

INCLUSION

ORGANISING

COMMONING



WRITTEN BY
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ROLES

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Select list of scientific publications by Team Norway from Responsive Organising for Low Emission Societies (ROLES)

Journal articles

- Sareen, S., Smith, A., Gantioler, S., Balest, J., Brisbois, M.C., Tomasi, S., Sovacool, B., Contre-ras, G.T., DellaValle, N. and Haarstad, H., 2023. Social implications of energy infrastructure digitalisation and decarbonisation. *Buildings and Cities*, 4(1), 612-628.
- Sareen, S., Girard, B., Lindkvist, M., Sveinsdóttir, A., Kristiansen, S., Laterza, V., Aguilar-Støen, M. and Langhelle, O., 2023. Enabling a just energy transition through solidarity in research. *Energy Research & Social Science*, 101, 103143.
- Tråsavik, H., Loe, M.R., King, K., and Sareen, S. 2024. Mobility and leisure: Situating emotional geographies of friluftsliv in urban mobility transitions. *Emotion, Space and Society*, 50, 101003.
- Lippert, I. and Sareen, S., 2023. Alleviation of energy poverty through transitions to low-carbon energy infrastructure. *Energy Research & Social Science*, 100, 103087.
- Remme, D., Sareen, S., Haarstad, H. and Rommetveit, K., 2023. Electric Vehicle Paradise? Exploring the Value Chains of Green Extractivism. *International Development Policy*, 16.
- Haarstad, H., Sareen, S. and Wanvik, T.I., 2023. Climate targets as more than rhetoric: Accounting for Norway's Zero Growth Objective. *Journal of Political Ecology*, 30(1), 542-557.
- Sareen, S., 2023. Cross-sectoral metrics as accountability tools for twin transitioning energy systems. *Environmental Policy and Governance*, 33(6), 593-603.
- Sareen, S., Albert-Seifried, V., Aelenei, L., Reda, F., Etminan, G., Andreucci, M.B., Kuzmic, M., Maas, N., Seco, O., Civiero, P. and Gohari, S., 2022. Ten questions concerning positive energy districts. *Building and Environment*, 216, 109017.
- Remme, D., Sareen, S. and Haarstad, H., 2022. Who benefits from sustainable mobility transitions? Social inclusion, populist resistance and elite capture in Bergen, Norway. *Journal of Transport Geography*, 105, 103475.
- Haarstad, H., Sareen, S., Kandt, J., Coenen, L. and Cook, M., 2022. Beyond automobility? Lock-in of past failures in low-carbon urban mobility innovations. *Energy Policy*, 166, 113002.
- Sareen, S. and Waagsaether, K.L., 2022. New municipalism and the governance of urban transitions to sustainability. *Urban Studies*, 00420980221114968.
- Wågsæther, K., Remme, D., Haarstad, H. and Sareen, S., 2022. The justice pitfalls of a sustainable transport transition. *Environment and Planning F*, 1, 2-4, 187-206.
- Sareen, S., Waage, M., Smirnova, P., Boakye-Botah, J. and Loe, M.R., 2022. Double energy vulnerability in the Norwegian low-carbon urban transport transition. *People, Policy and Place* 16, 1, 33-52.
- Sareen, S. and Haarstad, H., 2021. Digitalization as a driver of transformative environmental innovation. *Environmental Innovation and Societal Transitions*, 41, 93-95.
- Sareen, S., Remme, D. and Haarstad, H., 2021. E-scooter regulation: The micro-politics of market-making for micro-mobility in Bergen. *Environmental Innovation and Societal Transitions*, 40, 461-473.
- Sareen, S., 2021. Digitalisation and social inclusion in multi-scalar smart energy transitions. *Energy Research & Social Science*, 81, 102251.
- Sareen, S., Remme, D., Wågsæther, K. and Haarstad, H., 2021. A matter of time: Explicating temporality in science and technology studies and Bergen's car-free zone development. *Energy Research & Social Science*, 78, 102128.

