



Module 5

Enabling Climate and Sustainability
Action in Transport: Finance,
Capacity and Institutional Support

The background is a solid teal color with several overlapping, semi-transparent geometric shapes in various shades of teal. These shapes include large curved segments, some with dotted patterns, and thin curved lines. The overall aesthetic is modern and abstract.

Section 5.1

Financing Sustainable Transport in Times of Limited Budgets

FIGURE 1. Potential jobs created through transport investments, 2020

Source: See endnote 7 for this section.

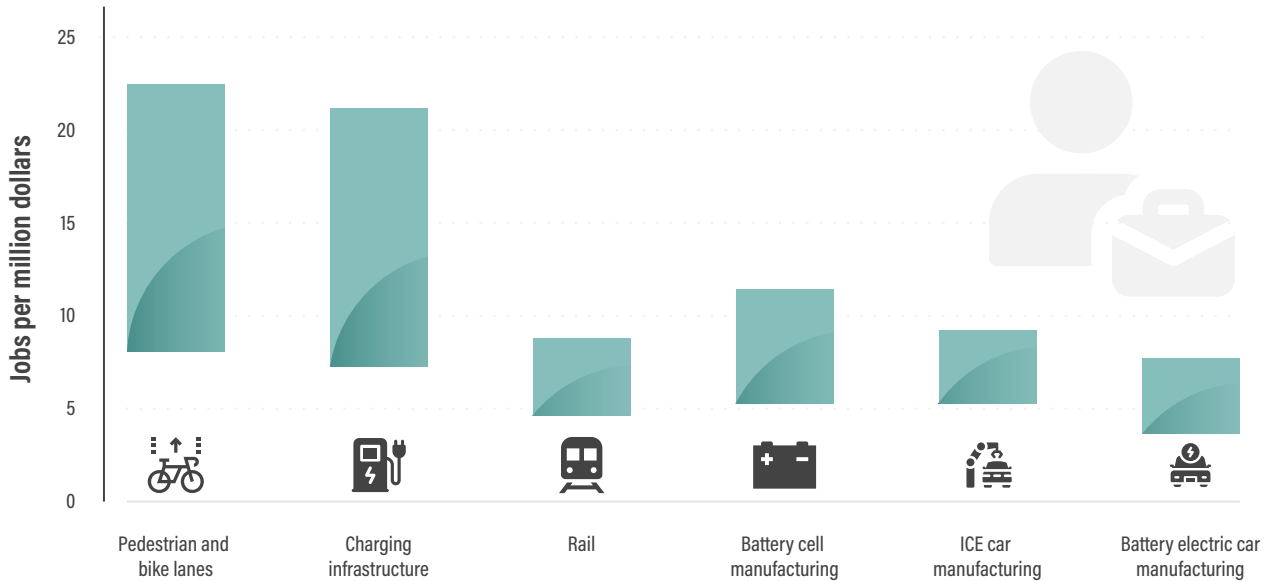


FIGURE 2. Investment in transport from the COVID-19 stimulus in G20 countries, by volume and share of GDP

Source: See endnote 10 for this section.

