

# TRANSPORT CORRIDORS: CHALLENGES AND OPPORTUNITIES IN NEA AND FOR NEA EVOLUTION & ENHANCING OF REGIONAL LOGISTICS NETWORK IN THE GTR

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Trans-GTR transport corridors.

# **SEVERAL REASONS WHY WE NEED TO UPDATE A STUDY ON THE LOGISTIC NETWORK IN NORTH-EAST ASIA,**

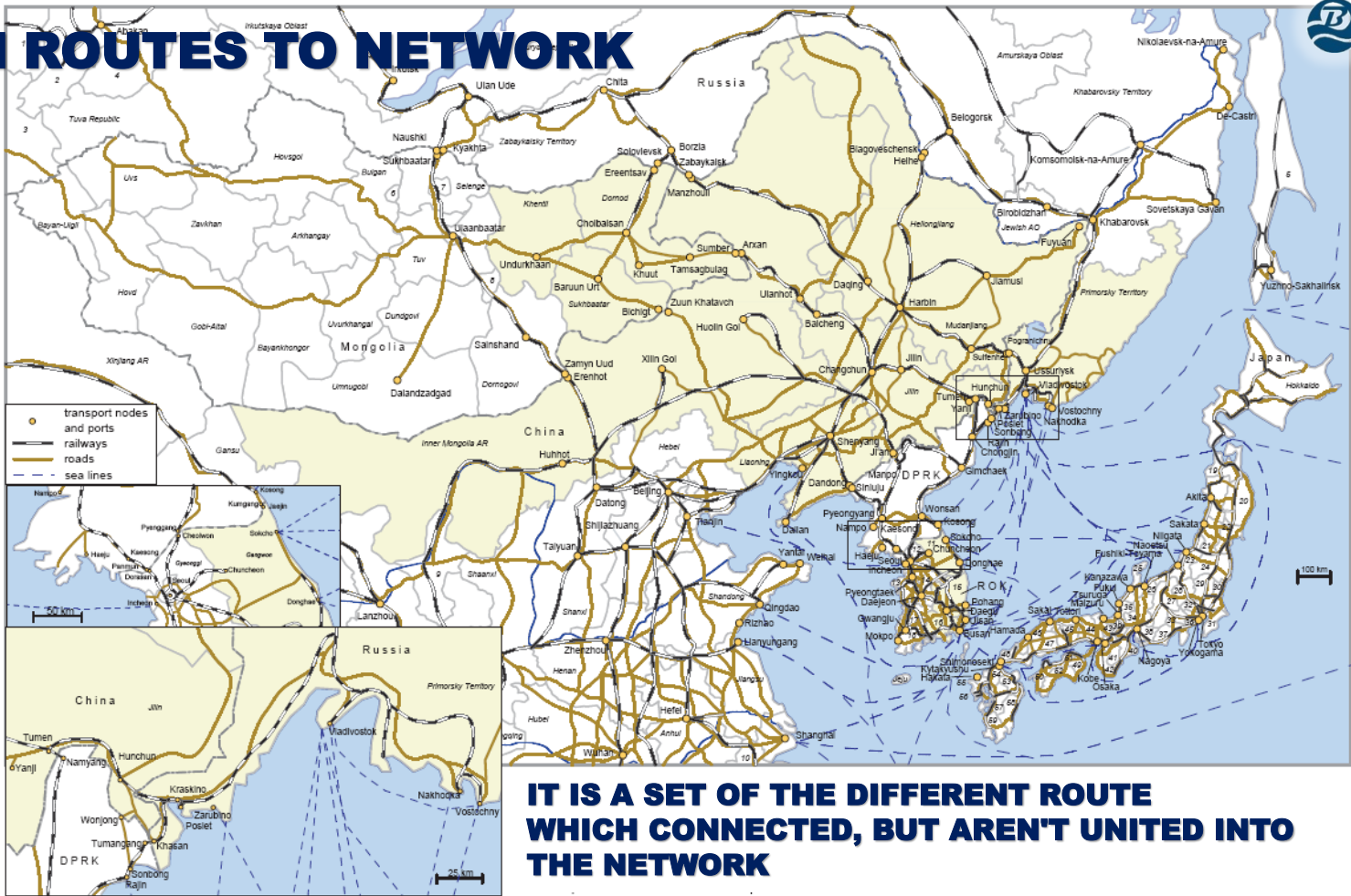
**WHICH WILL BE LOGICAL COMPREHENSIVE CONTINUATION  
OF THE PREVIOUS RESEARCHES  
FOR CREATING TRANS-GTR TRANSPORT CORRIDORS**