More publications from ROLES

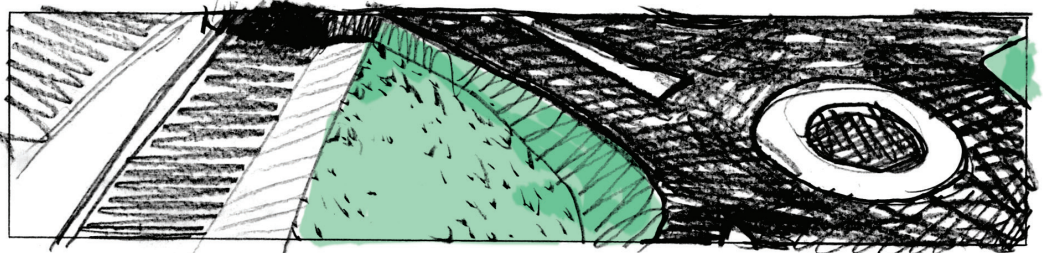
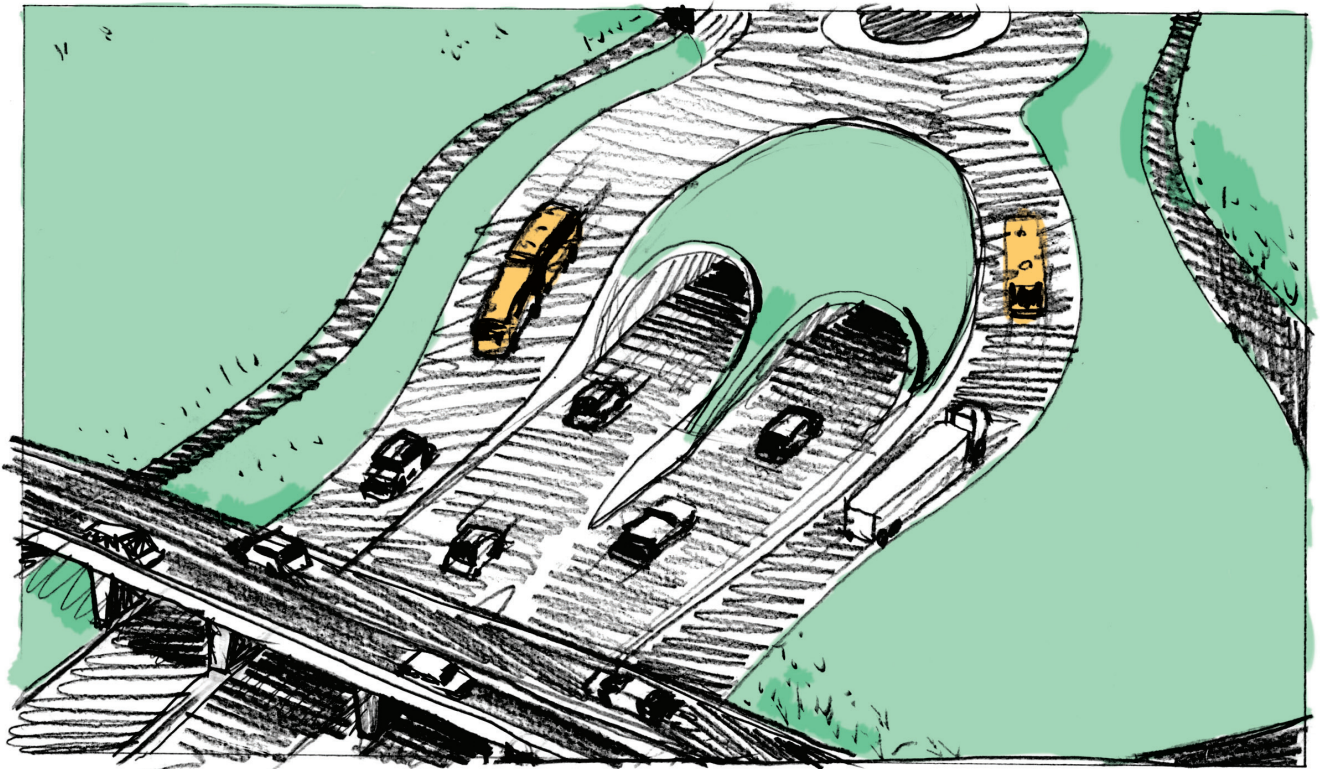
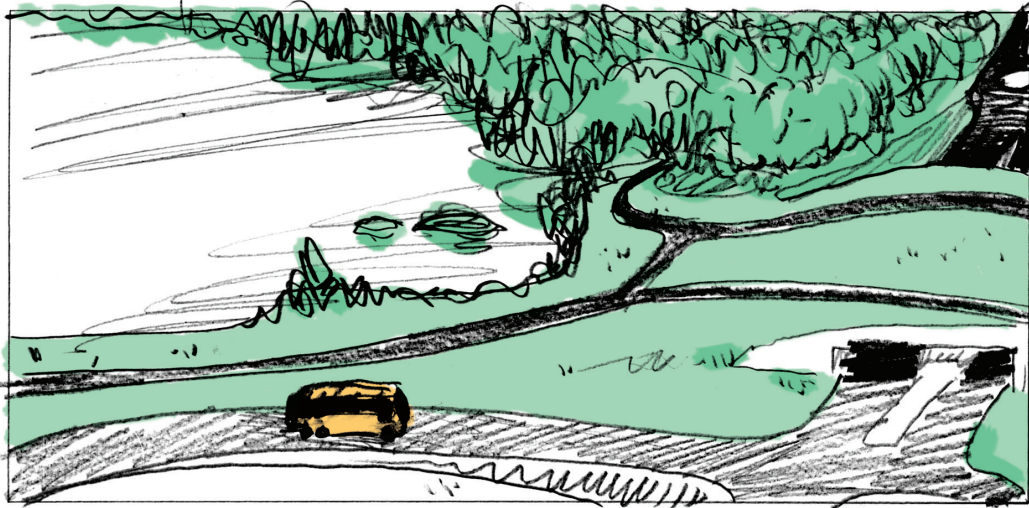
Edited collections

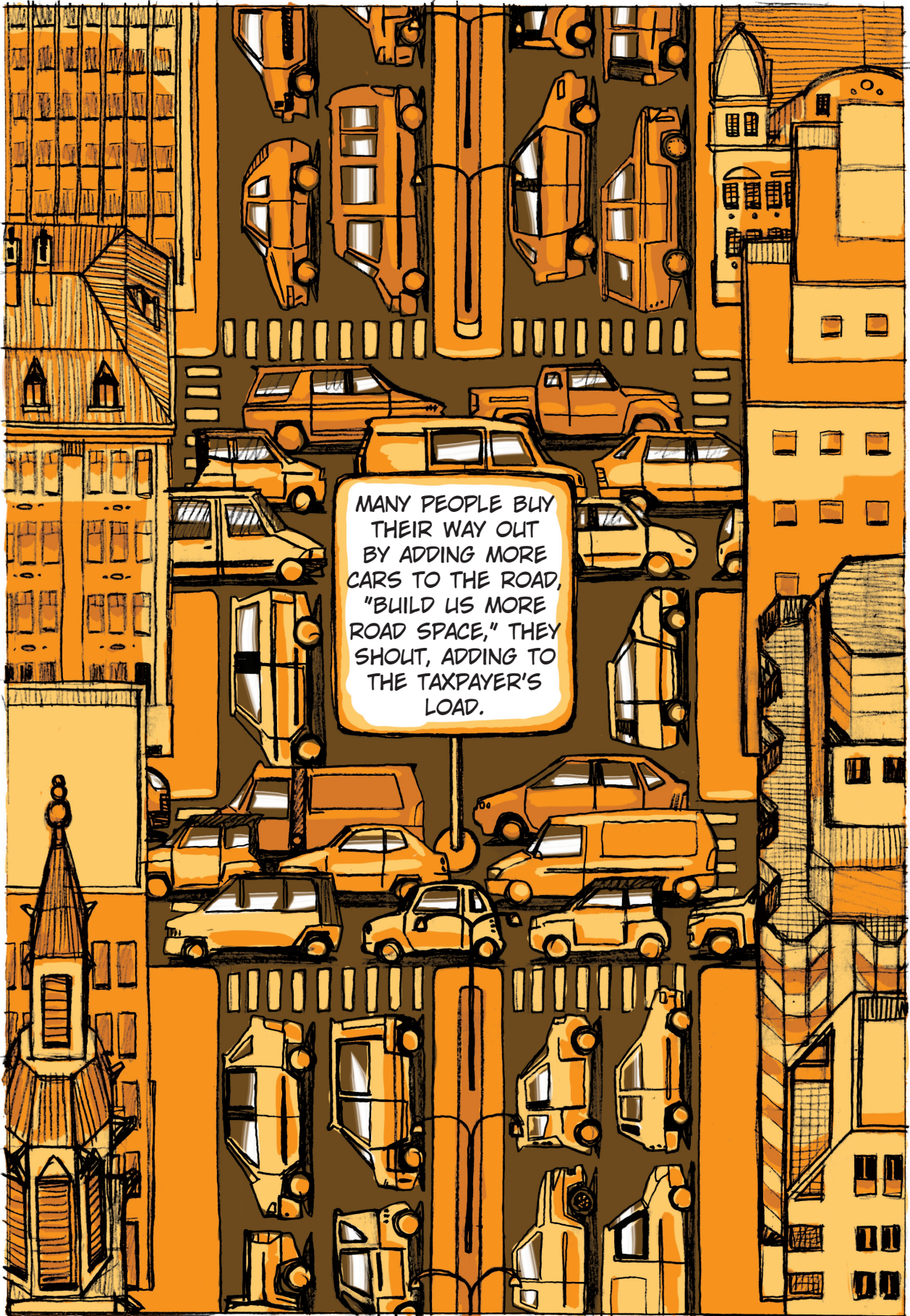
- Sareen, S., Fisker, J.K., Shokrgozar, S. and Sattich, T., 2023. Making low-carbon places. *Norsk Geografisk Tidsskrift-Norwegian Journal of Geography*, 77(3), pp.133-142.
- Sareen, S. and Müller, K., eds., 2022. *Digitisation and low-carbon energy transitions*. Cham: Palgrave Macmillan.
- Sareen, S., Robinson, C., Thomson, H. and Ochoa, R.G., 2022. Urban Energy Poverty and Positive Energy Districts. *Frontiers in Sustainable Cities*, 3, 775705.