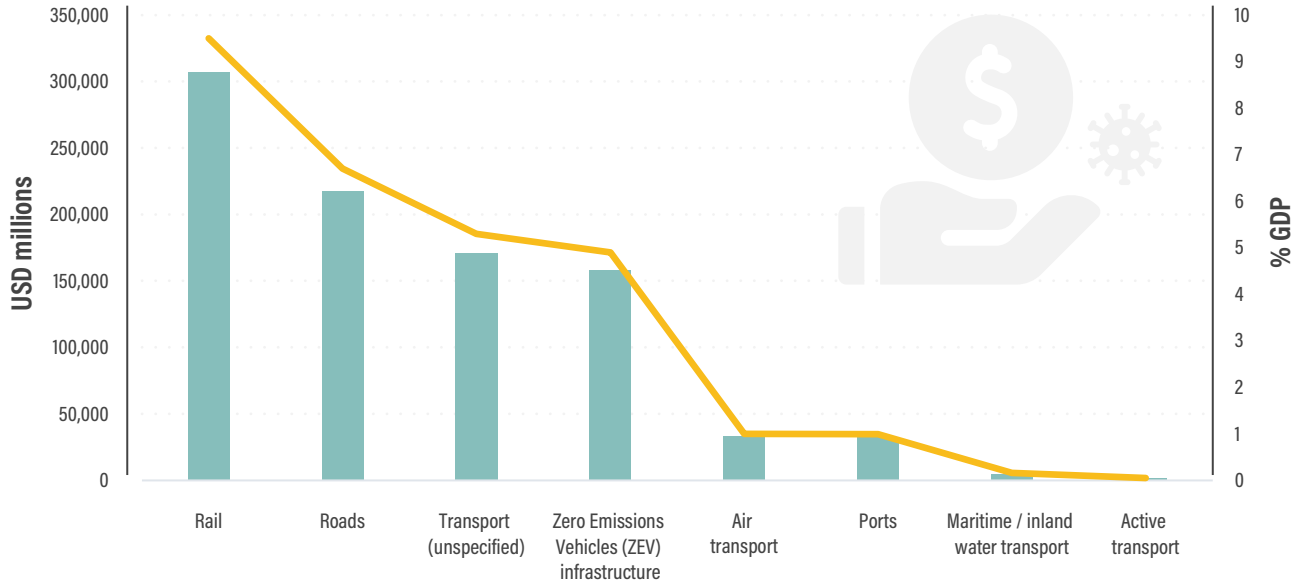
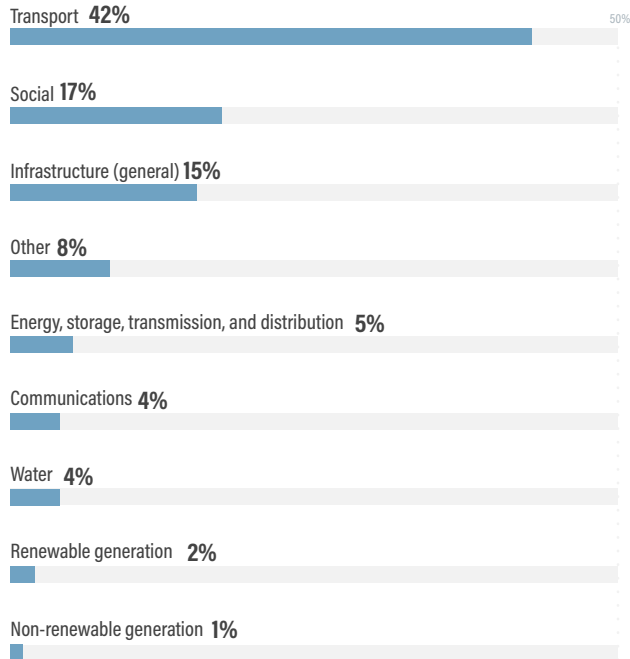


FIGURE 3. Estimated public investment in transport (a) as a share of total public investment in infrastructure and (b) by transport sub-sector, in the G20 countries, 2022

Source: See endnote 18 for this section.

Public investment in infrastructure



Transport sub-sector

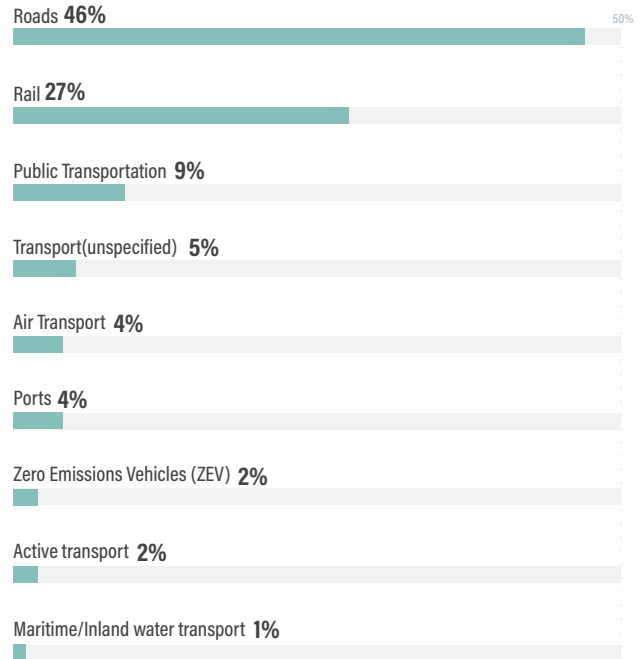


FIGURE 4. Transport infrastructure investments in OECD countries, 2018-2021

Source: See endnote 20 for this section.

