



INTERNATIONAL UNION
OF RAILWAYS

unity, solidarity, universality

UIC in 2015

*Irina Petrunina
UIC representation in APRA
ADB TSCC meeting
27-29 April 2015
Ulaanbaatar , Mongolia*

UIC MEMBERSHIP



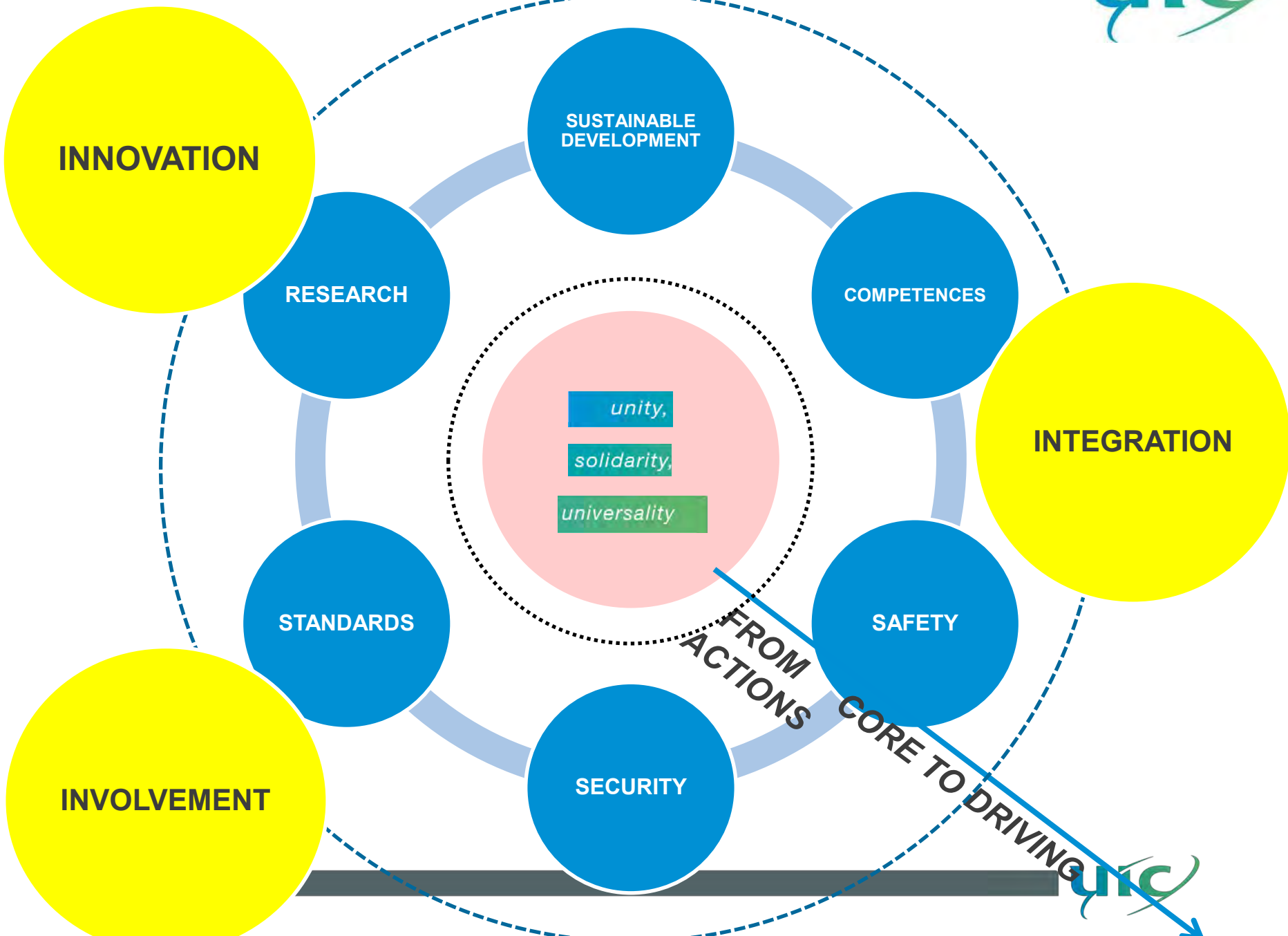
240 members on all continents

120 members in Europe

Rail Operating Community

- Operators
- Infrastructure Managers
- Research centres
- Secretariat of transportation (a few)

