Challenge Report
Team Road B

Background
Challenge
Presentation
Team Members
20th ASEF Summer University (ASEFSU20)
Gateways to Asia and Europe: Connectivity by Land, Sea and Air

Background

The 20th ASEF Summer University (ASEFSU20) was held from 15 August – 3 September 2016 across China, Mongolia and the Russian Federation on the theme “Gateways to Asia and Europe: Connectivity by Land, Sea and Air”. 47 participants representing 45 ASEM partner countries joined the 3 week educational journey and solved real-life challenge scenarios on the topics of connectivity and transportation linked with 4 major transportation modes: 1) road, 2) rail, 3) maritime, and 4) air.

The route included Beijing, Harbin, Vladivostok, Chita, Irkutsk and Ulaanbaatar, and each of the 6 cities visited focused on a different facet of connectivity. Participants attended lectures, trainings and workshops on the specific topic and also simultaneously explored it hands-on through site visits to historically important locations, transportation hubs and commercial centres.

The participants, carefully chosen from 8,222 applicants, developed business plans, mobile applications, social media strategies, policy briefs and promotional materials on the 9 following challenges:

- Safe transportation of cultural artifacts
- Accessibility to public transport for physically disabled people
- Green logistics
- Spread of infectious diseases through increased air traffic
- Security at railways
- Sustainable ecotourism
- Frameworks on the management of autonomous underwater vehicles
- Combat of human trafficking at major transportation hubs
- Enhancing the visibility of the ASEM Transportation Ministers’ Meeting (ASEM TMM).

Organised by the Asia-Europe Foundation (ASEF), the ASEFSU20 journey was made possible due to the joint efforts of many partners involved in this project: the Ministry of Foreign Affairs of the People's Republic of China, the Ministry of Foreign Affairs of Mongolia, the Ministry of Foreign Affairs of the Russian Federation, the Ministry of Education and Science of the Russian Federation, Beijing Jiaotong University, Harbin Institute of Technology, Vladivostok State University of Economics and Service, Transbaikal State University, Irkutsk State University, Mongolian Youth Federation and Ulaanbaatar Railway Joint Venture Company. The project was also supported by the Far Eastern Federal University, Russian Railway Tours, UNICEF, Heiko Seibel Fotographie, Fraport AG, Subnero, Safehouse Foundation, Chester Beatty Library, the European Network on Independent Living among many others.
Challenge
Team Road B

#accessibility #inclusion #connectivity
How can access to road transportation modes be improved for people with physical disabilities, in particular in rural and remote areas?

#accessibility #inclusion #connectivity
Mobility is key to a person’s participation and integration in social, economic, and political life. Mobility, understood as access to public or private transportation, is however not always equally granted. This can be linked to location, income level, gender, age, disabilities, etc. This ASEFSU20 challenge focuses on and combines two of these elements: disability and location.

About 15% of the world’s population lives with a permanent disability1 of some form. (“Disability and health,” World Health Organization.) In Europe alone, over 80 million people have a long-term physical, mental, intellectual or sensory impairment. About 5 million of them are wheelchair users. (Ebels, “Disability in figures,” EU Observer.) In addition, almost all people will at one point in life face some sort of temporary disability, be it caused by an unfortunate incident such as illness or accident or simply age, which will affect his or her mobility.

When it comes to physical disabilities, limitations in public or private road transportation arise from a number of challenges: physical or information barriers, a lack of systematic and cross-sectorial policy planning, insufficient standardisation across transportation modes, expensive technological solutions or limited awareness on disabilities and ways of inclusion by staff, amongst others.

When it comes to location, limitations in road transportation mainly arise from the level of development and connectivity in public transportation – generally, public transportation is better developed in cities. On the other hand, rural or remote areas see less frequent, available (e.g. nights and weekends) or accessible (inconvenient locations) public transportation means. If this coincides with low levels of private vehicle ownership, there is an even greater disadvantage for physically disabled people in participating and integrating in aspects of social, economic and political life.

The European Network on Independent Living (ENIL) has identified the sector of transportation as a crucial area to promote equal opportunities for persons with disabilities for their social, economic and political inclusion.

Your Mission: Your mission is therefore to come up with out-of-the-box, creative solutions like apps, campaigns, policy recommendations, environmentally-friendly initiatives, etc., to improve road transportation for people with physical disabilities, in particular in rural and remote areas.