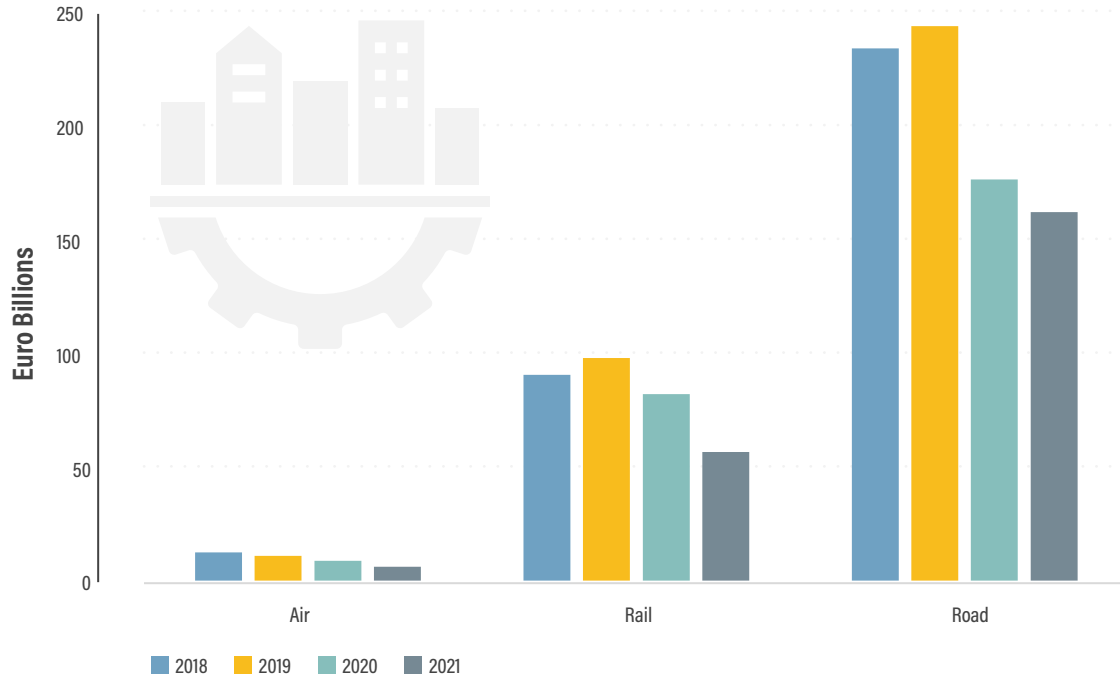
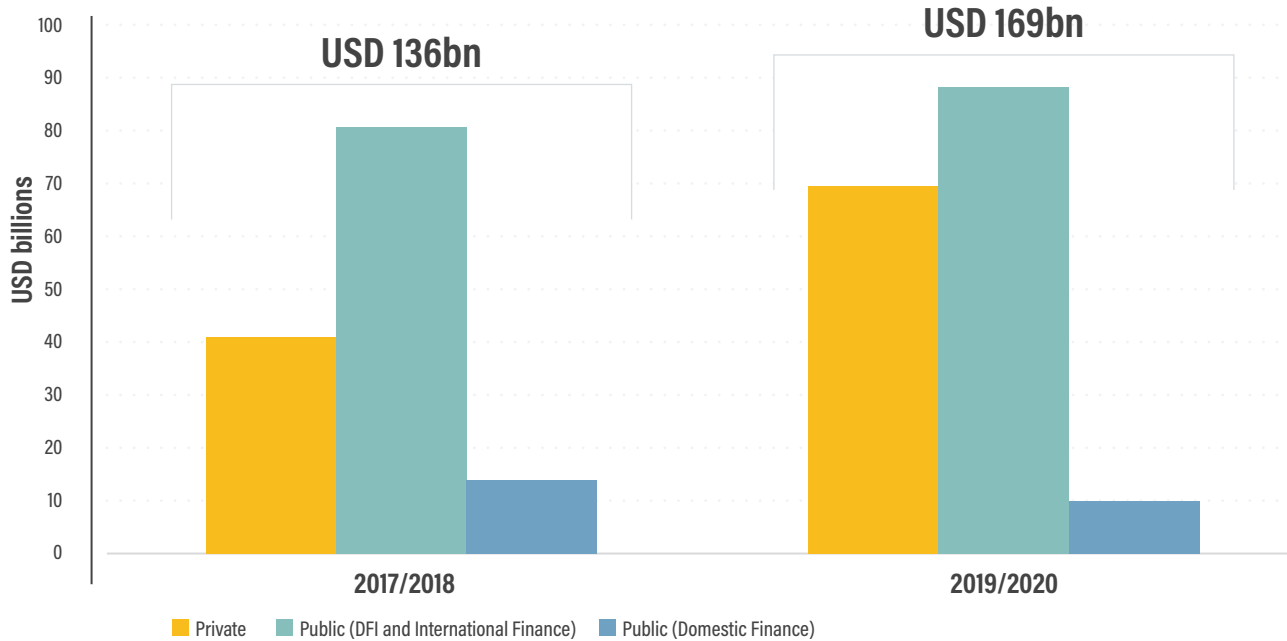


