



INTERNATIONAL UNION
OF RAILWAYS

unity, solidarity, universality

Improving multimodality to make rail a mode of choice

Soft Aspects

Irina Petrunina
UIC East/West Relations Team

Overview of UIC Asia-Pacific Region (APRA)



INTERNATIONAL UNION
OF RAILWAYS

Expertise Development Platform



21-22 April 2016
York, UK



Sustainable Mobility Workshop



27 April 2016

PARIS UIC HQ



UIC

Digital technology and railway **security**

4-5 MAY 2016
WASHINGTON WORLD BANK



INTERACTIVE SESSIONS ON INTERNATIONAL RAILWAY BUSINESS

PARIS
09-13 May
21-25 November **2016**



NRA UIC

3rd UIC High Speed Interaction Workshop

Safety & Quality Standards of High Speed Rail Passenger Service

Beijing, China
12-13 May 2016

2nd International Workshop on Vegetation Management

What future for herbicide?



UIC SNCF

24-25 May 2016
Paris UIC Headquarters



Overview of UIC Asia-Pacific Region (APRA)



INTERNATIONAL UNION
OF RAILWAYS

RAILWAY TALENTS
COLLABORATIVE & NETWORKING EVENT

11th WCRR 2016
29th May - 2nd June
Milan - Italy

1-2 June 2016, Milano

11th WCRR 2016
World Congress on Railway Research
29th May - 2nd June
Milan - Italy

Research and Innovation from Today Towards 2050

Save the date

ILCAD
Act safely at level crossings

10-11 June 2016

PARIS 2016
2-7 OCTOBER 2016

INTERNATIONAL RAILWAY SAFETY COUNCIL

5th EDITION GLOBAL RAIL FREIGHT CONFERENCE

22-23 JUNE 2016, ROTTERDAM

UIC SECURITY WEEK

UIC HQ PARIS
20-24 June, 2016

10-12 OCTOBER 2016
UIC HQ PARIS, FRANCE

CRITIS 2016

11th INTERNATIONAL CONFERENCE ON CRITICAL INFORMATION INFRASTRUCTURES SECURITY

DB DB Training, Learning & Consulting **SNCF**

4th UIC World Congress on Rail Training 2017
Unite, Inspire, Connect

Berlin / Potsdam
5-7 April 2017



Proposal of new AP projects

No	Project Title	Leader	Budget (K€)			
			2017	2018	2019	Total
AP701	Training sessions for APNRTC members	IRaTCA(KORAIL), APNRTC	80	80	80	240
AP702	Comparison and analysis of national technical regulation with TSI considering Interoperability in Asia Pacific region	KRRI	70	70	60	200
AP703	Study and on-site evaluation of railway mobile communication system	KRRI	60	60		120
AP704	Carbon Footprint Guideline of Railway Infrastructure	UIC (Lee), KRRI	60	60	60	180
AP705	Conformity assessment for Railway technologies	MIIT, UIC (Kinderis)	60			60
AP706	Cost Evaluation of Railways Projects in Asia	UIC (CIS)	80			80
AP707	Interoperability for international corridors	UIC (Kinderis)	60	60		120
AP708	Interoperability of Regional Standards	UIC (Kinderis)	50	50		100
AP709	Integration of reservation systems in APRA region	FPC, MIIT	60			60
AP710	Modern technical rail maintenance	MIIT, UIC (CIS)	60			60
AP711	Station security protection	MIIT	40			40
AP712	Security and safety competence enhancement for train crew members	FPC, MIIT	60			60
AP713	Innovative Technology for Reinforcing and Stabilization of the Railway Subgrade	MIIT, UIC (Kinderis)	50			50
AP714	Proceeding of Big Data on Regional Freight Transportation	MIIT	50	70		120
AP715	Regional Tourism	FPC	60			60
AP716	UIC APRA Web-platform for Development of Rail Projects and Professional Communications	MIIT	35	45	50	130
AP717	Promoting rail talents to implement AP vision 2050	MIIT	60	60	60	180
AP718	APRA training sessions 2017	IRaTCA, MIIT, APNRTC	70			70
AP719	Safety Workshop	UIC (Safety)	20			20

