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Report to SPC
Expectations and background on the charge to STCs
Parallel sessions
Jeff Paniati, Chair



Parallel Sessions An overview

Objectives of the parallel sessions:

- To assess the status of the work of the current cycle.
- To discuss preparations for the 2015 Seoul Road Congress.
- To obtain insights from the Technical Committees to inform the Strategic Planning Commission's efforts to shape the substantive work program of the Association for the 2016-2019 cycle.



Parallel Sessions Input into Next Strategic Plan

- Some of the key questions to guide the discussions include:
 - What are the substantive issues on which the Association should focus?
 - Is there a specific **product** or event to be associated with the work on a specific issue?
 - What is the level of effort required to complete the anticipated deliverable(s)?

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Input into Next Strategic Plan

Evaluation criteria- The issues

- Criteria for evaluating proposed topics:
 - Does the topic respond to the interests of member road administrations?
 - Does it include a clear concept of the deliverable(s) (e.g., report, guideline, event, manual) for identifiable audience(s)?
 - The proposal does not duplicate an effort being undertaken by another international organization.



Input into Next Strategic Plan

Evaluation criteria- The products

- Is/Are the deliverable(s) consistent with at least one aspect of the Association's mission?
 - Creating an international forum for analysis and discussion of a road transport issue;
 - Identifying and disseminating best practice;
 - Addressing the needs of developing countries and countries in economic transition;
 - Creating tools to aid decision makers responsible for roads and road transport; or
 - Providing advice on directions to the world's transportation system

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Input into Next Strategic Plan

Evaluation Criteria-The Level of Effort

- Is it a long-term effort that will require multiple cycles to deliver?
- Is it likely this set of activities that could be contained within a single cycle?
- Is it a more singular product that could be delivered in less than a cycle?



Input into Next Strategic Plan

An underpinning consideration

Do the proposals take into consideration potential resource concerns?

- · Considering the level of effort required
- Considering availability of expertise





Input into Next Strategic Plan Examples on Continuity

Principles to consider: stability/continuity, flexibility, and timeliness.

Issue

 Road Safety – an area of interest to a broad segment of member countries

Product

• Road Safety
Manual —
Documenting
and organizing
best practices
from both policy
and technical
lev els to serve as
a ref erence for
members

Level of Effort

- Significant investment requiring continuity bey ond the one cy cle
- Takes adv antage of expertise within and/or that can be secured



Input into Next Strategic Plan Examples on Flexibility

Principles to consider: stability/continuity, flexibility, and timeliness.

Issue

•Security of the Infrastructure -Area of interest to a specific segment of member countries

Product

•Workshop "Security of Road Infrastructure: A Cost or an Opportunity?"

Level of Effort

- •Issue that can be addressed in 1-2 years' time
- •Expertise may be outside the traditional Association membership

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A Possible Structure

Theme A	Theme B	Theme C	Theme D	Theme E
	Standing Comn	nittees/Multi-Cy	cle Committees	S
Τh	ie Commi	ttee on T	erminolo	g у
• SC A.1	• SC B.1	• SC C.1	• SC D.1	• SD E.1
	• Technic	cal Committees (1	raditional)	
• TC A.1	• TC B.1	• TC C.1	• TC D.1	• TC E.1
		Task Forces		
• TF A.1 • TF A.2	• TF B.1 • TF B.2	• TF C.1 • TF C. 2	• TF D.1 • TF D.2	• TF E.1 • TF E.2
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Survey Results from First Delegates
National Committees and
External Organizations

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Strategic Plan 2016-2019 Outreach Strategy

In January 2014 the Association launched an outreach strategy to obtain information from:

- First Delegates
 - ✓ Letter with reference documents identifying emerging issues, topics relevant to developing countries, and the 2010 Direction of Travel document including comments
- Technical Committees
 - ✓ Survey/Questionnaire from General Secretariat
- National Committees
 - ✓ Survey/Questionnaire from General Secretariat
- External Organizations
 - ✓ Series of structured interviews

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First Delegates

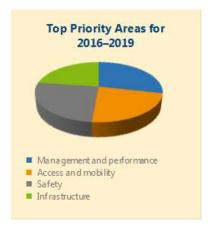
Key Priority Areas for Next Cycle at a Glance

National Safety Programs and Policies – such as safety gains that can be achieved through asset management and maintenance, as well as vehicle-to-vehicle communications and user-focused measures.