FIGURE 5. Global climate finance in the transport sector, by source, 2017/18 and 2019/20

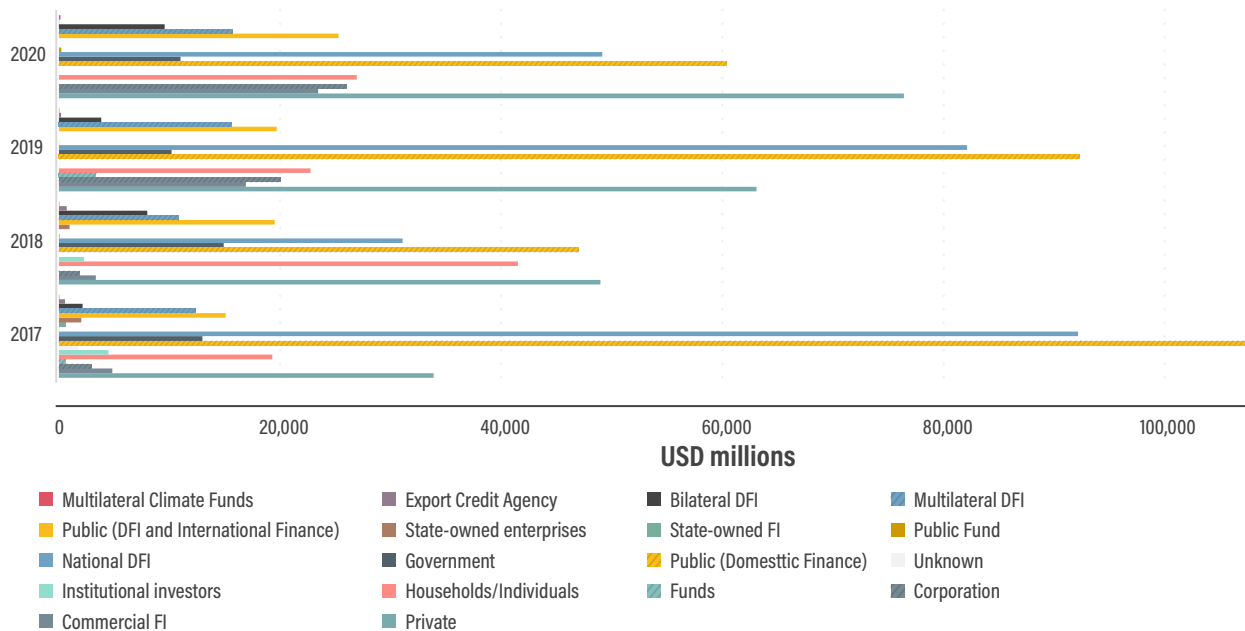
Source: See endnote 25 for this section.