# FIRST: FROM ROUTES TO NETWORK

**TODAY IT IS APPROPRIATE TO SPEAK NOT ONLY ABOUT CORRIDORS, BUT NETWORK**

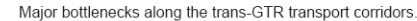
**THE MODERN CHALLENGE FOR GTI AND NEA IS A CREATION OF THE INTEGRATED SEA-LAND MULTIMODAL TRANSPORT NETWORK INCLUDING A SET OF ROUTES**

**CREATING AND MANAGEMENT OF ROUTES NETWORK IS MORE DIFFICULT TASK**



**IT IS A SET OF THE DIFFERENT ROUTE WHICH CONNECTED, BUT AREN'T UNITED INTO THE NETWORK**

**THE MODERN TASK FOR GTI AND NEA COUNTRIES IS A CREATION OF INTEGRATED LOGISTIC NETWORK INCLUDING A SET (SYSTEM) OF ROUTES, MOREOVER, IT IS ABOUT CREATION OF THE INTEGRATIVE INFRASTRUCTURE UNITING TRANSPORT AND OTHER COMMUNICATIONS**



## GTR ROUTES WERE IMPROVED, BUT IT ISN'T VISIBLE



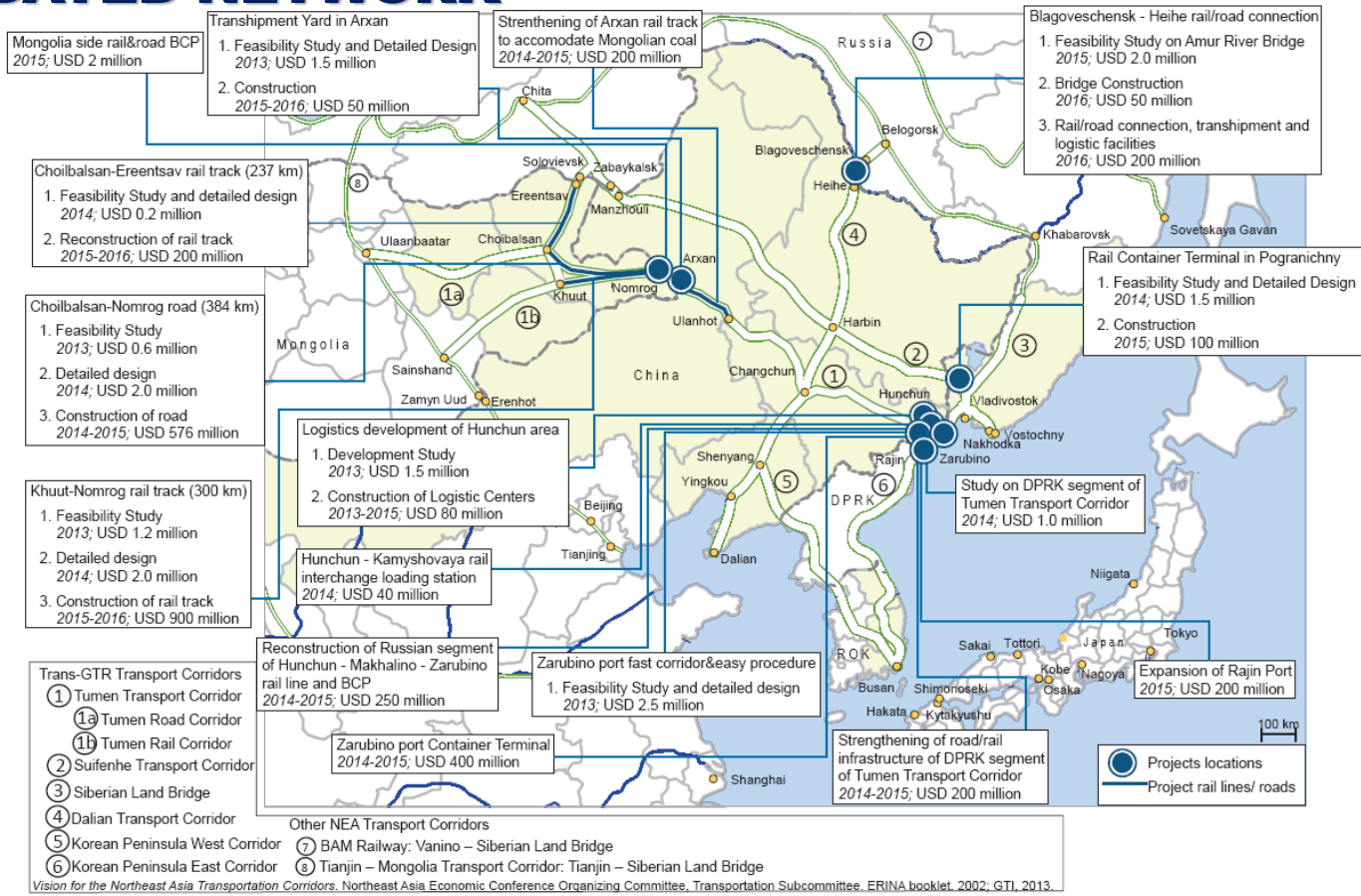
