

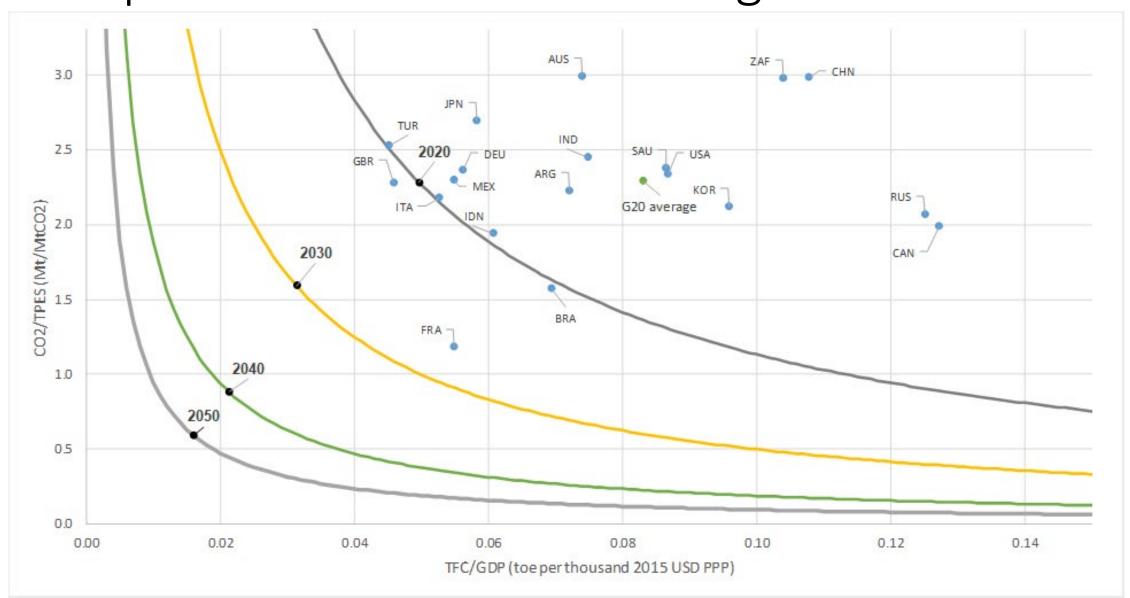
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MOVING FROM COMMITMENT TO ACTION: COMBINING MITIGATION AND DEVELOPMENT OBJECTIVES ACCELERATING CLIMATE ACTION - REFOCUSING POLICIES THROUGH A WELLBEING LENS

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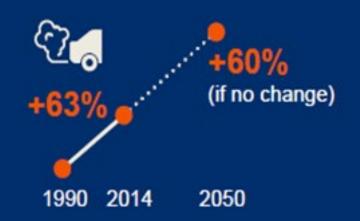
Net-zero emissions in second-half of century requires transformative change



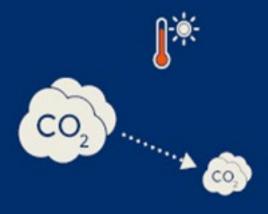
We need to think and do things differently ... for example



Mobility systems connect people and places but CO₂ emissions from transport have grown faster than any other sector over the past few decades:



Transport accounted for 23% of global energy related CO₂ emissions in 2014



Achieving the 1.5 °C goals would require drastic cuts in transport emissions by 2050 (-25% to -75%)



Today's systems worsen air quality, entrench social inequalities and deteriorate natural habitats

Well-being lens

By systematically capturing multiple benefits and managing trade-offs, a well-being approach can increase the case for low-emissions solutions that align multiple goals and combine action across different sectors and scales of action

CURRENT WELL-BEING

[Population averages and differences across groups]

Quality of life

- Health status
- Work-life balance
- Education and skills
- Social connections
- © Civic engagement and governance
- 🚺 Environmental quality
- Rersonal security
- Subjective well-being

Material conditions

- Income and wealth
- Jobs and earnings
- 1 Housing

RESOURCES FOR FUTURE WELL-BEING

Sustaining well-being over time through preserving

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



Adopting a well-being lens...



- Policy goals are defined in terms of well-being outcomes and are systematically reflected in decision-making across the economy
- Decisions taken consider multiple well-being objectives, rather than focusing on a single (or very narrow range of) objective(s) independently of others
- Interrelations between the different elements of the system are brought into focus



Change perspective

Change the metrics

Change the policy design



Creating two-way alignment







Heavy industry



Residential



Surface transport



Agriculture

Residential

A broader perspective to "good housing"

Climate Change Mitigation

Built-environment

Wider environmental objectives

Safe and secure living environment



Ecosystem

Affordable housing, contributing to equity

Healthy living environment

Macro-level: city and wider community

Comfortable living environment

A changed perspective - surface transport

Sustainable development and well-being



+ GHG and less well-being



Policy Priority

Physical Movement

i.e. increasing traffic, passenger and freight volumes

Accessibility

i.e. enhancing access to services, people and opportunities

 Different spatial scales (regional, inside cities and territories)