Climate Change and Sustainability – including mitigation and adaptation, risk assessment, and disaster management.

Improved Mobility in Urban Areas – including multimodal and active transportation related to pedestrians and bicycles, as well as improvements to urban mobility through modal shifts.

Asset Management – particularly related to maintenance, improving aging infrastructure, as well as use of technology to optimize maintenance strategies and budgets.



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First Delegates Key Priority Areas for Next Cycle

Priority areas:

Climate Change and Sustainability as cross-cutting topics: mitigation and adaptation; risk assessment; disaster management; sustainable design codes; energy conservation

Financing: optimize investments; funding for existing assets; funding for local roads; road pricing; P3

Performance of Transport Administrations: effective management, database on conditions and performance of the roads; organization of road agencies.

Economics and Social Development: holistic view of the process from planning to construction.

Risk Management: allocating risk to private sector; as it relates to management of the assets





First Delegates Key Priority Areas for Next Cycle

Priority areas:

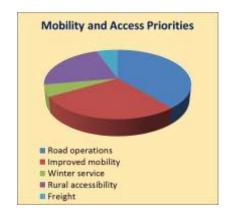
Road Network Operations- Use of ITS; Vehicle-to-Vehicle; use of shoulders; EU directive on E-call systems

Improved Mobility in Urban Areasmultimodal and active transportation (bike/pedestrian); modal shifts; land use

Rural Roads –integration of urban and rural transit; road planning to improve ride-ability; sustainable rural access for motorized and non-motorized vehicles.

Winter Service – Winter Congress; winter maintenance

Freight- Oversize/Overweight Load issues



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First Delegates Key Priority Areas for Next Cycle

Priority areas:

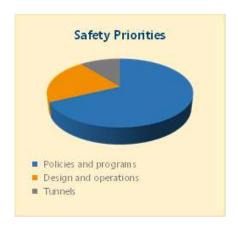
National Road Safety Policies and

Programs-relationship of safety and asset management; pedestrian and bike; use ITS to reduce accidents

Design and Operation of Safer Road

Infrastructure- use of seat belts; driver distraction and fatigue; aging drivers; integration of user behavior to road design and construction

Road Tunnel Operation- sustainability of operations





First Delegates Key Priority Areas for Next Cycle

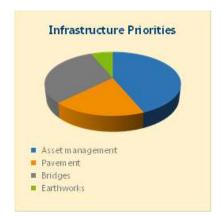
Priority area:

Asset Management - improving aging infrastructure; optimization of maintenance strategies; efficient use of technology to optimize maintenance; risk based approach to asset management

Road Bridges- real-time scour monitoring; aging bridges; disaster mitigation; inspection techniques

Road Pavements- condition monitoring; reducing carbon footprint over life cycle of pavement;

Earthworks and unpaved roads- optimal use of local materials



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First Delegates Other Issue Areas

- · Quality control procedures in road projects
- Future developments brought about by technological changes
- Emerging communications and technology
- Innovation
- Deployment of research
- · Sector skills and training
- Tolling and nationwide tolling for all roads
- Global use of transportation data, including standardization of performance measures and reporting



First Delegates On Effectiveness and Relevance

How the Association's work be made more effective and relevant to the different member states in relation to the different suggested topic areas?

Suggestions:

- Technology
- Meetings
- Membership and Structure
- Technical Committees
- Information Dissemination
- Partnerships

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National Committees Current Efforts

Access and Mobility – especially the development of road networks and rural road systems.

Infrastructure – especially road asset management and road pavement issues.

Safety – more generally, including design and operations, national programs, and road tunnels.



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National Committees Looking Ahead

Key Findings

Performance of Transport Administrations

 including the efficiency of the road administrations through outsourcing and specialization, quality control measures in procurement, and additional legislation for road management.

Design and operations of safer

infrastructure – including improved conditions for pedestrians and technological advances to reduce driver error.

Road pavement – including new pavement technologies.

Improved mobility – including for megacities and road sharing for different modes and functions.



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National Committees Successful Dissemination Practices

Key Findings

- Workshops and Meetings most committees use seminars, workshops, or other meetings to disseminate the Association's products.
- Communication committees reported success with communications with road and non-road organizations within their countries.
- External Collaboration including coordinating across committees or with other organizations.