# THIRD: FOR UPDATED NETWORK

**THE PREVIOUS RESEARCHES HAVE BEEN CONDUCTED**

**THERE WAS THE TASK TO FIND A FREIGHTS MINIMUM FOR CORRIDORS STARTING**

**THIS TASK HAS BEEN SOLVED, BUT HASN'T ALLOWED TO SEE THE PROSPECTS OF DEVELOPMENT**

**INCREASE IN COMPETITIVENESS OF ALL GTI REGION HAS TO BECOME THE PURPOSE OF WORK**

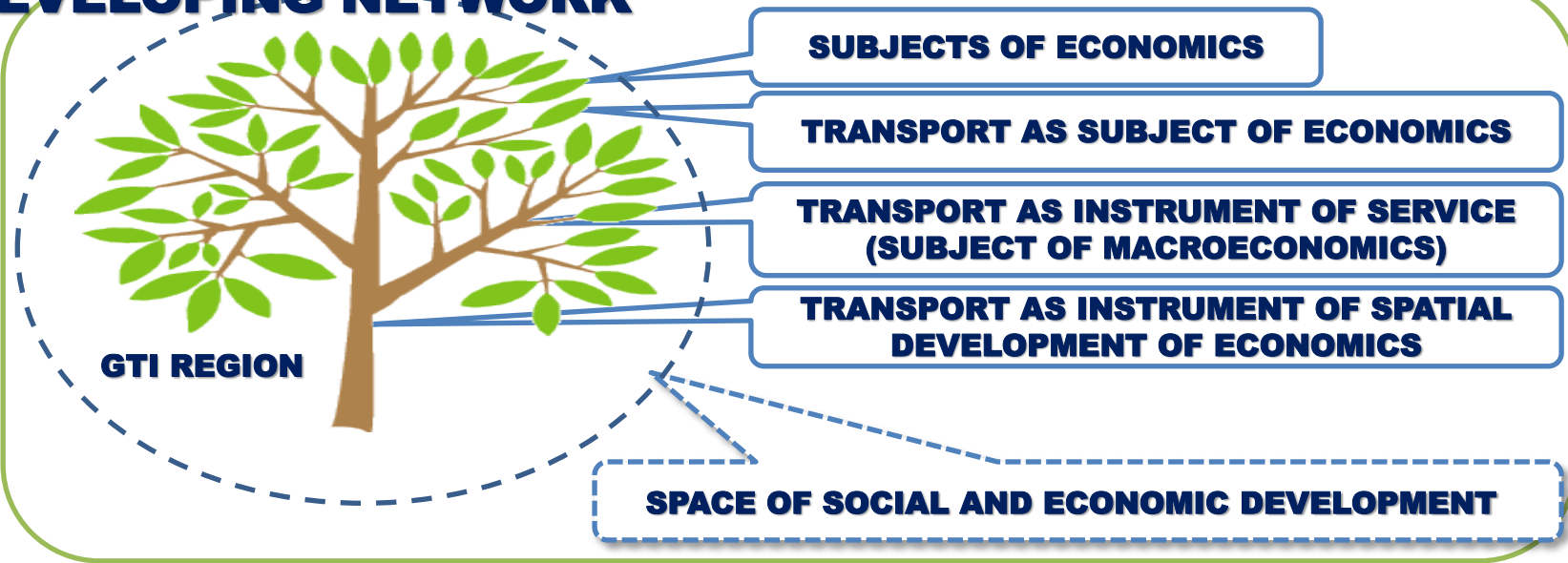


Suggested Investment Projects 2013-2016.

**THIS SCHEME HAS BECOME OUTDATED AND IT DEMANDS UPDATING**

# FOURTH: FOR CLEVERLY DEVELOPING NETWORK

## KEY MACROECONOMIC ASPECTS OF INVESTMENT IN TRANSPORT INDUSTRY: PIPELINE OF PROJECTS IMPLEMENTATION

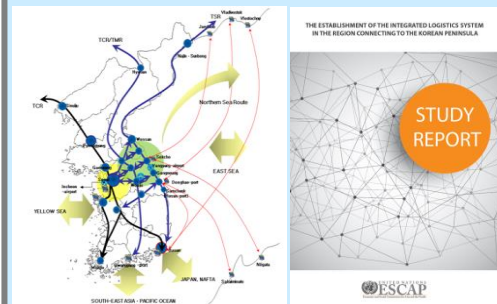
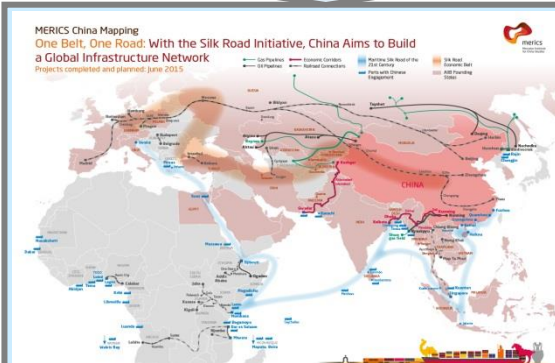