VALUES AND PILLARS OF UIC

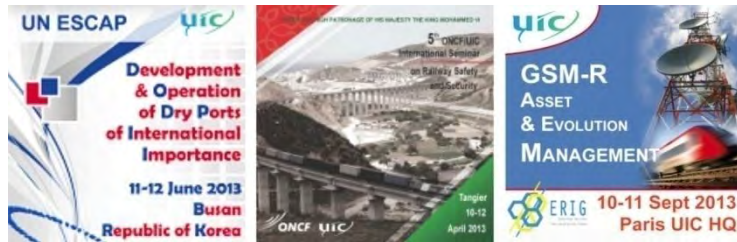
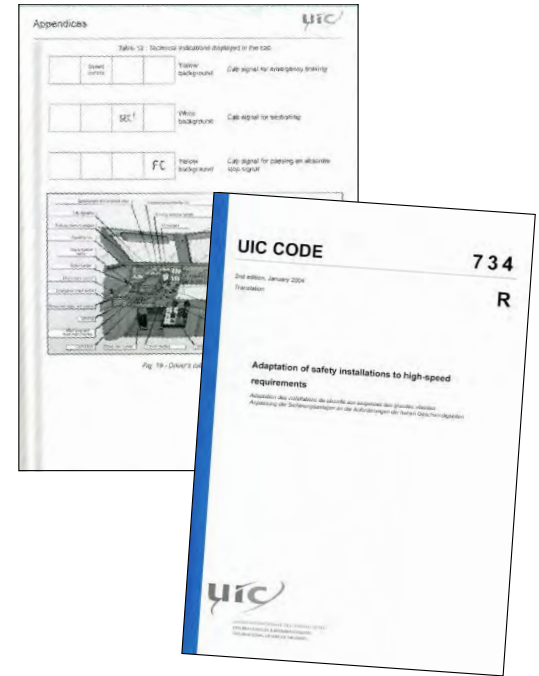


UIC FACTS AND FIGURES

200 Technical projects (50 european) since 2009

700 UIC Leaflets since creation

40 international Seminars organised in 2014,
in 30 cities, for 5000 participants every year



Organization

Asia-Pacific Regional Assembly (APRA)

Chairman



S. SEINO

JR East, Japan

Vice-Chairman



L. PUREVBATAR

UBTZ, Mongolia

Asia-Pacific Management Committee (APMC)

Chairman: JR East, Vice-Chairman: UBTZ

Executive Board members: JR East, KTZ, UBTZ, CR, IR, KORAIL, PTV, RZD

UIC HQ

Director General:

J.P. LOUBINOUX

Regional Coordinator: V. VU

Senior Advisor: B. SEGERAL

(Paris)

UIC ASEAN

Representative:

M. PAPAZOFF

(Kuala Lumpur)

UIC CIS

Representative:

I. PETRUNINA

(Moscow)

UIC Pacific

Representative:

T. SARGANT

(Melbourne)