Proposal of new multi-regional projects 2017

No	Project Title	Leader	Budget (K€)			
			2016	2017	2018	Total
MR701	Rolling Stock on board applications (traction-braking management) and commissioning	UIC(RSF)	100	100		200
MR702	Standardisation of requirements for a direct electro- pneumatic brake	UIC(RSF)	110	110		220
MR703	Exceptional and Over-Loads on Existing Infrastructures	UIC(RSF)	77	77		154
MR704	Harmonised Methodology for Infrastructure Lifetime Assessment	UIC(RSF)	54	54		108
MR705	Direct Radio Link for Train Completeness Safety Check	UIC(RSF)	64	32		96
MR706	SATLOC+ (follow up of SATLOC) system safety demonstration on the basis of the formal functional modelling of the system	UIC(RSF)	63	63		126
MR707	UIC-IEC Overhead Contact Line life cycle harmonisation	UIC(RSF)	100	100		200
MR708	REVERSIBLE SUBSTATIONS	UIC(RSF)	79			79

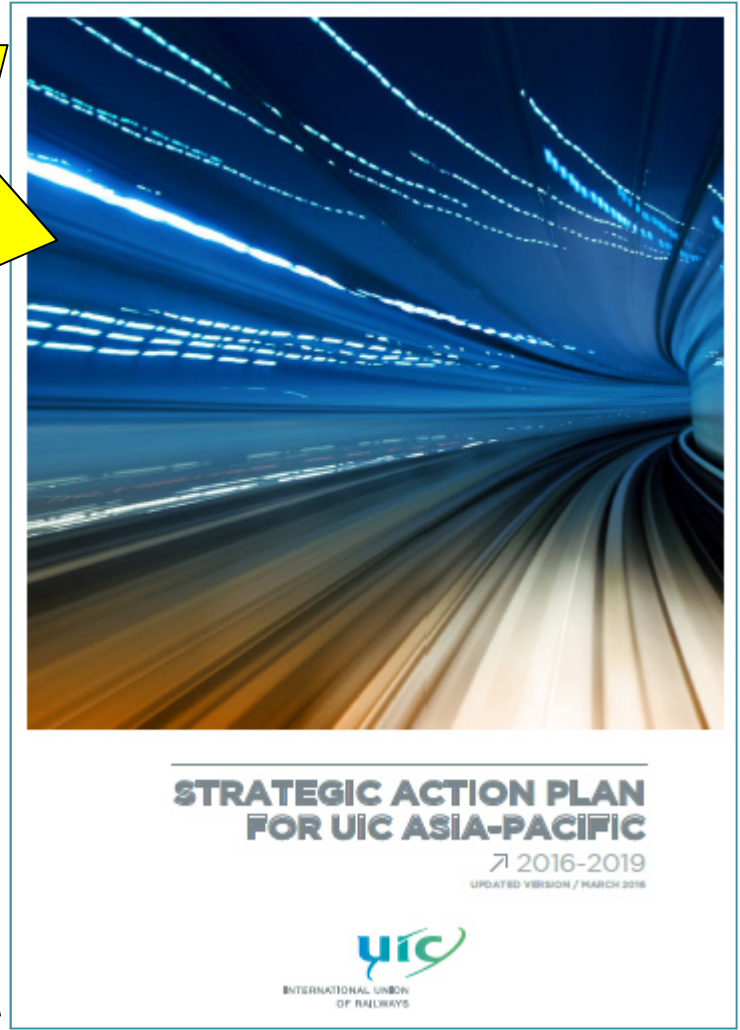
UIC AP VISION 2050 & SAP (Handouts)



Vision2050
Workshop
on 10 May
from 10:00
in Beijing

Summary

Project Sheets





INTERNATIONAL UNION
OF RAILWAYS

unity, solidarity, universality

**THANK YOU
FOR YOUR ATTENTION!**

*Irina Petrunina
UIC East/West Relations Team*