$$\Sigma \text{ (leaves) } + \text{ (trunk) } + \text{ (leaves) } + \text{ (trunk) } + \text{ (leaves) } + \text{ (leaves) } = \text{ (pile of trash) } \neq \text{ (tree) }$$

**THE DEVELOPMENT IS PROVIDED NOT BY THE SUM,  
BUT BY THE SYSTEM OR INTEGRAL OF SUBJECTS INTERACTION**

# FIFTH: FOR WIN-WIN NETWORK

**DESIRES AND INTERESTS OF THE DIFFERENT PROVINCES OF CHINA, GLOBAL CHINESE PROJECT "ONE BELT, ONE ROAD", EURASIAN ECONOMIC UNION, 9 BRIDGES OF THE REPUBLIC OF KOREA, 8 DIRECTIONS OF COOPERATION OF JAPAN, IDEAS OF MONGOLIA (MONGOLIA-CHINA-RUSSIA ECONOMIC CORRIDOR, 32 COOPERATION PROJECTS IN TRANSPORTATION, LOGISTICS, ENERGY, AGRICULTURE, ETC.) AND OTHER COUNTRIES**



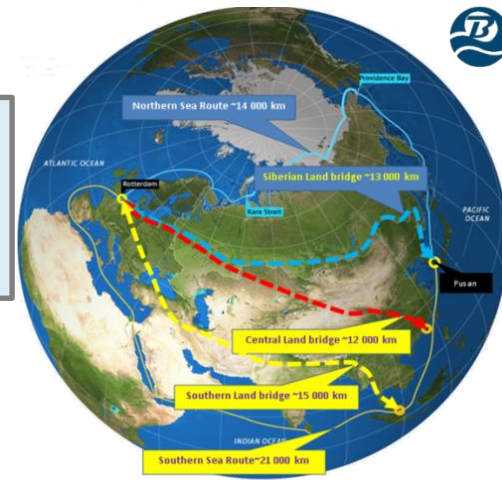
**MANY EURASIAN IDEAS  
HOW TO COMBINE?**