1) The term persons with disabilities is used to apply to all persons with disabilities including those who have long-term physical, mental, intellectual or sensory impairments which, in interaction with various attitudinal and environmental barriers, hinders their full and effective participation in society on an equal basis with others.
Information on disabilities:


Accessibility in Road Transportation for physically disabled people, rural areas

Qiqi, Jorge, Damien, Julia, Daniel, Anzor
INTRODUCTION

➤ European Network Independent Living
➤ Multidisciplinary challenge
➤ 3 approaches – policy, urban planning, technological
➤ Different contexts – developed/developing countries – different solutions
➤ Policy – a check list that can serve as a standard to assess the accessibility of transportation
➤ Urban planning – a handbook with elements to take into consideration while building and developing transportation
➤ Technological – an app which allows people with disabilities to use assistive technology to facilitate transport
Legal framework

➤ CRPD
➤ Article 9 transportation
➤ Interlinked
Checklist

➤ Inspired by WHO Age-friendly cities
➤ Developed to assess accessibility
➤ Aims at raising awareness to the general public
➤ Example – imagine your way to work
Infrastructure Development

- Equal opportunities for Majority and the Minority.
- Integration of disabled people into society.
- Motivation for using of public transportation
➤ Urban design considerations
➤ Architectural design considerations
➤ Building design
Problems

Implementation

Proposal

➤ A separate inclusive platform among ASEM countries focusing specifically on infrastructure development for disable people should be made.
People are not disabled but cities are disabling them.
MOBEEZ | ENABLING PEOPLE
WHAT DO WE DO?

LOCATION ACCURACY

EMPOWERMENT TOOL

UNIVERSAL DESIGN

IMPROVE MOBILITY FOR EVERYONE
MOBEEZ APP
PROTOTYPE

WELCOME SCREEN

SIGN UP SCREEN

START SCREEN

ROUTE PREVIEW

MOBEEZ ENABLING PEOPLE

Full Name

Date of Birth

☐ Deaf
☐ Sight impaired
☐ On a wheelchair
☐ Limited mobility
☐ I am not disabled
MOBEEZ APP
PROTOTYPE

ROUTE PREVIEW

MARKING OBSTACLES

REPORTING OBSTACLES DETAILS

THANKS for your help blabla

THANK YOU MOBEEZ COMMUNITY

Pavement NFW
- Missing ramp
- Ramp too inclined
- Crossing NFW
- Missing walkable pavement

Comments:
blabla...

SEND
HOW BEACONS WORK?
Thanks for listening
TEAM MEMBERS

Ms CHEN Qiqi
China
Peking University

Qiqi currently pursues her Master's in China Studies with a concentration in Chinese diplomacy at the Yenching Academy in Peking University. She also interns at the United Nations Development Programme (UNDP) in China where she focuses on “One Belt, One Road” initiatives and the G20, projects that serve to promote global connectivity. Qiqi previously interned at Xinhua News Agency where she reported and edited news on the second-child policy and the trade promotion meetings between China and Central and Eastern European countries.

Mr Damien SUEUR
France
Institut Français du Royaume-Uni

Damien has worked in Cambodia, France, Mexico and the United Kingdom. Throughout his studies and career he has connected audiovisual storytelling with inter-cultural cooperation. His latest activity was the development of an international multimedia project together with Oscar-nominee filmmaker Rithy Panh about extreme poverty, whilst also training Cambodians in audio-visual and new media techniques. Damien also teaches trans-media storytelling at EICTV Cuba.

Mr Anzor ASHAYEV
Kazakhstan
SaryarkaAvtoProm LLP

Anzor, as the Deputy Head of Internal Logistics at SaryarkaAvtoProm LLP, is responsible for finding material for production lines, conducting skills training for warehouse staff and ensuring continuous improvement in production. He has prior experiences in logistics and transportation as the Head of Container Yards where he coordinated movements of shipments and automobile containers. Despite Anzor's work in the Engineering sector, his major was in translation studies with a focus on Russian and English.
Mr Danyal HAYAT
Pakistan
Cecos University, Peshawar

Danyal received his Bachelor's in Electrical Engineering from GIK Institute in Pakistan and will complete a Master's in Engineering Management from Cecos University in 2017. His interest in management led him to obtain a Project Management Certificate from the University of Adelaide, and he is currently on a Micro-Masters credential program in Supply Chain Management from the Massachusetts Institute of Technology. Danyal works as an Assistant Director at AZK Transportation & Construction Company. He is also a member of the working group of United Nations Major Group for Children & Youth (UNMGCY).

Mr Jorge SANCHEZ HERNANDEZ
Spain
Google Maps

Jorge currently works as a Field Operations Associate under the Google Maps division at Google. He is also the founder of “AEGEE-Dresden”, an NGO that organizes workshops and conferences for youth from over 40 countries.

Ms Julia ERIKKSON
Sweden
EU Delegation to Thailand

Julia, a Master's of Laws graduate from Uppasala University, works for the European Union Delegation in Bangkok. She focuses primarily on human rights, refugees, migration and infrastructure. She has also done projects on the freedom to move. Last year, she set up Meet My City, an international NGO based in Sweden that focuses on integration and making all parts of the city available for everyone who resides there. Julia was a human rights observer who dealt with the Palestinian workers passing through the checkpoints in the West Bank.