National Committees

Additional Action to Support on Dissemination

Key Findings

- Meetings and Events additional in-country meetings and additional participation in committees
- Communication including use of social media
- **Publications** including greater use of professional journals to publicize the activities of the committees





External organizations

- •In this report we have synthesized a number of interviews with external stakeholders.
- The report is built on information gathered by interviewing over 20 people on
 - •Challenges for the transport system
 - Challenges for road administrations
 - •PIARC's role
- It is a qualitative synthesis and analysis of the material, not a quantitative report.
- •To best convey the broad implications, we have tried to formulate the results of the material as shifts.





External organizations Some of the respondents

World Bank José Luis Irigoyen, Marc Juhel (Transport Sector)

World Bank/ Sub-Saharan Transport Program (SSATP)

Jean-Noël Guillossou

Director International Futures Programme, OECD

Barrie Stevens

Association of European Contractors Michel Démarre UIC (International Railway organisation) Jean-Pierre Lubinoux, Director General

Northern Dimension Partnership on Transport and Logistics

Oddgeir Danielsen, Director

Inter-American Development Bank Ellis Juan,

Harvey Scorcia (Initiative Emergent and Sustainable Cities);

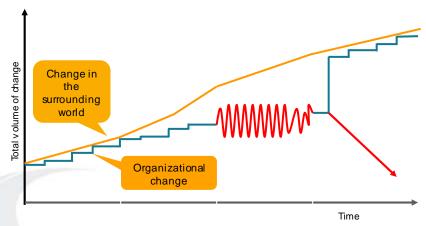
Nestor Roa.

Luis Uechi (Transport Division)

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Organizational development



Source: Gerry Johnson, Kevan Scholes



External organizations on transport systems

From technical focus to integrated perspectives

Urbanization, accessibility through smart mobility in scarcity of space, balance between public and private transport. Financial restrictions. Resource efficiency.

From monomodal to multimodal focus

The road system will always have an important role. But due to urbanization and to congestion, the main task for the road system must be to improve efficient mobility and facilitate multimodality.

From focus on quantity to focus on quality

Traffic safety, climate change and environmental concerns. Shift from building on large scale, to develop sustainability.

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External organizations on transport systems and road adm

From a vehicle perspective to a people perspective

On indicators. To measure vehicles does not provide enough information to build transportation infrastructure in the future. It's about people and well-being.

From focusing on need to fund - to focusing on benefits of funding

In order to ensure funding, the focus must shift from need of funding to what benefits funding will bring.

From focused innovation to system innovation

All areas become more interconnected and thus innovation in the road sector must be connected to innovation elsewhere. From experts to facilitators, Incentives for innovation.



External organizations Road administrations

From building new infrastructure to maintenance of existing infrastructure

Maintenance issues was raised recurrent. Financing and multiple use of existing space in urban areas. Infrastructure has to be maintained, both for environmental and financial reasons.

From working in a silo to working in networks

Road administrations need to take a larger amount of stakeholder into account when they work. Public private partnerships (PPP: s) will become more important. Road administrations must act as brokers to meet challenges and to involve all relevant stakeholders. The public is an important actor to consider, and it will be more important to be able to communicate with the general public and in media.

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External organizations on PIARC

Not so familiar with PIARC, but PIARC seems to be a possibility to reach out

The road administrations and a network of road administrations was seen as a resource.

Challenges for organizations today

- Lack of funding
- Lack of time
- Lack of singularity
- Lack of unity/cohesion
- Lack of focus



A need to relate road issues to global challenges

The benefits of accessibility to creative people, to multifaceted job markets and trade markets, is a key to prosperity and sustainable development.

We need to discuss a change from mobility and transport

 to accessibility and sustainable development as the strategic frame for road administrations

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A need to relate to changed organizational context

What formerly was an issue for PIARC, might not any longer be an PIARC issue for its members.

Information is a free benefit in today's global information world.

A new geography of global information networks including a lot of global organizations competing with PIARC in its traditional field has developed during the last decades.



Information collection – a reflection

PIARC in context of

- challenges and issues for road administrations
- "competing" ways to develop knowledge
- "competing" ways to distribute and exchange knowledge
- "competing" global organizations PIARC in a network

The rate of change is increasing, and all organizations must adapt, identify their specific success factors and probably be in continouos change in the future.

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Information collection – a reflection

Time to consider the role of the organization, is it still relevant?

- Are we doing the right things (effectiveness)?
- Are we doing things right (efficiency)?
- Are there better ways of organizing the work?