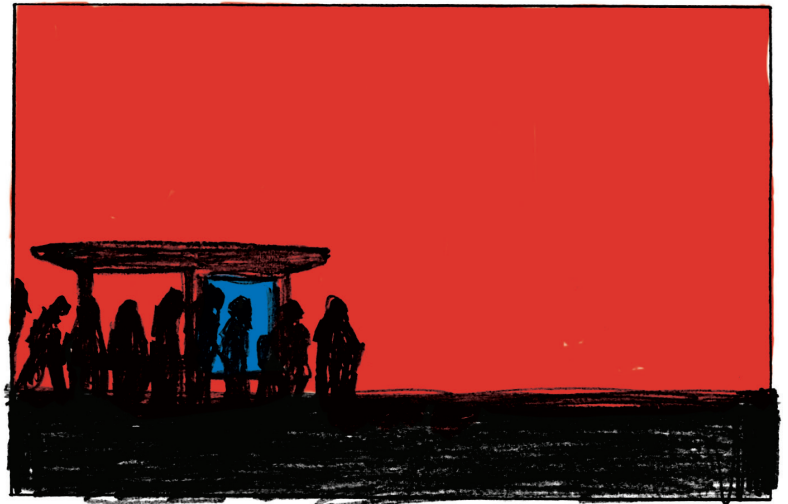
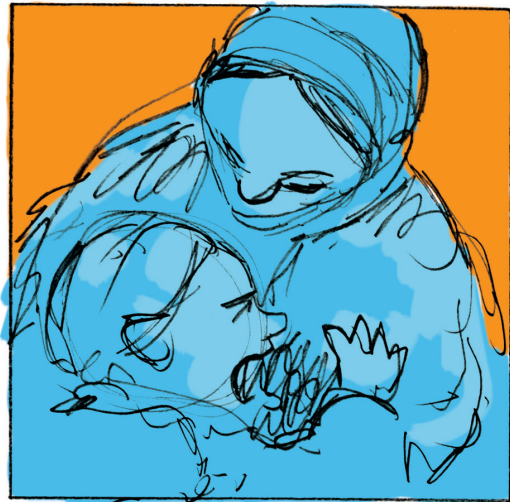
Book chapters

- Sareen, S. 2023. Realising urban imaginaries of Eden: Green transport access in Stavanger. In (ed. J. M. Carey) *Eden and Everything After*. Stavanger: Archeological Museum.
- Sareen, S., Remme, D., Nordholm, A. and Wågsæther, K., 2022. A mixed methods engaged study of divergent imaginaries in Bergen's mobility transition. *Energy Transition in the Baltic Sea Region: Understanding Stakeholder Engagement and Community Acceptance*, 225-247.

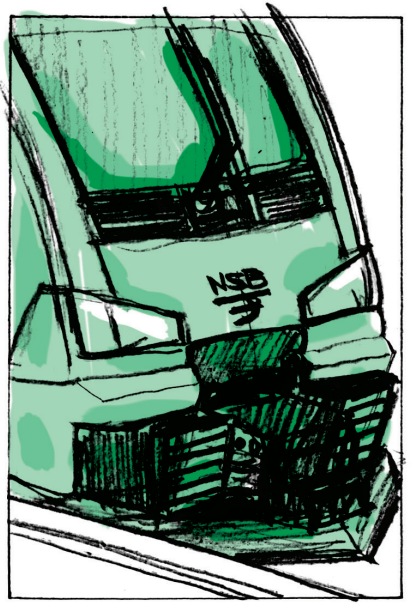
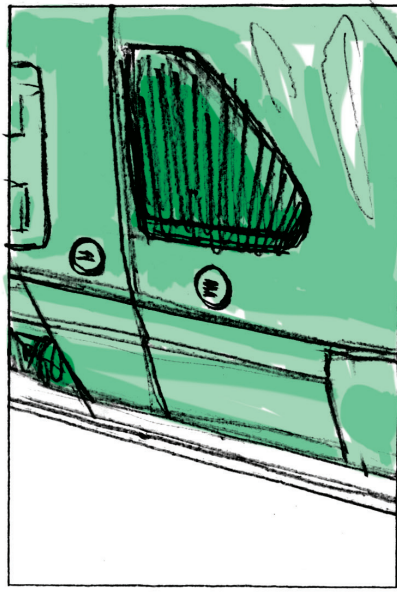
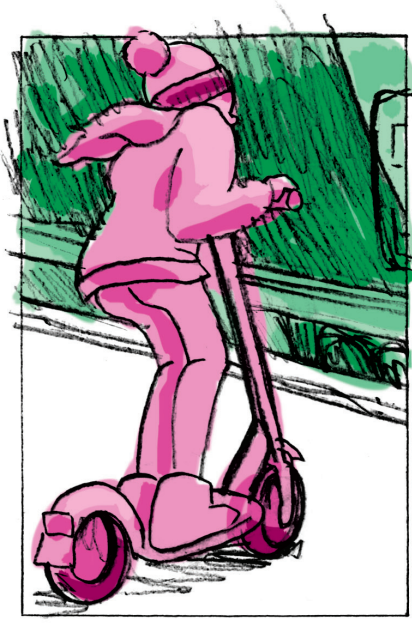
IN HUNDREDS OF EUROPE'S MIDSIZED CITIES LIKE BERGEN OR STAVANGER IN NORWAY PUBLIC TRANSPORT LACKS THE DENSITY TO STITCH TOGETHER YOUR DAY.