Note: DFI = development finance institution

FIGURE 6. Financing for transport mitigation and adaptation, by type of financier, 2017-2020

Source: See endnote 30 for this section.



DFI = development finance institution FI = finance institution

Note: DFI = development finance institution; ECA = export credit agency; FI = finance institution; SOE = state-owned enterprise.

FIGURE 7. Use of proceeds from global green bonds issuances, 2014-2022

Source: See endnote 38 for this section.

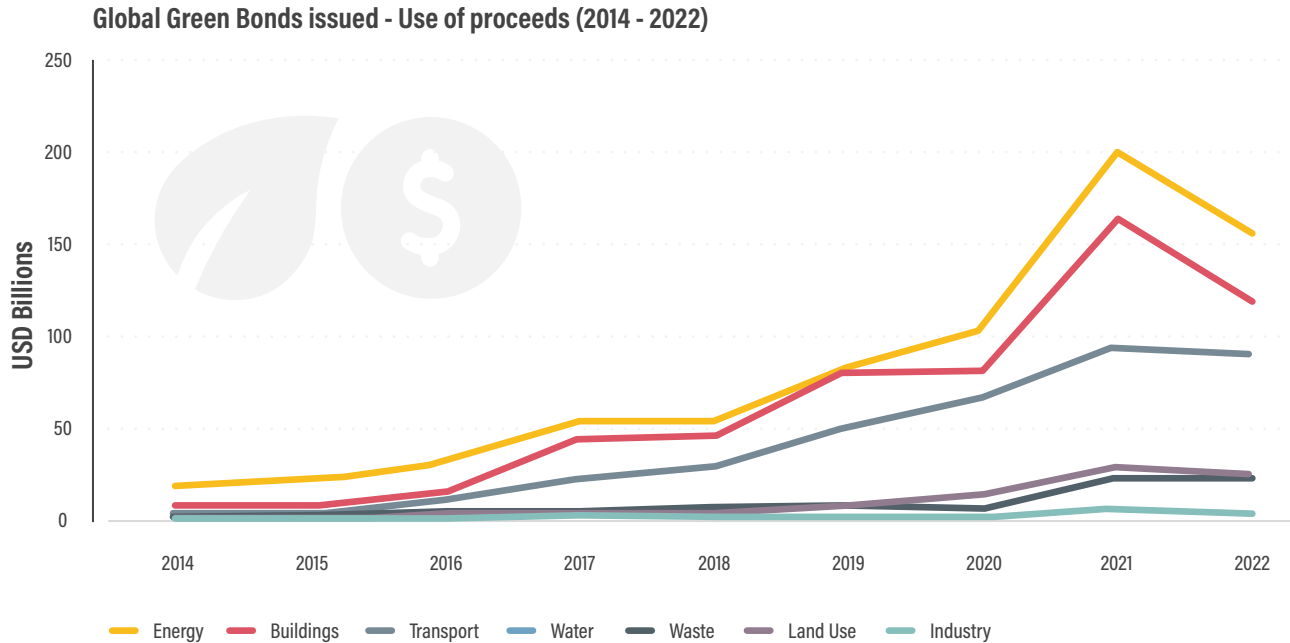


FIGURE 8. Fossil fuel support by sector in 51 OECD, G20 and Eastern Partnership countries, 2010-2021

Source: See endnote 63 for this section.