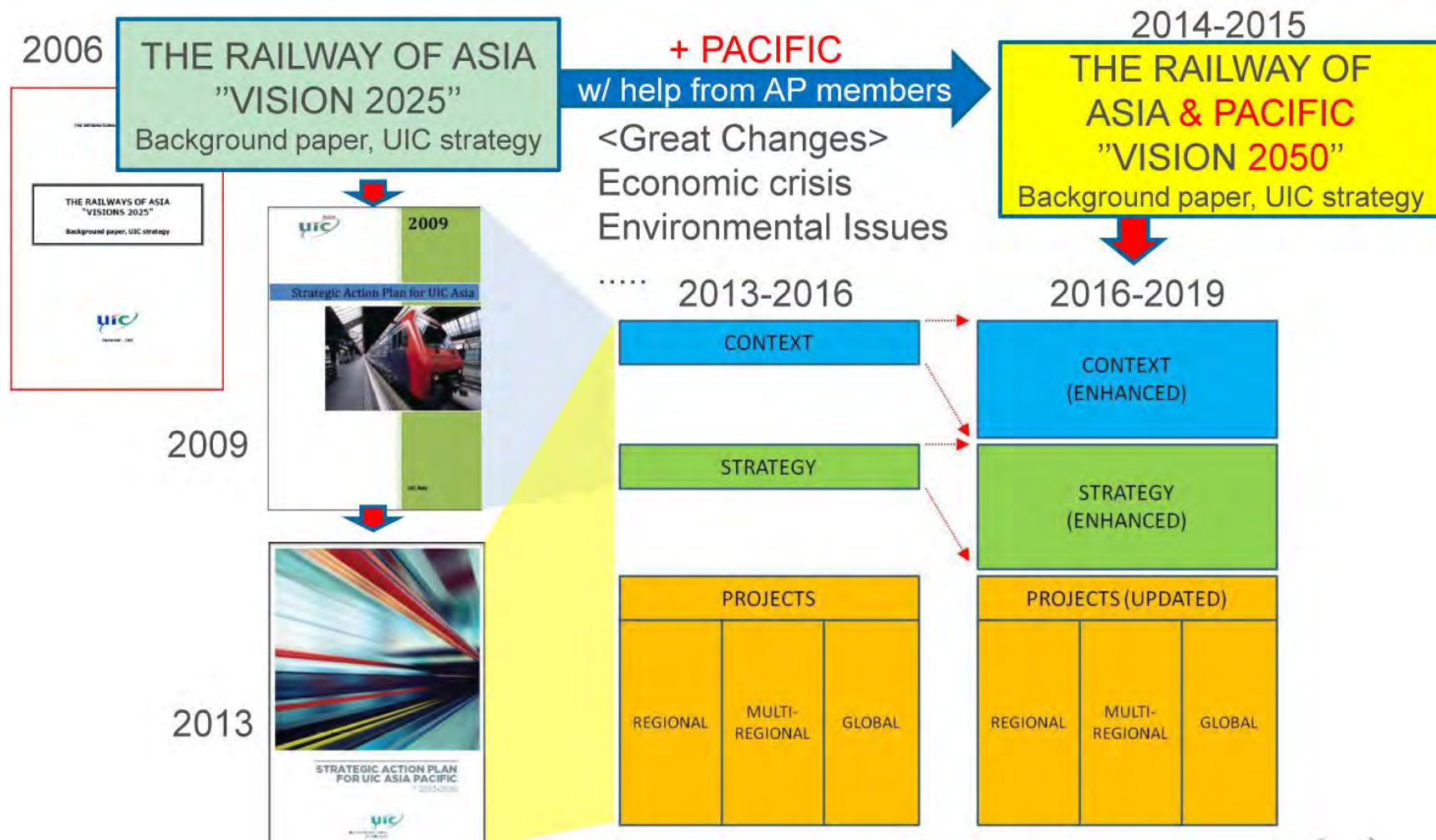
UIC Asia-Pacific Region. Vision 2050

Is concern:

1. **Strategy goals and key objectives**
2. **Economic and Demographic Overview of the Region**
3. **Development of Rail Transport and Transport Policy in the Region**
4. **Regional Infrastructure**
5. **Urban Railway Network**
6. **Key Elements to ensure security at rail transport facilities**
7. **Regional Priorities**
 - **Development of rapid and high-speed railway traffic**
 - **Development of heavy traffic**
 - **Forecast of freight and passenger flows on rail transport**
 - **Renewal/Manufacturing of rolling stock, railway equipment manufacturing industry**
 - **Creating a logistics services market**
 - **Technical regulation policy/ Technical requirements to infrastructure and rolling stock**