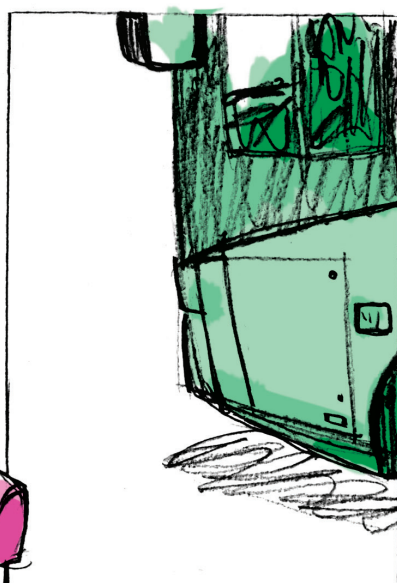
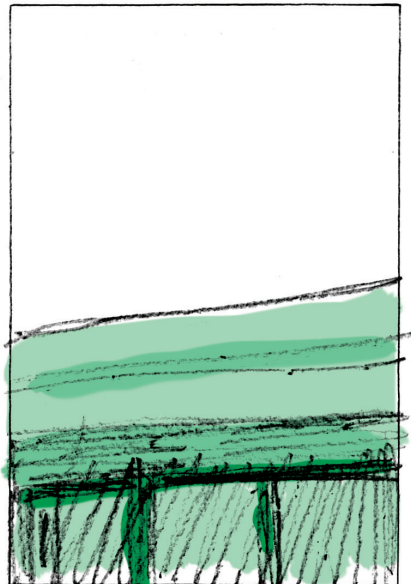
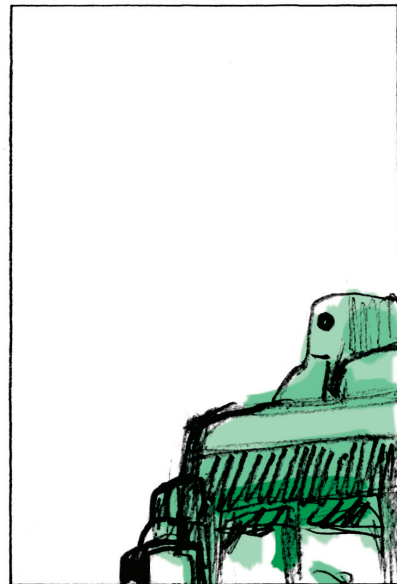


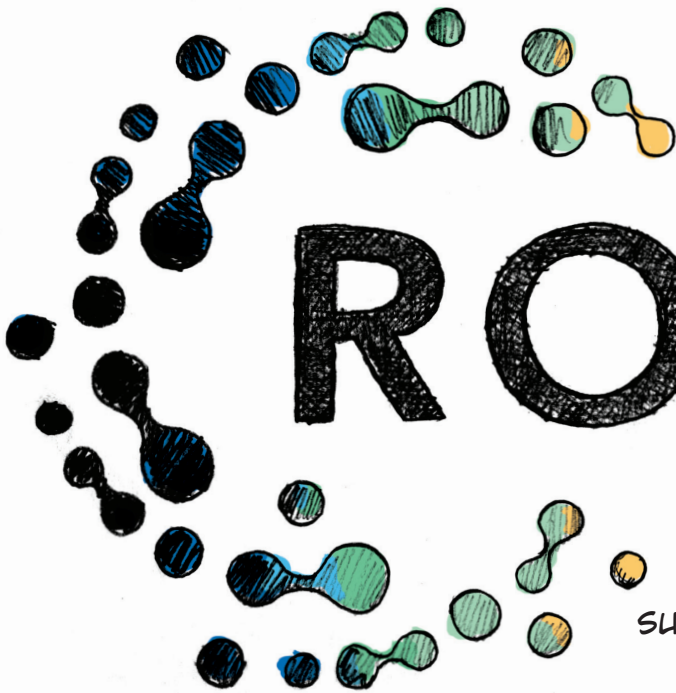
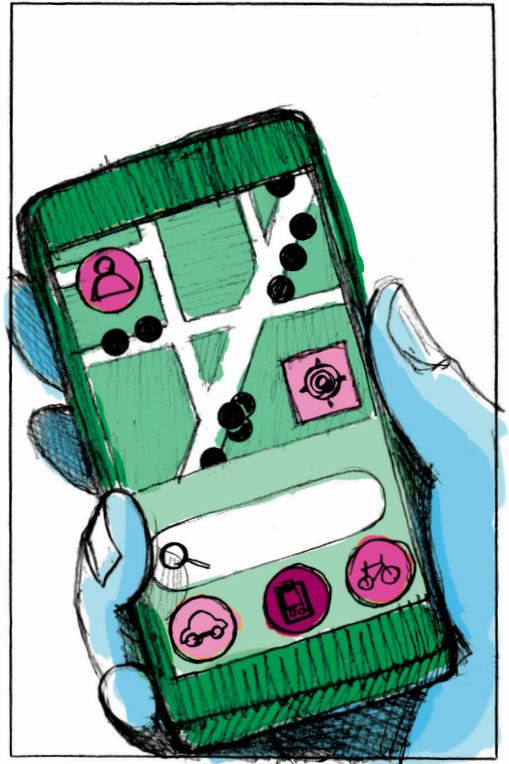
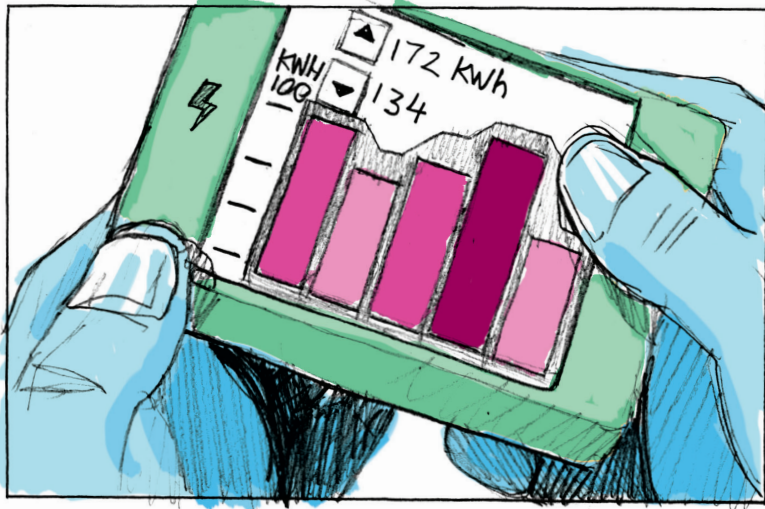


THIS LEAVES THE CAR-FREE MINORITY
WITH BUSES FEW AND FAR BETWEEN,
POOR LINKS ACROSS PARTS OF THE CITY,
TRANSFERS THAT ARE RARELY SEEN.



