TRANSPORT INFRASTRUCTURE FOR GREEN AND INCLUSIVE GROWTH

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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

OECD Framework for measuring well-being and progress

CURRENT WELL-BEING
[Populations averages and differences across groups]

Quality of Life
- Health status
- Work-life balance
- Education and skills
- Social connections
- Civic engagement and governance
- Environmental quality
- Personal security
- Subjective well-being

Material Conditions
- Income and wealth
- Jobs and earnings
- Housing

Infrastructure

RESOURCES FOR FUTURE WELL-BEING
Sustaining well-being over time through preserving:

- Natural capital
- Human capital
- Economic capital
- Social capital
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

- 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
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
Digitalisation and platforms

- 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
New opportunities: citizen engagement

apptivism

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

Get in touch to learn more
Take-home messages

• **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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