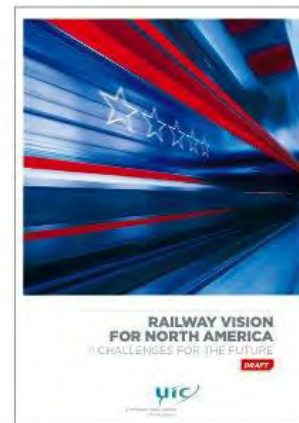
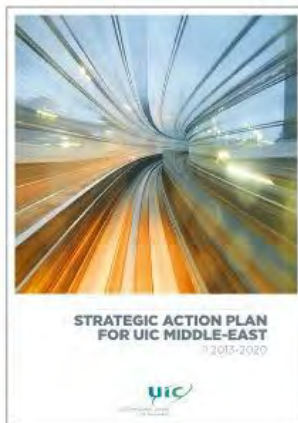
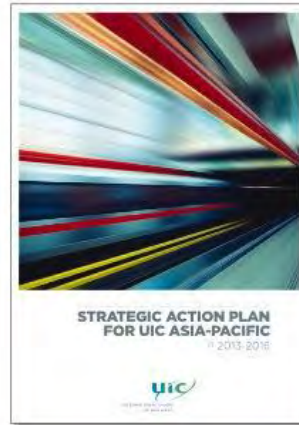
Strategic Action Plan . Phase II



Overview of UIC Asia-Pacific

Global vision for RW development

The GVRD based on UIC Regional documents, such as



MERITS and PRIFIS

Unified E- Ticket

International Railways Standards (IRS)

Global Transport Experts (GTE)

Boarder crossing in international corridors BIRC

Proposal for multi- regional projects 2016

No	Project Title	With	Leader	Budget (K€)			
				2016	2017	2018	Total
MR1	Virtual Approval Of Railway Vehicles	Europe	UIC(RSF)	30	30		60
MR2	Wheel/Rail Roughness Measurement And Categorisation	Europe	UIC(RSF)	100	100		200
MR3	Slab Track: Decision Making, Design Specifications, Maintenance And Asset Management	Europe	UIC(RSF)	50	50		100
MR4	Asset Management – whole life cost, risk and performance	Europe	UIC(RSF)	200	200		400
MR5	Asset Management – unified procurement methods	Europe	UIC(RSF)	100			100
MR6	Functional specification and definition of a device for detection and localisation of broken rails without detection of train	Europe	UIC(RSF)	100	100	100	300
MR7	What is the positive support of the remote monitoring and supervision systems for maintenance, operation and renewal of signalling systems - organisational consequences?	Europe	UIC(RSF)	100	100		200
MR8	Passenger doors system, alarm and communication systems: safety and standardised operation	Europe	UIC(RSF)	200	200		400
MR9	Rules for the consist and braking of international freight trains	Europe	UIC(RSF)	110	110		220
MR10	"GRIDS" Geographic Railway Infrastructure Datamart and Scenario-player	Europe	UIC(RSF)	100	100		200
MR11	Guidelines for the inventory of an energy management system	Europe	UIC(RSF)	111			111
MR12	Interoperability of Regional Standards	Middle East	UIC(RSF)	48	48	48	144
MR13	Integrated Remote Monitoring of Trains and Load in International Freight Traffic	Europe	UIC(Security)	100	100		200

Proposal for multi- regional projects 2016

Request for projects sheets 2016

- To members (2 Feb 2015)
- To UIC Forums (February until **March** 2015)



