

Call for country case studies

Topic: Crises Management in Urban Transport Systems

In recent years, transport systems face unprecedented impacts of various crises, including the COVID-19 pandemic, armed conflicts, natural catastrophes or economic crisis (sometimes overlapping). The urban transport sector is heavily reliant on fossil fuels that accounted for over 90% of its energy demand in 2020. Despite of noteworthy decarbonisation efforts, a global turnaround is not in sight, thus exposing the functioning of cities and businesses to risk in case of **fluctuating fuel supply** and **energy prices**. Simultaneously, the sector faces the **looming threat of climate risks** impacting transport infrastructure in the coming years.

The question arises: **How can decision-makers, transport operators, and logistics companies effectively prepare for, manage, and enhance resilience in the face of such crises?**

TUMI is developing a Technical document, based on extensive research and expert interviews done in 2023. It will delineate measures and strategies for responding to crises by a comprehensive management framework. This includes a discussion on (appropriate and counterproductive) actions in the short- and long-run.

We call for your input to incorporate case studies from diverse regions, examining how cities globally responded to crises in the transport sector. By analysing real-life cases, decision-makers can glean valuable insights for effective crisis management. These case studies shall offer a nuanced perspective, guiding the development of adaptable resilience-building approaches. The diverse experiences showcased will inspire innovative solutions for the unique challenges faced by different regions in navigating urban transport systems through crises.

The case studies will underpin the advantage of sustainable transport systems over fossil systems for societies and the economy – creating a powerful narrative for the necessary sustainability transformation.

Possible crises scenarios can be the following:

- Pandemics and/or epidemics
- Natural catastrophes and climate risks
- Fuel supply and price shocks
- (Civil) war and/or political unrest

Please let us know beforehand which scenario(s) your input will focus on so we can diversify the case studies. Below, you will find the information we need from you. Kindly save a copy and fill in your insights. Two-pages will suffice, you may add further sources and images.

Your contribution will be properly acknowledged and quoted as contributing case study author(s).

Please reach out and share your inputs with mathias.merforth@giz.de and info@transformative-mobility.org

Structure and guiding questions

Type of Crisis

Briefly describe which crisis/crises hit the city or country of your expertise. Explain the impact on the transport sector and its impact on people and businesses.

Response

What was the response of the national and local governments to the impact of the crises on the transport sector? How do you assess the preparedness of the city's management and the urban transport system itself? Could the city or country rely on emergency response plans and coordination mechanisms? Which measures were implemented to alleviate the impact on transport systems? Which alternative measures were discussed and eventually not implemented (and why)?

Results

What were the (immediate) consequences of the implemented measures? What could have been improved? Which unintended or accepted secondary impacts (positive or negative) could be observed?

Reflection

How effective and appropriate were the measures taken? Which measures were discussed but not implemented? What were the reasons? What was the public opinion and what did the voices from marginalized communities say about (not) implemented measures? Kindly include your own views as well as perspectives from the urban community.

Long-Term Strategies

Did the city or national government employ long-term strategies for future crises? If so, which ones? If not, how come?

Further resources

If available, please link any interesting reports, articles and more.