

Sustainable urban mobility: strengthening car sharing and car-pooling initiatives in Central Asia

UNECE Sustainable Transport Division



UNECE

“Strengthening the capacity of Central Asian countries to develop sustainable urban mobility policy on car sharing and car-pooling initiatives”

Project timeframe: June 2019 – December 2022

Target countries: Kazakhstan, Kyrgyzstan, Tajikistan

Address the challenges of **sustainable development of mobility and inland transport**, particularly within the context of the **2030 Sustainable Development Agenda** and the Sustainable Development Goals

Sustainable Development Goals



Ensure healthy lives and promote well-being for all at all ages
(targets 3.6 and 3.9)



Make cities inclusive, safe, resilient and sustainable
(target 11.2)



Take urgent action to combat climate change and its impacts
(target 13.2)

Improved **understanding of national policy** makers in Central Asia on the core requirements for the **introduction of car sharing and car-pooling initiatives**

Deliverables

- ***Desktop analysis*** of car sharing and car-pooling services globally containing good practices, and lessons learned
- ***Guidelines*** on the creation of car sharing and car-pooling services based on the desktop analysis adjusted to the needs of the Central Asian countries and selected target cities
- ***Subregional workshop*** to discuss the findings of the desktop analysis and validate the draft guidelines.

Improved capacity of national and local policy makers in Central Asia to develop and implement **sustainable transport policies** focused on car sharing and car-pooling initiatives

Deliverables

- ***ForFITS assessment*** for each of the three target cities (demonstrate the likely impact of these car sharing and car-pooling initiatives in the framework of a wider shift towards sustainable transport)
- ***Material for pilot projects*** in Kazakhstan, Kyrgyzstan and Tajikistan to set up car sharing and car-pooling services in their capital cities
- ***Subregional workshops*** to discuss the pilot projects and to update the guidelines according to the lessons learnt

- The importance of shared mobility services for **transport and environment**
- Analysis of the **current situation in the markets of car sharing and carpooling services** in Western Europe, Asia and North America
- Comparative analysis of the **legal context**
- **Case studies** of car sharing/carpooling initiatives
- **Challenges** related to car sharing and carpooling services
- Potential usage of the learned experience in the **priority countries of Central Asia** (Kazakhstan, Kyrgyzstan and Tajikistan)

Desktop Analysis and Guidelines

Potential usage of the learned experience in the priority countries of Central Asia (Kazakhstan, Kyrgyzstan and Tajikistan)



Lessons learned / limitations and possible solutions

Limitations:

- Local traditions of purchasing and using a private car
- Lack of awareness about car sharing benefits
- Competition with taxis, minibuses, car rental, etc.
- Need for significant investment when launching car sharing activity
- Low income of the population

Possible solutions and opportunities

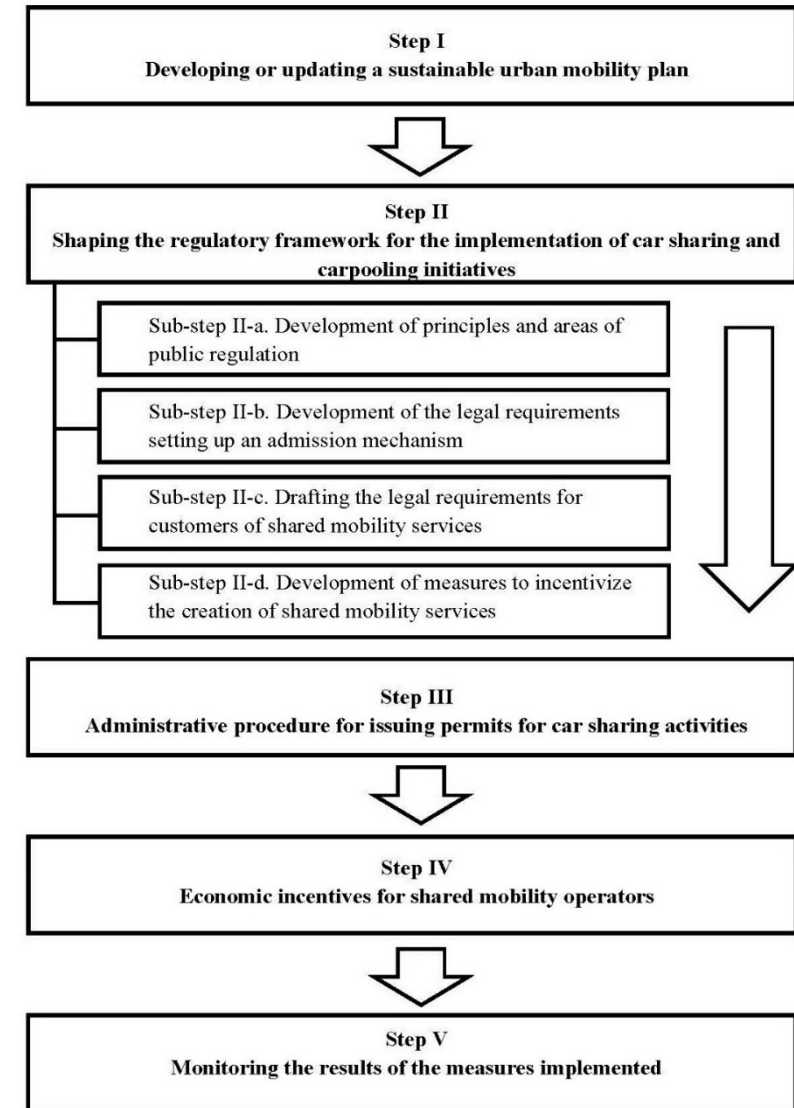
- Adoption of digital technologies and platforms
- Spread of shared economy models
- Adoption of a relevant regulatory framework