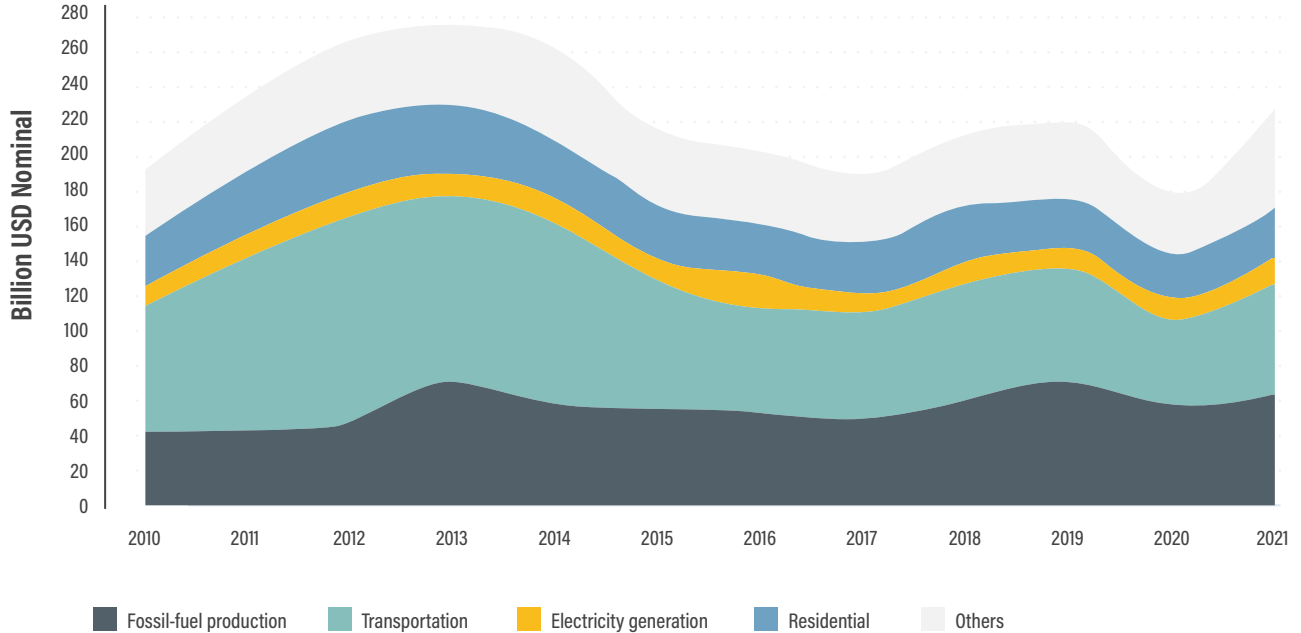
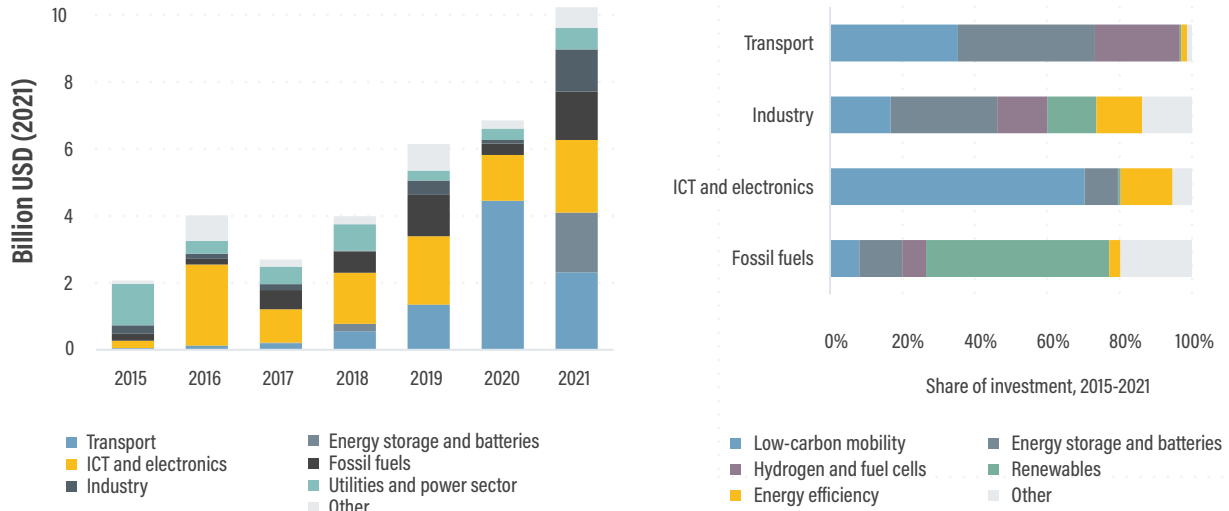


FIGURE 9. Corporate venture capital investment in clean energy start-ups, 2015-2021

Source: See endnote 67 for this section.