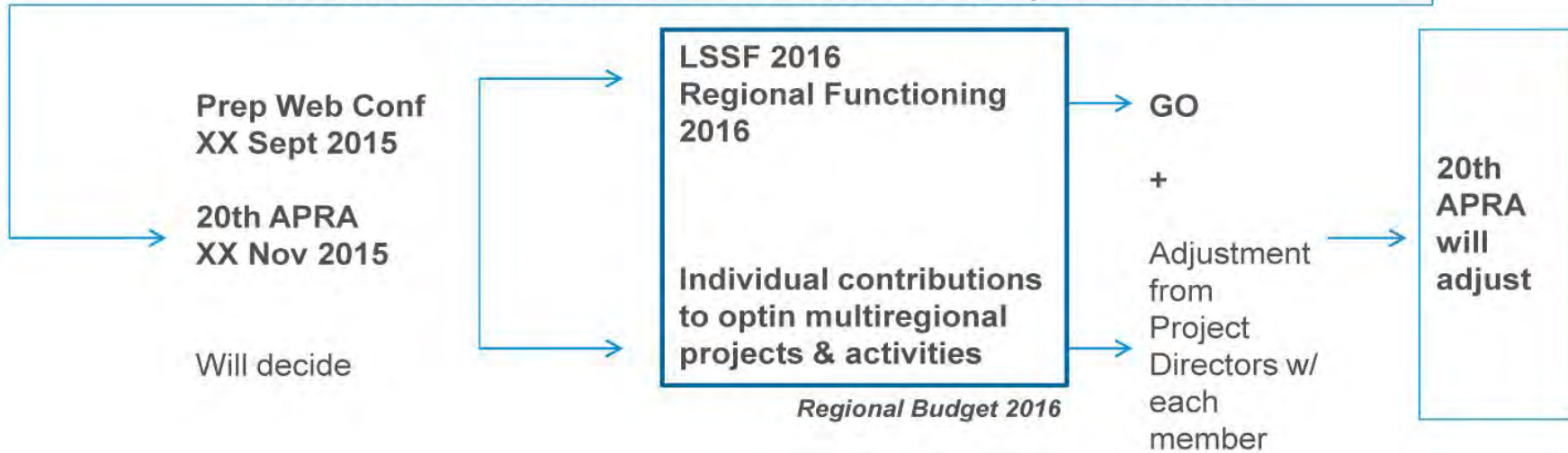
Selection on 2 Apr 2015 (web-conference)

Submission to the 19th APRA 11 May 2015




Deadline: 30 MAR
Send to: hono@uic.org

REGIONAL BUDGET 2016 + OPTIN 2016 June to September 2015



Proposal for regional projects 2016

No	Project Title	Leader	Budget (K€)			
			2016	2017	2018	Total
AP1	Upgradation of Signalling System for Semi High Speed (160-200 KMPH)	IR	40			40
AP2	Simultaneous operation of rail track for passenger and freight traffic		60	60		120
AP3	Technical Specifications for Organisation of Data Exchange via Protected Secured Chain		50	50		100
AP4	Reference Guide of Core Rail Job Profiles and Professional Competences		60	60	60	180
AP5	Delivering of Railways Projects in Asia		60	60		120
AP6	Application of advanced ballast technologies		60			60
AP7	Lateral Track Resistance Extension to Large and Narrow Gauges	UIC(RSF)	125	125		250

 shows period

Proposals for cooperation with CAREC

Interoperability of regional standards. The project covers:

- Analysis of systems of standardisations and technical regulation within CAREC countries
- Assessment of interoperability for standards and technical regulations in national and regional applications
- Development of Guidelines which will establish the roadmap for Interoperability of Standards within the CAREC region
- Elaboration of Recommendation for standardisation activities to be proposed for implementation in the framework of CAREC Program

Designing of railway service in Asia Pacific. The project covers:

- The different types of rail systems that can be implemented,
- An overview of the major rail projects planned and under construction in the Asian region,
- A review of major issues to be resolved when delivering rail projects and key success factors for successful projects
- Different approaches to funding the cost of rail projects.



Proposals for cooperation with CAREC

Reference guide of core rail job profiles and professional competences. The project covers:

- establishing a list of main rail occupations where such a work is needed as priority list
- establishing a model job description and core glossary
- establishing a list of training centers and certificates leading to relevant qualifications
- establishing a set of job descriptions of selected occupations as Reference guide

Boarder crossing in international corridors BIRC. 2 projects are included:

- 1. Technical specifications for organization of data exchange via protected secured chain**
- 2. Integrated Remote Monitoring of Trains and Load in International Freight Traffic**



UIC APRA and international organizations

OSJD- ORGANISATION FOR COOPERATION OF RAILWAYS



CRT – COUNCIL OF RAILWAY TRANSPORT OF COMMONWEALTH OF INDEPENDENT STATES



CCTT-COORDINATING COUNCIL OF TRANS-SIBERIAN TRANSPORTATION



UNECE- United Nations Economic Commission for Europe

UNESCAP- Economic and Social Commission for Asia and the Pacific



Thank you for your attention!