**EURASIA NETWORK**

**NEA NETWORK**

**NEW MODEL OF NETWORK  
FOR MULTILATERAL  
COOPERATION IN GTR  
AND**

**THIS MODEL MUST BE CAPABLE TO  
HARMONIZING IDEAS PROPOSED  
BY RUSSIA, CHINA, ROK, JAPAN  
AND OTHER COUNTRIES**



**EURASIAN TRANSPORT  
& LOGISTIC NETWORK**

**NEA TRANSPORT & LOGISTIC NETWORK**

**GTR TRANSPORT & LOGISTIC NETWORK  
HOT POINTS – PLACE OF ALIGNMENT OF IDEAS**

**THE ANSWER IS NECESSARY HOW TO UNITE  
VARIOUS BENEFITS, DESIRES AND INTERESTS?**

# **SIXTH: FOR MODERN NETWORK**

**FOR ECONOMIC COMMUNITY OF PEACE AND PROSPERITY**

**INTEGRATED TRANSPORT INFRASTRUCTURE  
AND CROSS-BORDER FACILITATION STUDY  
FOR  
THE TRANS-GTR TRANSPORT CORRIDORS  
AND OTHER RESEARCHES**

**WAS MADE EARLIER**

**THE NEXT STEP IS NECESSARY**



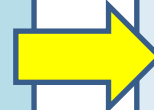
**STUDY ON NEA INTEGRATED LOGISTIC NETWORK  
CURRENT STATE OF THE TRANSPORT CORRIDORS  
AND  
IDEAS FOR NEW LOGISTICS SCHEMES IN NEA**

**TO SUCCESSFULLY  
BUILD NEW EFFECTIVE  
REGIONAL VALUE CHAINS**

**TO USHER IN THE ERA  
OF THE NEA ECONOMIC  
COMMUNITY  
OF PEACE AND  
PROSPERITY**



**SEARCH OF NEW  
LOGISTIC  
DECISIONS  
IS NECESSARY**







# EIGHTH: FOR CLEVER NETWORK WITH DIGITAL SERVICE

## NEAL-NET

Northeast Asia Logistics Information Service Network  
东北亚物流信息服务网络



## LOGINK

国家交通运输物流公共信息平台



Public Logistics  
Information Nodes

Source: Regional Logistics Information Sharing Cooperation NEAL-NET  
(Northeast Asia Logistics Information Service Network)