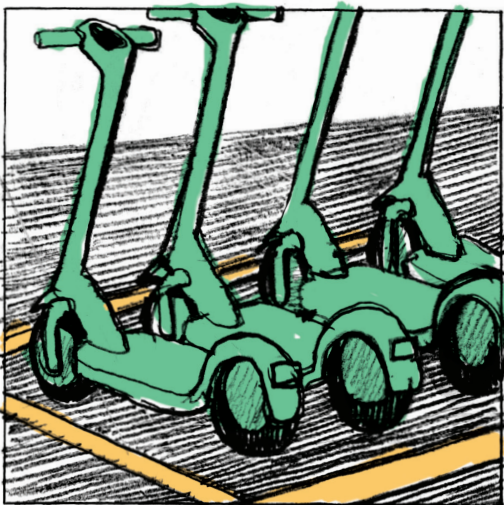
DIGITALISATION
HELPS TO SOME
DEGREE
COBBLING TOGETHER
MULTIPLE MODES,
TRAINS, BUSES AND
E-BIKES CAN BE
COMBINED TO EASE
COMMUTING LOADS.

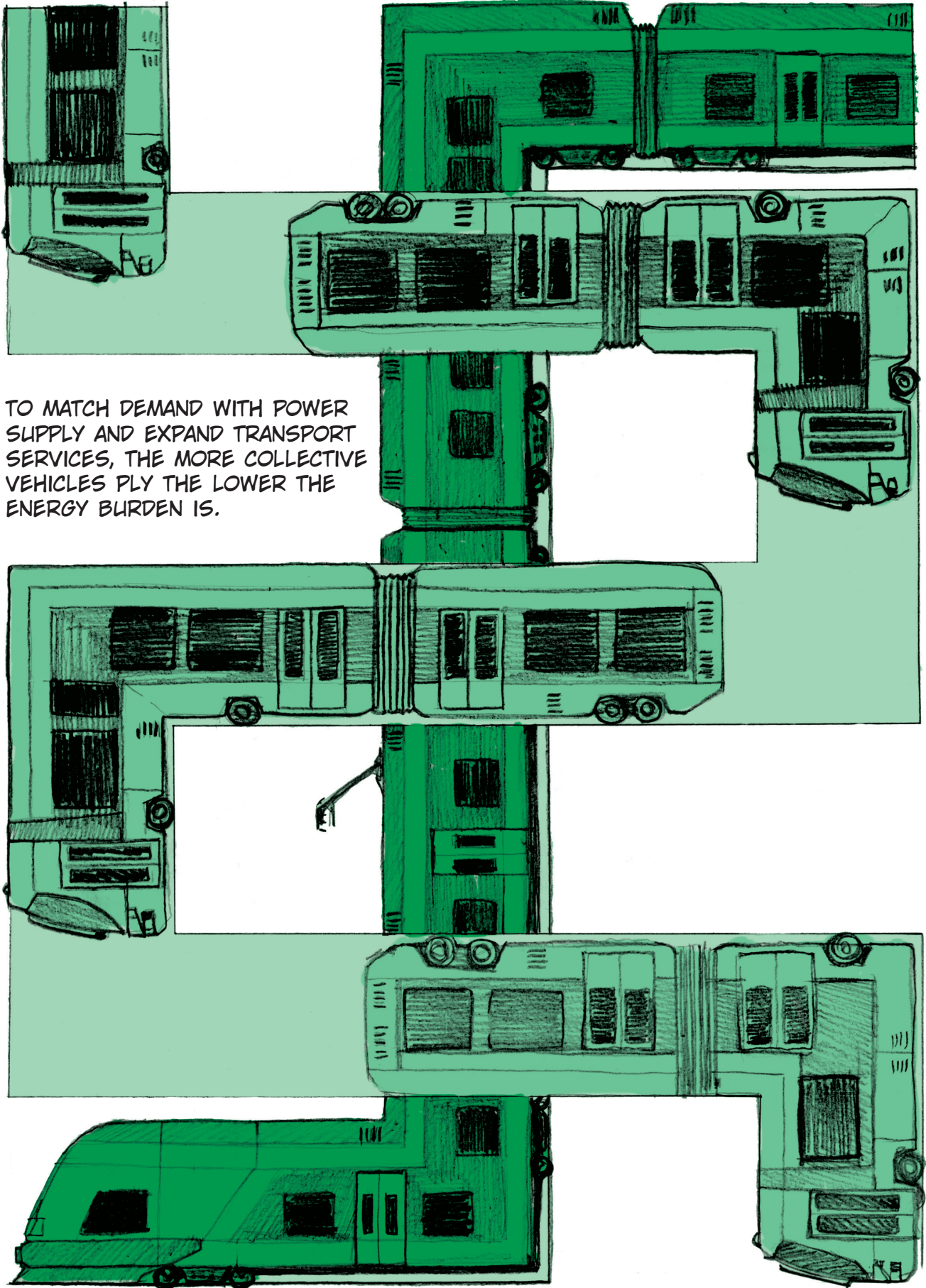




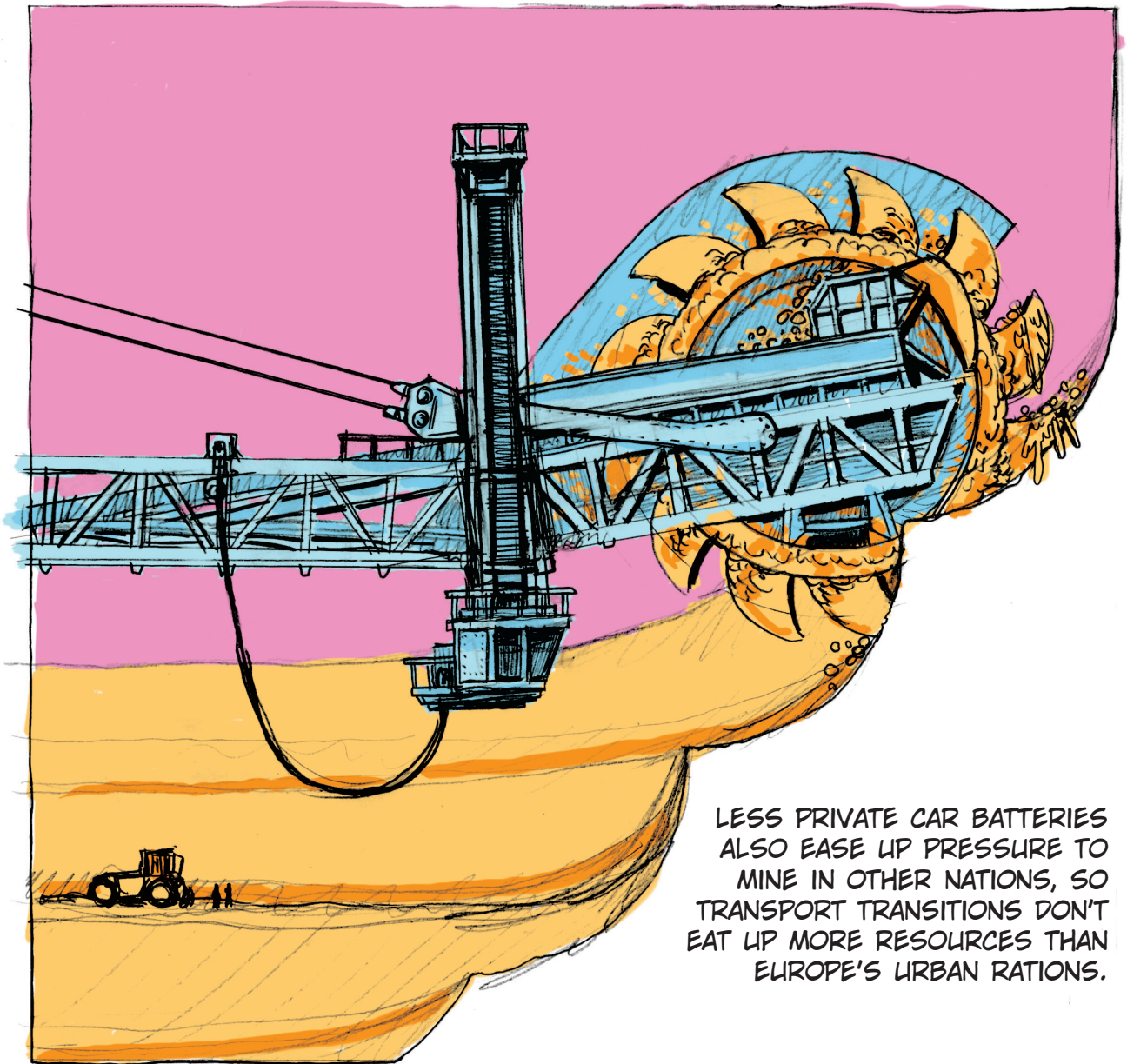
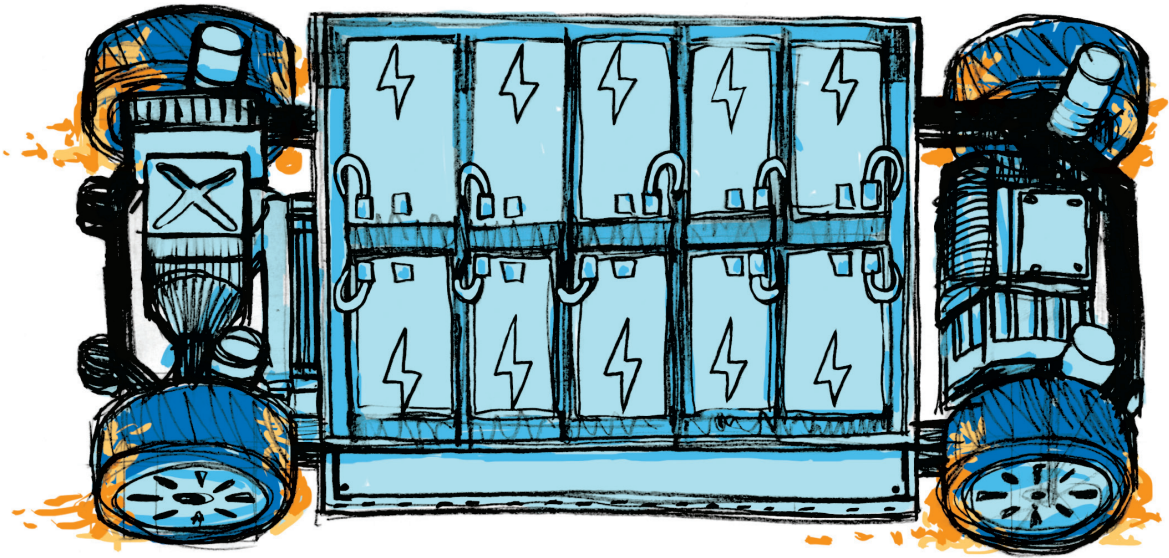
ROLES

TO MOVE AWAY FROM FOSSIL FUELS
 THESE VEHICLES ARE ELECTRIFYING,
 SUPPORTED BY SMART CHARGING TOOLS,
 SYSTEM COORDINATORS ARE TRYING





TO MATCH DEMAND WITH POWER SUPPLY AND EXPAND TRANSPORT SERVICES, THE MORE COLLECTIVE VEHICLES PLY THE LOWER THE ENERGY BURDEN IS.

