

#### ABOUT THE PROJECT

- The Government of Mongolia has received a grant and loan from Asian Development Bank to support the construction of several section along 748km road from Yarant at the border of People's Republic of China through Khovd and Ulgii to Ulaanbaishint at the border of Russian Federation
- The road is part of the Asian Highway network, Route 4 (AH4, 6,024 km) and is a designated Central Asian Regional Economic Cooperation Corridor 4a, which links Novosibirsk city of Russia with Karachi seaport in Pakistan.
- Tranche 1 of the road that connects PRC to Khovd provincial center (300 km) has opened to traffic on October 22, 2014 after approval by the State Committee.

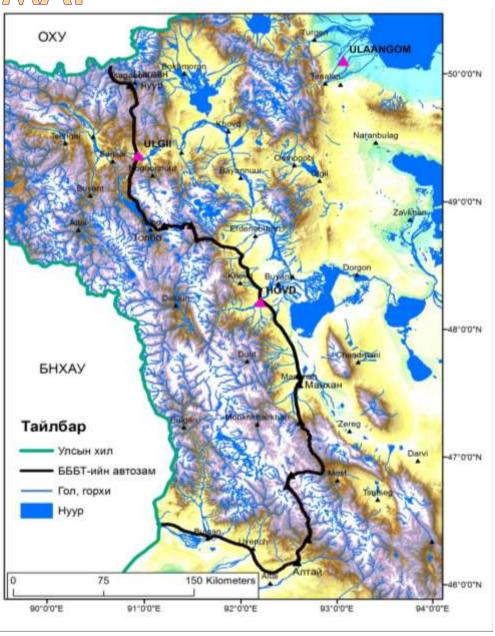
#### MAP OF ASIAN HIGHWAY NO.4

This may was produced by the carbigraphy unit. of the Asian Development Bank. The boundaries, oriors, denominations, and any other information shown on this map do not imply, on the part of the Asian Development Bank, any judgment on the legal status of any territory, or any endorsement or acceptance of such boundaries, colors, denominators, or RUSSIAN FEDERATION Bankal Sou Barried Somey Zobejsana SUANDAUTO Darter KAZAKHSTAN Cholbelses Zeisse Lake Mankhari ULAANBAATAR Balkhash Indurkhean BELITTE au/s/had Bulkhash Lole NGOLIA Taldykorper - Alasharkou Sainshand Ennoce Zimin-Dut Urung. Korla Zhangiskou: Dalprio PEOPLE'S REPUBLIC OF CHINA Xilometers. Bazhou

Figure 2: Asian Highway Network

Source: ADB

#### ROUTE MAP

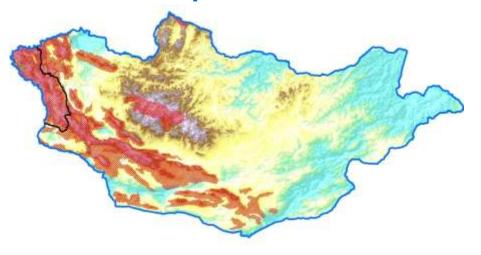


### ENVIRONMENTALLY SENSETIVE POINTS

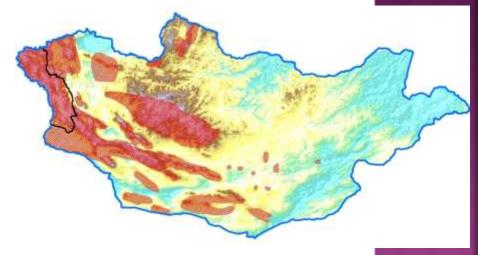
- Bodonch canyon
- Khavchig canyon
- Altay mountain range
- Depression of th Great Lakes
   which are habitat to a number of rare species
   such as saiga, ovis ammon, snow leopard etc.