Desktop Analysis and Guidelines

Potential usage of the learned experience in the priority countries of Central Asia (Kazakhstan, Kyrgyzstan and Tajikistan)

Guidelines for the local and national authorities on the creation of car sharing and carpooling services

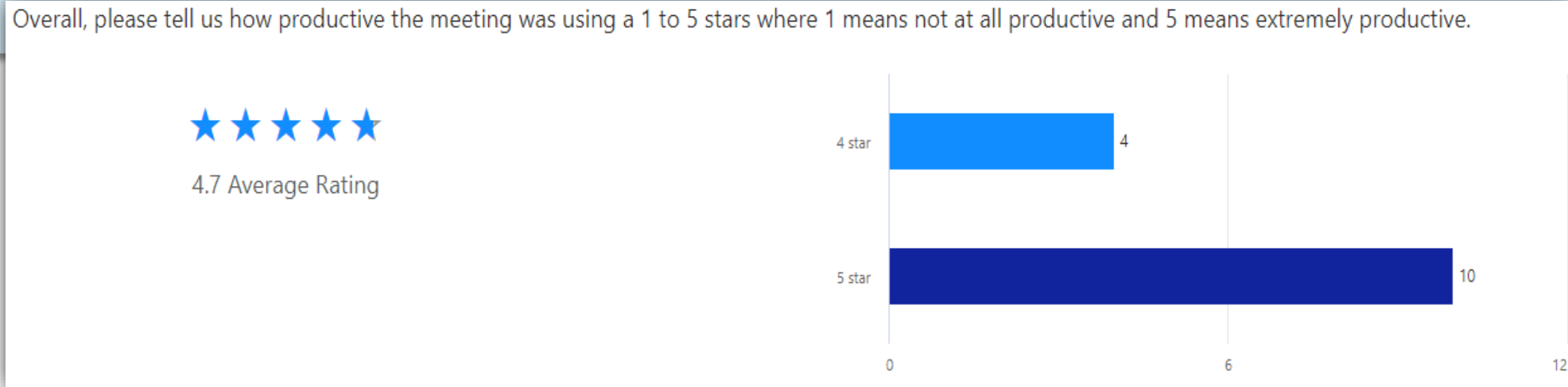
1. Develop or update a **sustainable urban mobility plan**
2. Shaping the **regulatory framework** for the implementation of car sharing and carpooling initiatives
3. Set administrative procedure for issuing **permits for car sharing activities**
4. Propose **economic incentives** for shared mobility operators
5. **Monitoring** the results of the measures implemented



8 October 2021

Workshop dedicated to urban mobility, car sharing and car-pooling in Central Asia with transport experts and representatives of Azerbaijan, Georgia, Kazakhstan, Kyrgyzstan, the Russian Federation, Serbia, and Tajikistan.

The workshop participated in strengthening the capacities of national representatives on the good practices and lessons learned from urban mobility, car sharing and car-pooling initiatives.



2022

Meetings with several stakeholders in Kazakhstan (30 June 2022), Kyrgyzstan (17 May 2022) and Tajikistan (20 September 2022) to discuss how to set up possible pilot projects:

- **public authorities:** local (mayor's offices) and national (representatives of the transport ministries),
 - **transport associations, national chambers of entrepreneurs,**
 - **transport specialists and educational institutions** (Technical University in Bishkek, Academy of Logistics and Transport in Nur-Sultan, Tajik Technical University in Dushanbe).
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- Presentation of the project
 - Involvement of local public authorities
 - Collection of information about the current legislative frameworks and policies in place in these three countries.
 - Raising awareness about sustainable transport mobility and lessons learnt

Conclusion

Next steps

- Material for pilot projects on facilitating the implementation of car pooling and car sharing services
- Final workshop to discuss the projects outputs and discuss the guidelines