC – Reference framework for Sustainable Cities







**Internal waste recycled /reused**



# Public Bike Hire Scheme



- Launched in April 2015
- 20 locations around the city
- £20 per annum
- Success just past 100 000 trip taken within 6 months
- Changes the cultural and appearance of a city
- Welcomed by tourists and business people

# Sustainable mobility

- 5% all public vehicle sector vehicles will be ultra low emission by 2020.
- BCC have over 300 diesel / petrol fuelled vehicles
- 75 % grant funding infrastructure
- BCC trail Renault Kangoo, cheaper to run ,zero emissions
- Casing – circuit boards, local jobs, local wealth

## Electric vehicles



# £8m - Electric Vehicle bid



transportni



Department for  
Regional  
Development  
[www.drdni.gov.uk](http://www.drdni.gov.uk)



Department of the  
Environment  
[www.doeni.gov.uk](http://www.doeni.gov.uk)

e-carni  
Charged for Success



Go Ultra Low

# Energy Security

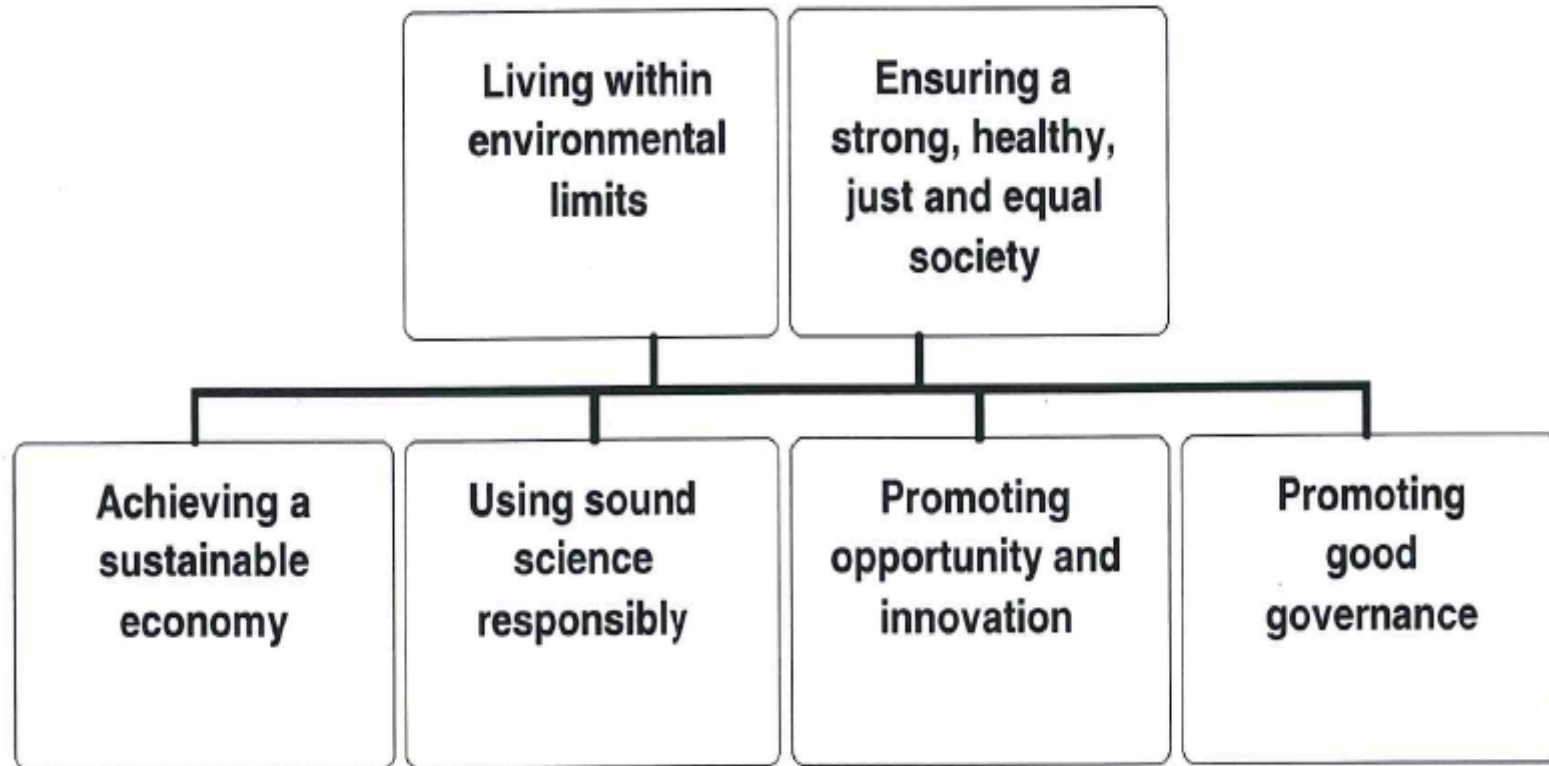
- 98% dependant on imported fossil fuel
- Highest utility prices in the UK
- 42 % Fuel poverty
- Industrial electricity prices 20% higher than neighbouring states. Uncompetitive
- Historically low oil prices
- Huge potential PV, biomass, biogas, AD



# Looking forward

- Integrating sustainable development concept and principles in Community Plan , Investment Plan, Spatial and Regeneration planning .
- Sustainability screening of large capital projects e.g leisure centres
- Carbon mitigation and adaptation in planning policy and corporate planning