PORTS



HIGHWAY FREIGHT STATIONS



AIRPORTS



RAILWAY FREIGHT STATIONS

NEAL-NET Standard

NEAL-NET Standard

NEAL-NET Standard

NEAL-NET Standard

STANDARDIZATION CHANNEL

NEAL-NET Standard

NEAL-NET Standard

NEAL-NET Standard

NEAL-NET Standard



WAREHOUSE



FACTORY



DISTRIBUTION CENTER



DEALER

Private Logistics  
Information Nodes



**TODAY RUSSIA IS BUSY  
IN THIS DIRECTION  
INDEPENDENTLY  
AND  
WITHIN THE CUSTOMS UNION**



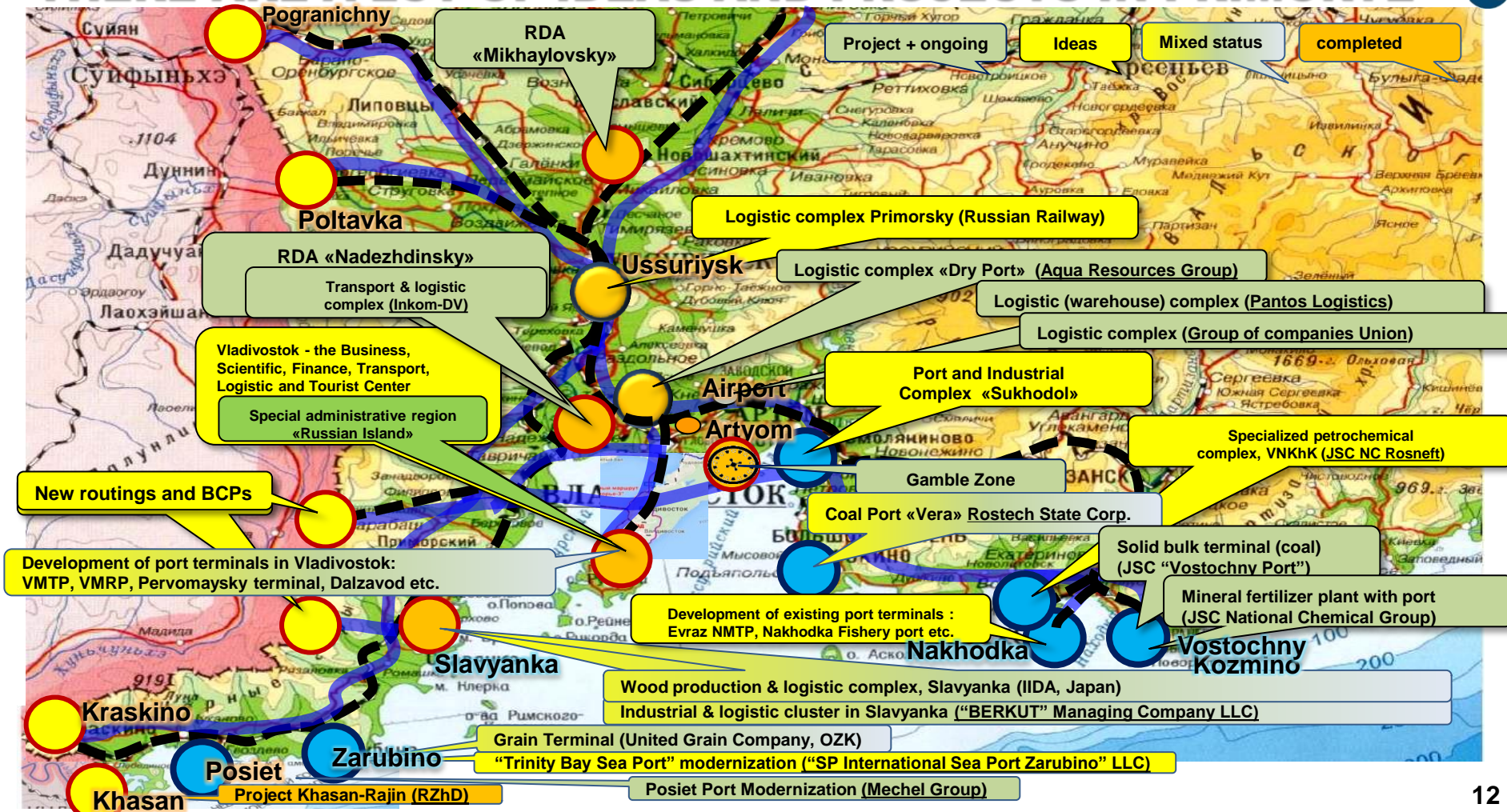
**DIGITAL ECOLOGY  
DIGITAL CIVILIZATION**

# **REASON LIST CAN BE CONTINUED**

**LET ME GIVE A BRIEF EXAMPLE  
(IDEAS FROM PRIMORYE FOR GTR)**



# THERE ARE A LOT OF IDEAS AND PROJECTS IN PRIMORYE



# LOGISTICS NETWORK IN PRIMORYE IS A NEW MODEL OF ROUTING



Current routing ITC Primorye-1 + Primorye-2:  
road/rail ~425/457+44 km

Key Network channel (ITC Primorye-1 + Primorye-2):  
~320/368 km (shorter on 119/89 km)

- - border crossing points (BCP) on land
- - border crossing points (BCP) in seaports
- - new ideas