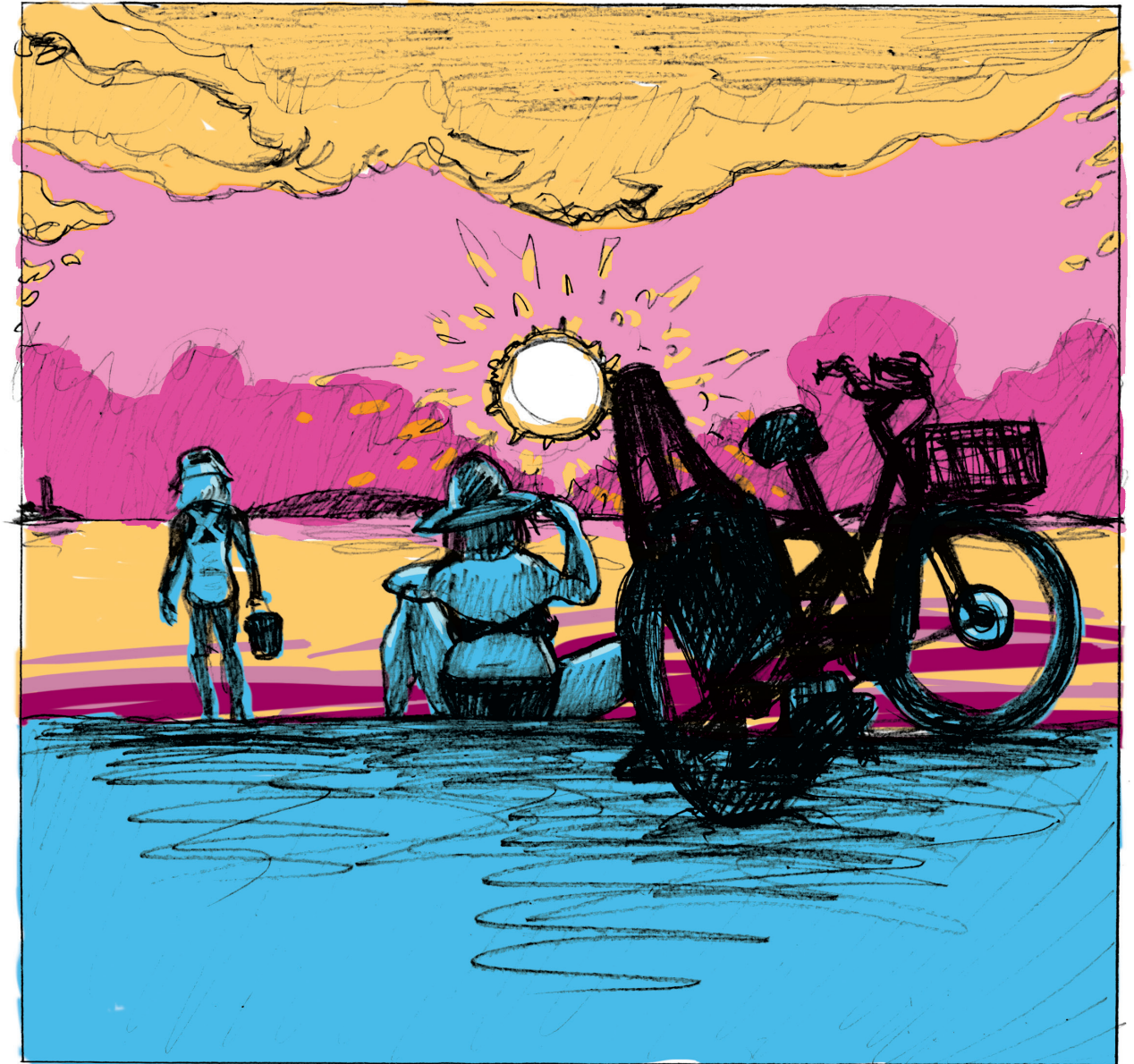
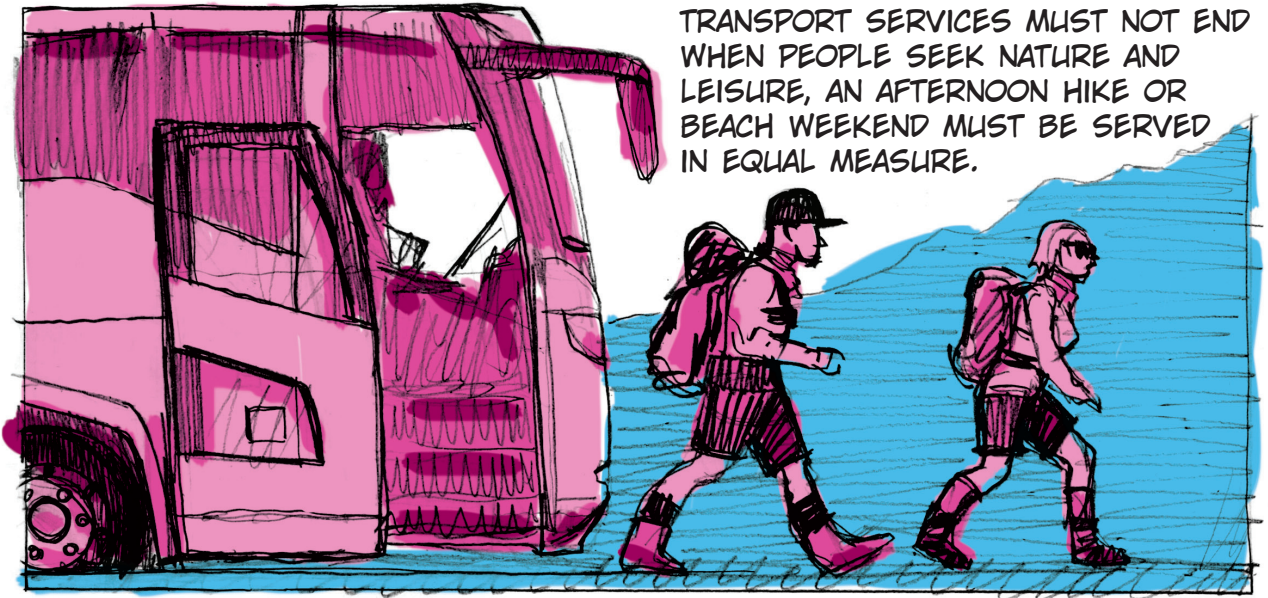