# SD Principles





# Priority areas

- **Priority Area 1** - Building a dynamic, innovative economy that delivers the prosperity required to tackle disadvantage and lift communities out of poverty.
- 
- **Priority Area 2**- Strengthening society so that it is more tolerant, inclusive, and stable and permits positive progress in quality of life for everyone.
- 
- **Priority area 3** – Driving sustainable long term investment in key infrastructure to support economic and social development.
- 
- **Priority area 4** – Striking an appropriate balance between the responsible use of natural resources in support of a better quality of life
- 
- **Priority area 5** –Ensuring reliable, affordable and sustainable energy provision and reducing our carbon footprint.
- 
- **Priority area 6** – Ensuring the existence of a policy environment which supports the overall advancement of sustainable development in and beyond Government.

# Leisure estate £105 Million- green buildings

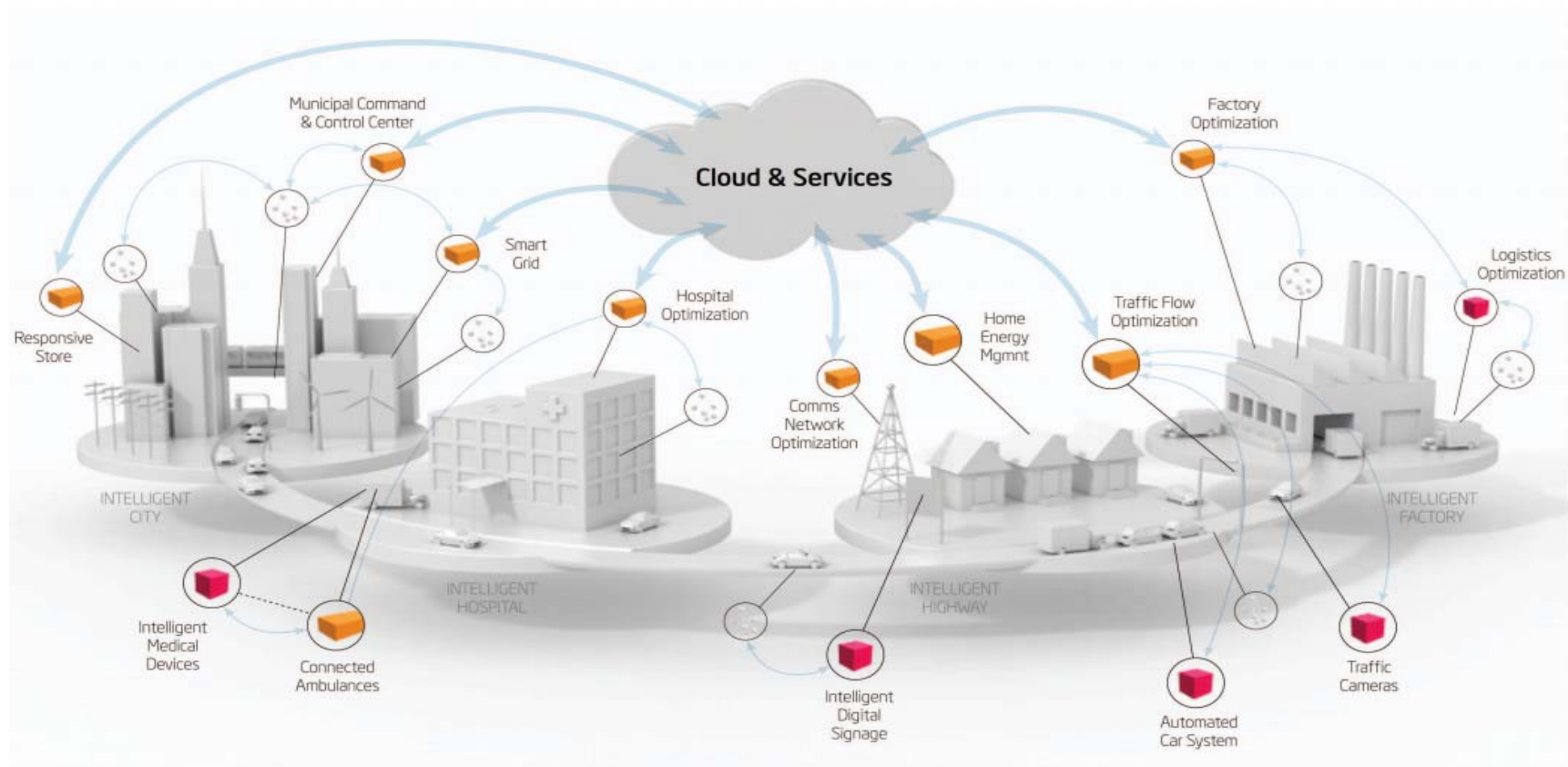


# INNOVATE UK – Future City Demonstrator

- Future City Demonstrator competition
- **Smart sustainable city**
- Integration of services, the circulatory economy.
- INNOVATE IOT £10m ,  
Rockefeller foundation  
100 Resilient Cities



# Internet of Things



# Third Industrial Revolution

Transformative changes in

- **Energy** – renewable energy produced locally , smart grids, demand
- **Communication** , internet WIFI enabled technology, devices talking to devices, social media , speed.
- **Finance** - no longer talking just to banks, crowding fund etc made accessible through internet.

# Leadership and vision





# Leadership