Decisionmaking approach

Predict and provide

Indicators: traffic, speed, passenger and ton-kms



Accessibility indicators

 Multi-modal (car, public transport, walking, cycling, other)

Decarbonising strategy

Mainly **improve** (i.e. efficiency and fuel switch-e.g. electrification)

Improve, but also big emphasis on **shift** and **avoid**

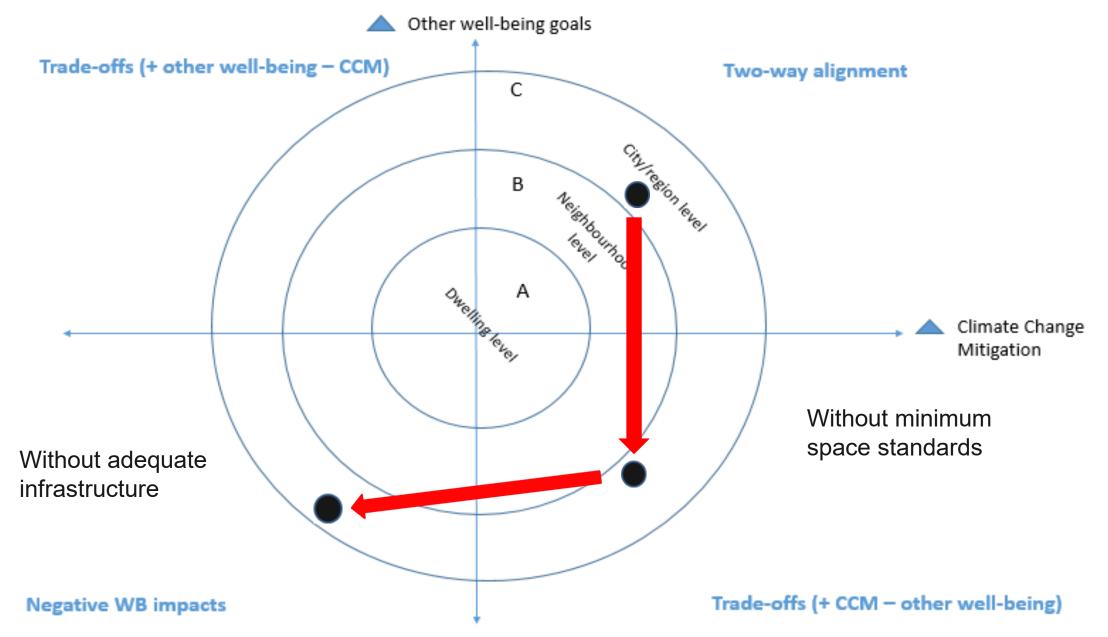
+ air quality, equity, efficient public space use

 Beyond physical access (e.g. affordability, road safety)

+ air quality

Based on: (ITF, 2018); (OECD, 2019)

Synergies and trade offs – compact development



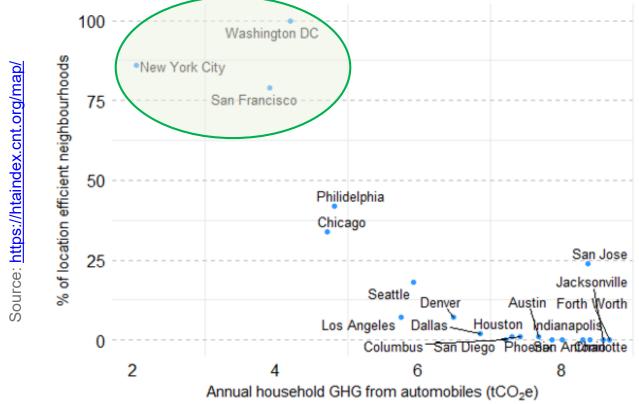


Metrics for joined up thinking

Affordability

Housing plus transport affordability:

- < 30% of total income spent in housing
- < 15% of total income spent in transport



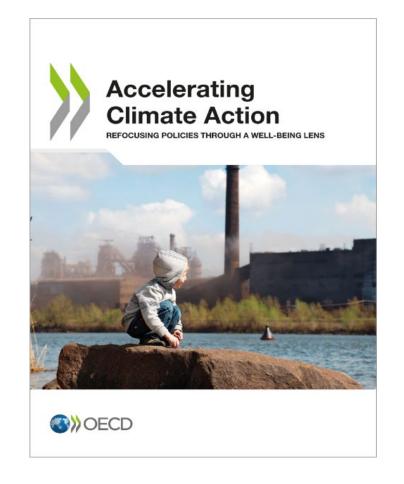
Used in the USA:

- Location of subsidised housing developments (low-income housing credit)
- Inform prospective home-owners
- Establishing priorities on transport upgrades

Cities with a higher share of location efficient neighbourhoods show lower GHG emissions from car use!

The well-being lens and crossgovernment action





By better capturing multiple benefits, a well-being approach can make a stronger case for implementing and funding solutions that align multiple goals and combine different scales of action.

Special thanks to the "well-being team":

- Aimée Aguilar Jaber (project lead)
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Thank you!