#### DISTRIBUTION OF WILDLIFE SPECIES

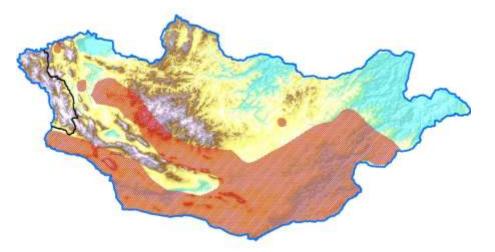
**Snow leopard** 



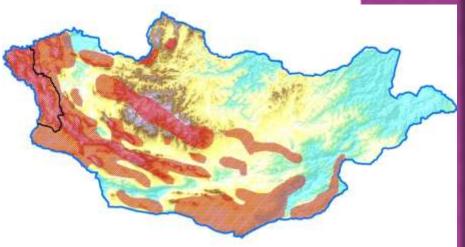
**Ibex** 



Goitered gazelle



Argali sheep



## CRITERION FOR SELECTION WILDLIFE CROSS POINTS

- ESIA and EMP
- Wildlife range
- Distribution of household
- Local topography
- Herder interview

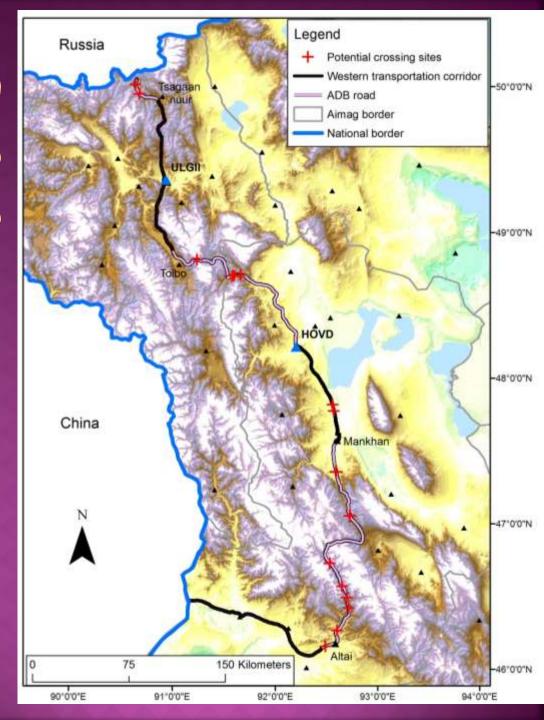
#### SURVEY APPROACH

- Observation
- Interviews
- Pursuit of trails
- Previous fauna reports

# RECOMMENDED WILDLIFE CROSS POINTS

#### Wildlife species

- Snow leopard
- Ibex
- Argali sheep
- Goitered gazelle
- Saiga antelope



ID	Wildlife species	Latitude	Longitude	Elevation, m
Temeen Khuzee - Baga Ulaan pass (110.8 km)				
Site 1	Goitered gazelle	45.98864	92.42777	1516
Site 2	Ibex, argali sheep	46.10971	92.51797	1693
Site 3	Ibex, snow leopard	46.27478	92.59775	1932
Site 4	Ibex, snow leopard	46.34538	92.56447	2085
Site 5	Ibex, snow leopard	46.41640	92.49709	2251
Site 6	Ibex, snow leopard	46.56167	92.33870	2447
Baga Ulaan pass - Mankhan soum (103.3 km)				
Site 1	Argali sheep, ibex	46.73543	92.56011	2354
Site 2	Argali sheep, ibex- Khavchig	46.90817	92.46162	2428
	canyon			
Site 3	Mongolian saiga	47.19217	92.25353	1753
Mankhan soum - Khovd aimag (83.3 km)				
Site 4	Mongolian saiga, goitered	47.60634	92.12658	1262
	gazelle			
Site 5	Mongolian saiga, goitered	47.64701	92.10284	1293
	gazelle			
Khovd aimag - Tolbo soum (163.9 km)				
Site 1	Argali sheep, ibex, snow	48.41935	90.93569	1867
C: 0	leopard	40 407 44	00.070/3	4050
Site 2	Argali sheep, ibex, snow	48.40641	90.87063	1952
City 2	leopard	49, 40220	00 05370	1077
Site 3	Argali sheep, ibex, snow leopard	48.40230	90.85270	1977
Site 4	•	48.46631	90.46074	2625
Site 4	Argali sheep, ibex, snow leopard	40.40031	70.40074	2023
Tsagaan Nuur - Ulaanbaishint (25.8 km)				
Site 1	Argali sheep, ibex	49.50969	89.52537	2234
Site 2	Argali sheep, ibex	49.56787	89.46545	2267
SICC Z	Algan Silecp, IDCA	17.50707	07. 103 <del>1</del> 3	LLUI

#### PROPOSED CROSS POINT DESIGN

- Wildlife crossing structures: slopes on 2 sides of the road embankment
- Erection of warning signage
- Speed bumps on both sides of the cross point

#### GOOD PRACTICES: OT-GS ROAD



## THANK YOU FOR ATTENTION!!!