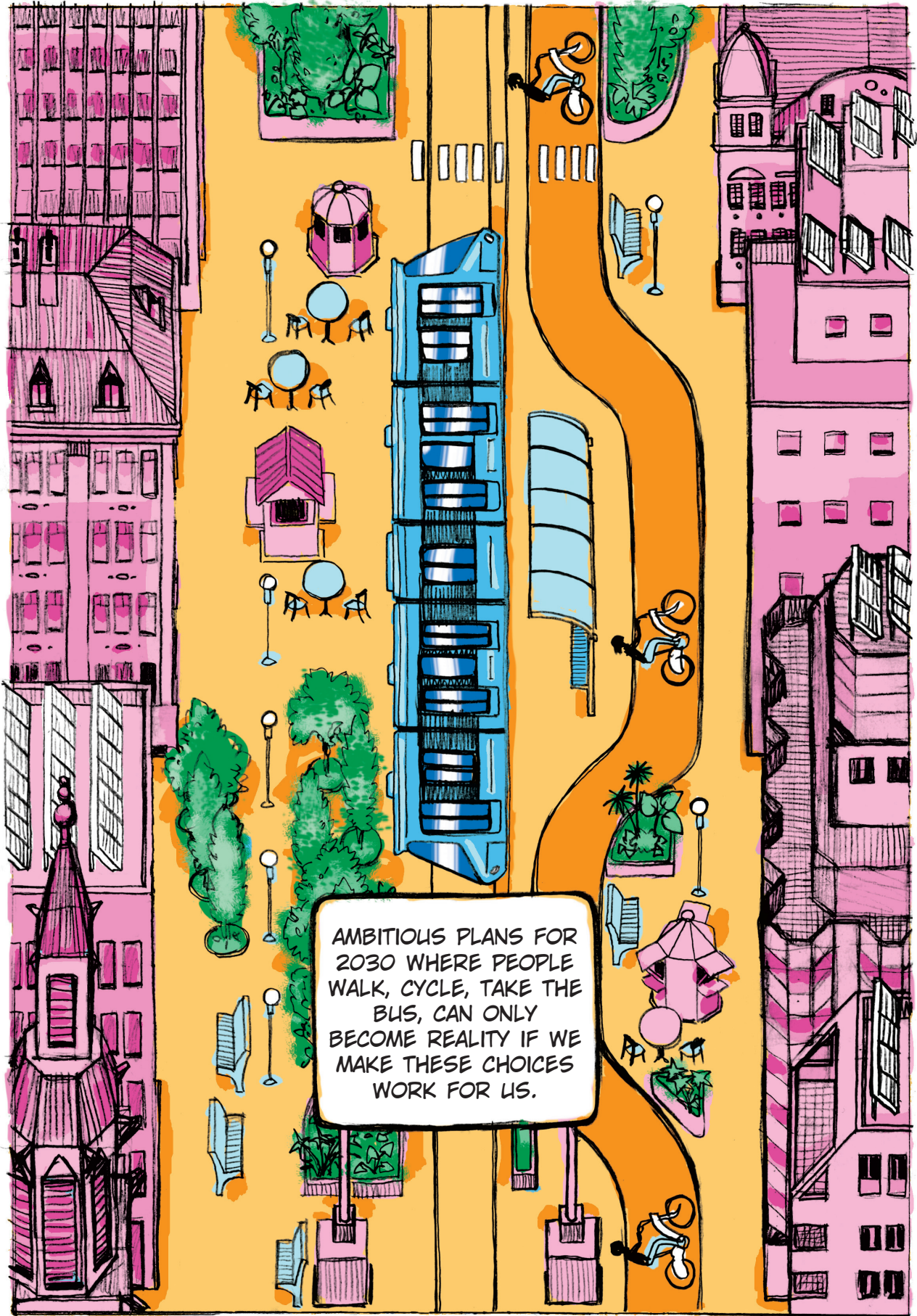
LESS PRIVATE CAR BATTERIES
ALSO EASE UP PRESSURE TO
MINE IN OTHER NATIONS, SO
TRANSPORT TRANSITIONS DON'T
EAT UP MORE RESOURCES THAN
EUROPE'S URBAN RATIONS.



E-BIKES TURN A HILLY LANDSCAPE INTO ENJOYABLE COMMUTER TRACKS,
SUSTAINABLE TRANSPORT POLICY CAN SHAPE CITIES WHERE PLANNERS
HAVE OUR BACKS.

TRANSPORT SERVICES MUST NOT END
WHEN PEOPLE SEEK NATURE AND
LEISURE, AN AFTERNOON HIKE OR
BEACH WEEKEND MUST BE SERVED
IN EQUAL MEASURE.





AMBITIOUS PLANS FOR
2030 WHERE PEOPLE
WALK, CYCLE, TAKE THE
BUS, CAN ONLY
BECOME REALITY IF WE
MAKE THESE CHOICES
WORK FOR US.

A note about the ROLES project and this comic book

This comic book is an art-science collaboration made possible through the Responsive Organising for Low Emission Societies (ROLES) project, which undertook engaged ethnographic research during 2020-2023 in Bergen and Stavanger in Norway. The project was funded by the Joint Programming Initiative Climate in partnership with the Research Council of Norway and national funding bodies in the UK and Italy through the SOLSTICE call on enabling societal transformation in the face of climate change. Research was undertaken by a team at the University of Bergen, University of Stavanger, University of Sussex and EURAC Research. ROLES was a no fly project, where we worked locally, held monthly online meetings as an international consortium, and undertook a single in-person consortium meeting using surface transport to convene in Groningen. We formed friendships and collaborated successfully.

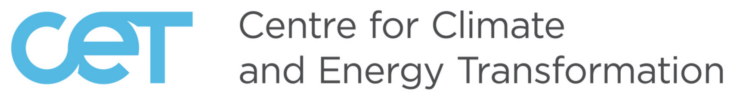
The project produced many publications in and across case studies on smart local energy systems (with an emphasis on solar energy) in Brighton in the UK, on smart electric meters and grids in Trento in Italy, and on smart urban transport in Bergen and Stavanger in Norway. It also featured more than ten Master theses and hosted interns, thus building capacity to enable actionable knowledge, and even led to concrete changes in policy. Team members conducted and contributed to a wide range of public events. Throughout its multi-pronged approach to enabling societal transformation, the project was centred on how the twin transition of digitalisation and decarbonisation could take place in a socially inclusive manner. This comic book shines a light on the key insights from Team Norway on urban transport. Like the overarching thrust of ROLES, these insights are summed up in the mantra of 'Inclusion, Organising, Commoning' reflected in the title of this comic book. Promoting these principles with science outreach through transdisciplinary collaboration is vital in order to engage with and mobilise diverse publics.

The poem, in ten stanzas, captures the essence of the many hundreds of thousands of words used in the peer-reviewed scientific publications from ROLES. Our hope is that policymakers, transport users, urban planners, and transport authorities will resonate with the key messages and their underlying philosophy. The decisions needed for socially inclusive, common urban transport futures are in our grasp. In the solarpunk spirit of this comic book and its companion textile art by Margrethe Brekke featuring the same poem, we close with a request to readers to engage in 'responsive organising' for commoning.

This comic book was made possible due to the generous support and efforts of many institutions.



UNIVERSITY OF BERGEN



LEO RIBEIRO ART
illustrasjon - animasjon - tegneserier