



# TRANSPORT INFRASTRUCTURE FOR GREEN AND INCLUSIVE GROWTH

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## The OECD

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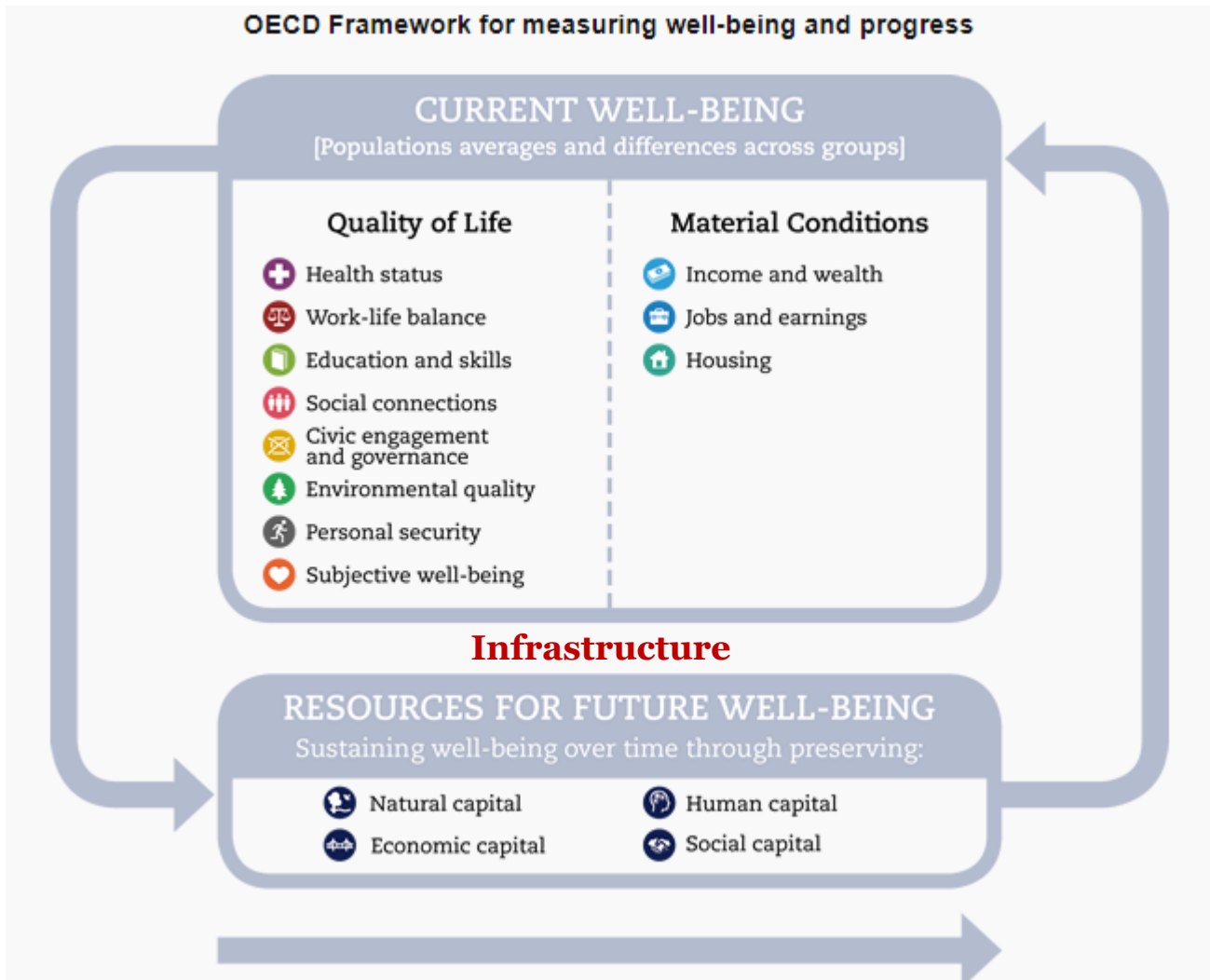
We promote policies that will improve the economic and social **well-being** of people around the world

We support new sources of growth through **innovation**, 'green growth' strategies and the development of emerging economies

We work on **thematic** areas to address specific issues around public finances, health, labour, governance, energy, cities, transport...



# Infrastructure and well-being





# Sustainable change and infrastructure

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Innovation is required at two different levels:

- » Service delivery layer
- » Infrastructure layer

Global and urban trends (a selection of)...

- » Demographic change
- » Asset ageing
- » Digitalisation

... call for change at the infrastructure level towards a green, healthy and **inclusive** environment



# Demographic trends and universal accessibility

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- The share of disabled, elderly and encumbered passengers can reach 20% of the total
- Transport options need to be accessible for the largest possible share of population
- Rules and incentives to integrate accessibility design and planning in urban development





# Economic Benefits of Improving Transport Accessibility



Roundtable Report



## Asset ageing and maintenance needs

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- OECD surveys (2017) identify the greatest challenge in the infrastructure cycle as *encouraging efficient infrastructure spending*
- Inefficient investment and maintenance can lead to asset deterioration, failures, and lack of resilience given ageing asset stock
- Promoting quality and sustainable infrastructure requires maintenance strategies:
  - » Mapping existing asset conditions
  - » Identifying funding needs and sources
  - » Implementing innovative solutions

# Getting Infrastructure Right

The Ten Key Governance Challenges and Policy Options



THE OECD FRAMEWORK  
FOR THE GOVERNANCE OF  
INFRASTRUCTURE



The Governance of Regulators

## The Role of Economic Regulators in the Governance of Infrastructure







# Digitalisation and platforms

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- Technology can reduce the cost of infrastructure, including maintenance
- Digitalisation will also transform the use of infrastructure, empowering asset managers and users with new alternatives
- But the rise of platforms as leaders in the new data layer raises questions about sustainability and inclusion



VS





# New opportunities: citizen engagement

ChatScotland

How It Works

Press

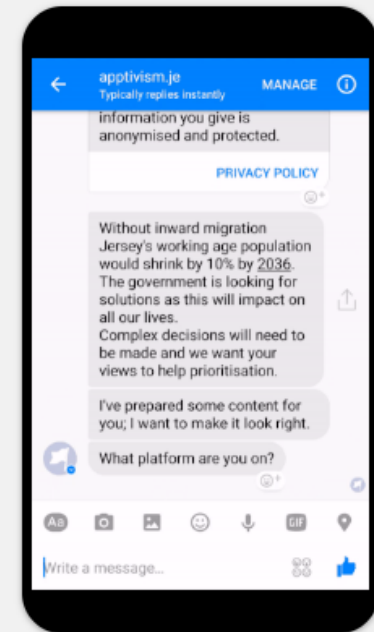
Contact us



## apptivism

Helping citizens and communities to give their view on civic issues through Messenger chatbots.

Get in touch to learn more





## Take-home messages

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- Change is needed: SDGs and urban development require a paradigm shift in how we manage the infrastructure layer
- Emerging challenges: include demographic changes, asset ageing and digitalisation
- Policy innovation: understanding new trends, asset monitoring, experimentation of new solutions within flexible frameworks, and citizen engagement



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Thank you

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