Corporate VC investment in clean energy start-ups reaches an all-time high

Corporate VC investment in clean energy start-ups, by sector of corporate investor (left), and by technology area of start-up in which four of these sectors invest (right), 2015-2021

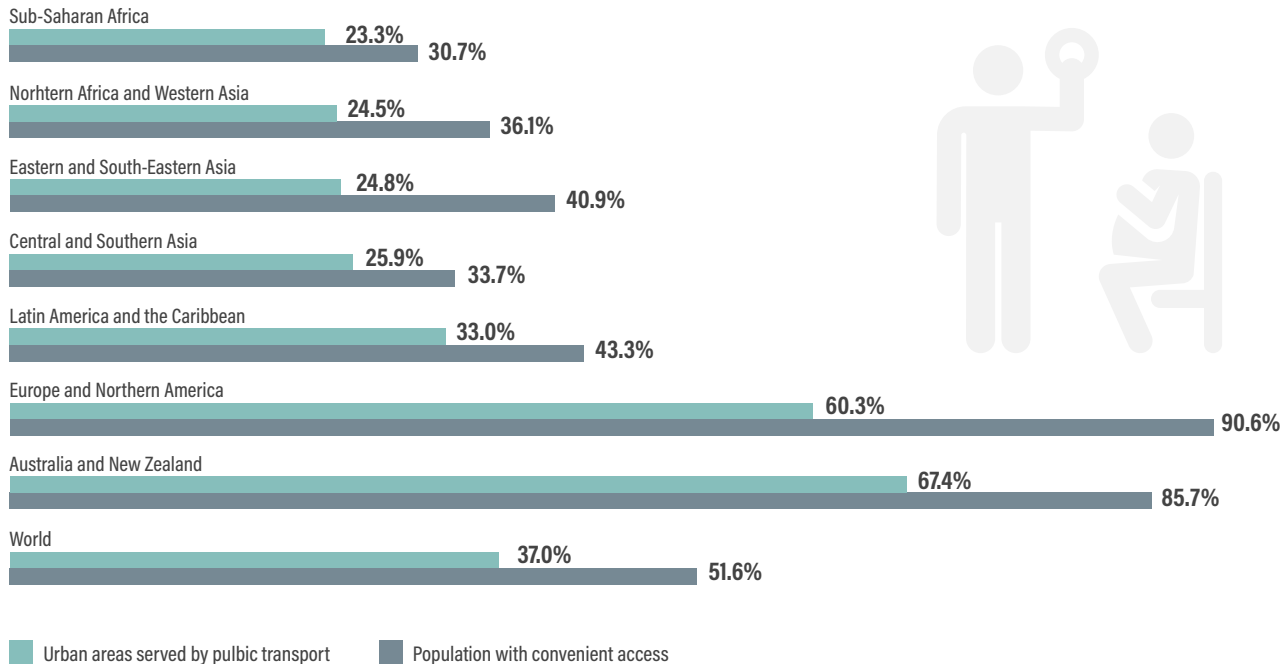


Notes: Includes early- and late-stage deals as defined in the previous figures. Includes only investment by private-sector investors. Where there are several investors, deal value is evenly split across them. ICT = information and communications technology. Left graph: Industry = chemicals, cement, commodities, construction (excluding real estate), iron and steel, and other equipment suppliers; Utilities and power sector = independent power producers, and electricity and renewables equipment and services.

Source: IEA calculations based on Cleantech Group (2022).

FIGURE 10. Public transport coverage and share of the population with convenient access in urban areas, by region, 2022

Source: See endnote 77 for this section.



Note: Based on data from 1,507 cities in 126 countries.

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Spotlight 6

Capacity and Institutional Support to Achieve
Sustainable, Low Carbon Transport

FIGURE 1. Share of cities with planned areas, pre-1900 to 2015

Source: See endnote 2 for this section.