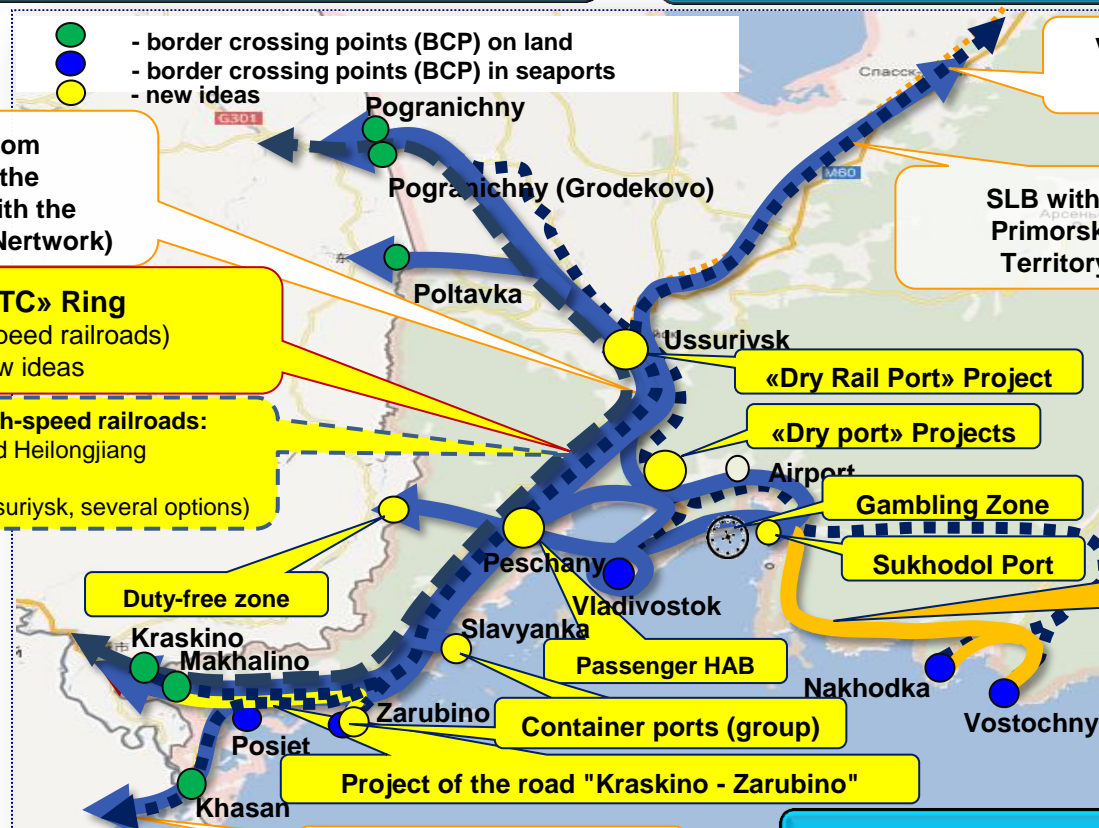
Segment from  
Khasan to the  
connection with the  
SLB (Rail/Road Network)

**«Primorye ITC» Ring**  
(Road/Rail/High-speed railroads)  
+ many new ideas

**Ideas of the speed and high-speed railroads:**

- from the Provinces Jilin and Heilongjiang
- from the Republic of Korea
- local lines (Vladivostok-Ussuriysk, several options)

**THE NEW MODEL IS  
ORIENTED AT  
SIMULTANEOUS  
DEVELOPMENT  
OF THE EURASIAN  
ECONOMIC UNION  
AND NEA  
COUNTRIES**



Vladivostok-Moscow  
Highway

SLB within  
Primorsky  
Territory

**THE JUNCTION OF MANY  
ROUTES WILL FORM THE  
NETWORK  
WHICH MAY HAVE  
A LOT OF «TRIBUTARIES»  
AND DIRECTIONS OF  
TRANSPORTATION.  
THUS, WE WILL CREATE  
THE NETWORK ELEMENT  
WHICH MAY BE INCLUDED  
IN DIFFERENT  
MULTIMODAL (SEA-LAND)  
TRANSPORT CHAINS**

«Dry Rail Port» Project

«Dry port» Projects

Gambling Zone

Sukhodol Port

The highway segment  
"Vladivostok - Nakhodka -  
Vostochny"

Researches and  
prefeasibility studies are  
necessary!

Korean East Corridor

Sea lines: China-China, China-ROK,  
China-Japan, and other countries of NEA and APR



# Thank you!

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