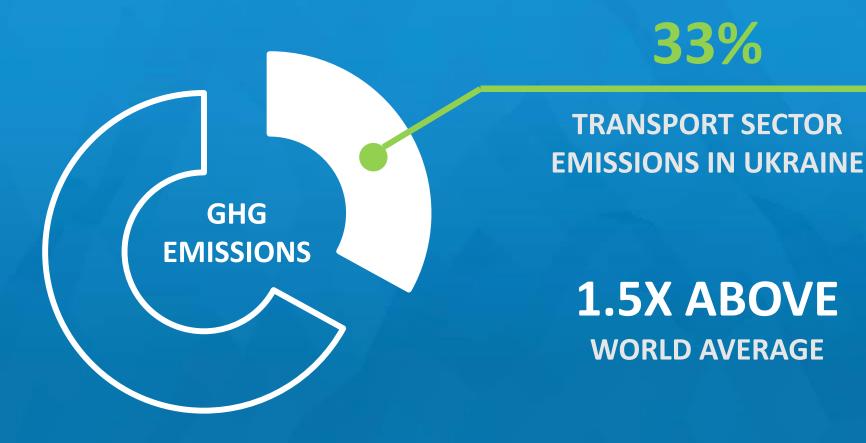
Electric Mobility

Global Trends and what we do in Ukraine

Alexander Ozeran

Ministry of Infrastructure of Ukraine

Why EVs are important? Ukrainian case.



Challenges: Urbanization and Limitations



53%

Global Degree of Urbanization



CITY PLANNING

Shift to Mono-Functional Urban Zones



INCREASING NUMBER OF TRAFFIC JAMS
DUE TO HIGHER STRAIN ON EXISTING
INFRASTRUCTURE



Challenges: Energy Consumption



ROAD TRANSPORT IS RESPONSIBLE FOR 43% OF WORLD'S OIL CONSUMPTION



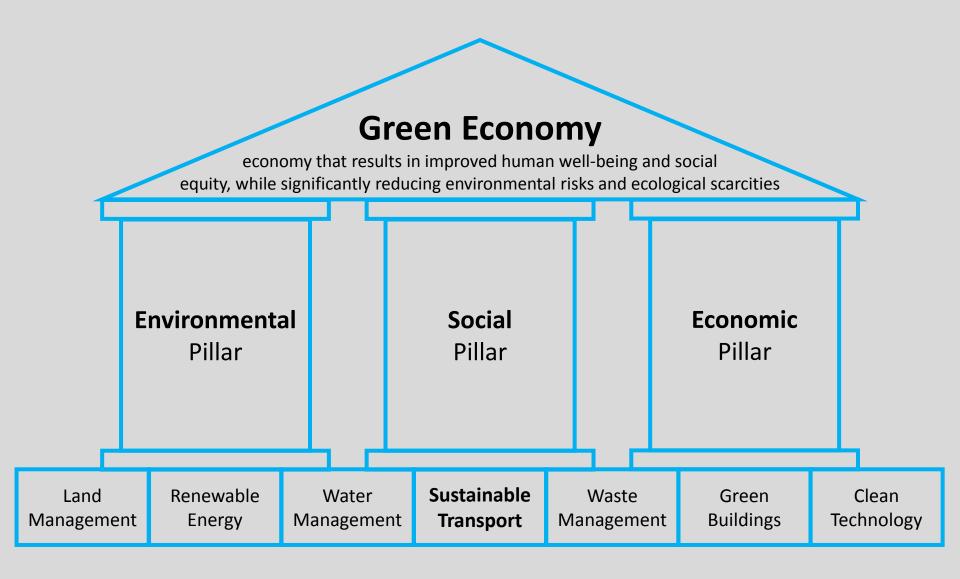
AND GROWING



25%

OF GLOBAL PRIMARY
ENERGY CONSUMPTION
GOES TO THE
TRANSPORT SECTOR

| Solution: Green Economy



Solution: Transport Reforming Approach

ENERGY EFFICIENCY ON TRANSPORT

SYSTEM EFFICIENCY

TRAVEL EFFICIENCY

VEHICLE EFFICIENCY

Organise land use, social and economic activities in such a way that the need for transport and the use of fossil fuels is reduced

Make use of energyefficient modes like public
transport and nonmotorised modes to
reduce energy
consumption per trip

consuming as little energy as possible per vehicle kilometre by using advanced technologies and fuels and by optimising vehicle operation

Reduce or avoid travel or the need to travel

Shift to more energy efficient modes

Improve the efficiency through vehicle technology

AVOID/REDUCE

SHIFT

IMPROVE

Green Transport Climate Target



BELOW 1.5 DEGREE



WIDESPREAD CLIMATE TARGET FOR SUSTAINABLE DEVELOPMENT

REDUCTION OF DRIVING-RELATED GHG EMISSIONS

ELECTRICITY MIX TRANSFORMATION

ADVANTAGES FROM USAGE

REDUCTION OF AIR POLLUTION

REDUCITON OF NOISE POLLUTION

BATTERY AND VEHICLE PRODUCTION

Green Generation

IMPLEMENTATION
OF GREEN TRANSPORT

INCREASE OF
RENEWABLE ENERGY IN
THE ELECTRICITY MIX

Sharing Economy



\$335bn MARKETBY 2025



>50%

OF TOTAL

GLOBAL REVENUE

BY 2025



ONE OF
KEY AREAS
FOR GROWTH

RIDESHARING

EV Reform Goal in Ukraine

1 KICKSTART EV AND BATTERIES PRODUCTION

2 GREATLY REDUCE EV PRICE

BOOST EV-RELATED SERVICES

Cheaper EVs with favorable usage conditions



OF EV PRICE REDUCED BY
DROPPING VAT AND INTRODUCING
INCOME TAX DISCOUNTS AND 0%
REGISTRATION FEE FOR 5 YEARS



FREE PARKING AND BUS LANE USAGE FOR 15 YEARS

Lithium and Battery Production





CORPORATE INCOME TAX ON LITHIUM EXTRACTION (15 YEARS)



CORPORATE
INCOME TAX
ON BATTERY
PRODUCTION
(15 YEARS)

THANK YOU

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