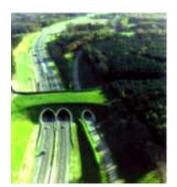
The key for the strategic plan 2016-2019 might not only be the issues, but also to

- Identify a (or possible) future competitive position(s) for PIARC
- Identify paths to go there
- Develop a way of working in PIARC that mobilizes the members in developing the organization



Five challenges for organizations today

- A lack of funding
- A lack of time
- A lack of singularity
- A lack of unity/cohesion
- A lack of focus



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Six triggers for change in international organizations

Structural change
Crises and Disasters
Competition
Norms
Leadership
Learning



Source: Devesh Kapur. 2000. Processes of change in international organizations



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Report to SPC
Operational Issues and Potential Improvements
Jeff Paniati, Chair

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Operational Issues Potential Improvements

The goal of this session was to:

- Summarize key issues and solutions that may be helpful for the next cycle
- Capture information for consideration by SPC and potential forwarding to the ExCom and General Secretariat

Clear from surveys and discussions that operational concerns must be part of what is considered in the next strategic plan – how we do the work, not just the topics.

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Operational Issues

Comments were sought based on three major areas:

- Internal collaboration
- External communication
- Partnering





Operational Issues Possible Approaches

Internal collaboration

- 1. Developing short orientation documents outlining responsibilities for various TC roles: Chair, Secretary, Working Group Leader, Member, Corresponding Member
 - Documents would also include the business case/value proposition for assuming each of these roles.
- 2. Detailed Technical Committee Chair Guide given to those named to the leadership positions, describing detailed commitments, timelines, resources available, technology support, and FAQ



Operational Issues Possible Approaches

External communication

Visibility of the organization and its products is the critical concern.

- 1.WRA Electronic newsletter (monthly, bimonthly) highlighting various aspects of the Association's work articles, descriptions of works in progress, developments in member countries, readouts from seminars, advertisements for upcoming events
- 2.WRA Webinar Series drawing from reports, seminars, works in progress to discuss issues of interest to members
- 3. Continue to employ different formats (web-based, PDF, etc.) to ensure products are accessible to target audiences.

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Operational Issues Possible Approaches

Partnering

- Provide explicit direction to new Technical Committees to identify and engage contacts with external organizations based on the anticipated work of the TC. We encourage the use and cultivation of working level relationships.
- TCs should invite external representatives to be part of creating products, where appropriate, to foster greater familiarity and interest.
- 3. Identify where contacts with external organizations should be formalized and elevated. In these cases, we would look to the TCs for recommendations on how best to approach at the corporate management level.



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Strategic Theme 1 – Performance of Transport Administrations

ST Coordinator: Friedrich Zotter

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Strategic Theme 1

Management and Performance

Tasks for the breakout session

- Status of deliverables under the 2012-2015 Strategic Plan
- Discussion of National Reports and Approach to Strategic Direction Session in Seoul
- Strategic Plan 2016-2019:
 - recommendations for Issues to be addressed,
 - associated structure/organization



Strategic Theme 1

Management and Performance

Status of deliverables under the 2012-2015 Strategic Plan

- Status of Contents of Technical Reports
- Status of the Drafting of the Reports
- Awareness and Responsibilities for the QA/QC Process
- Progress, Performance and Results of seminars
 - input in Technical Reports and for the Seoul Session of TC
 - Co-operation with Regional Working Group
- Translation support for Technical Reports
- Preparation of the Seoul Session, individual Call for Papers

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Strategic Theme 1

Management and Performance

Strategic Plan 2016-2019

- Task for this breakout session:
 - recommendations for issues to be addressed,
 - associated structure/organization
- Work Routine:
 - take the Priority Areas of TCs 1.1-1.5. as a base
 - check Key Focus Areas and new proposed Topic Areas
 - review and discuss the main other results of the surveys
 - add new ideas and delete insufficient proposals
 - discuss organizational/structural matters of the TC-work
 - lay special focus on developing countries and on security matters



Strategic Theme 1 Management and Performance

What the issue is?	What the product might be?	What effort is involved to deliver this?
Cross cutting performance and management	Midterm "congress" for the entire Strategic Theme, replacing one of the seminars (in the context of broader transport)	halfw ays

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Strategic Theme 1 Management and Performance TC 1.1.

What the issue is?	What the product might be?	What effort is involved to deliver this?
Performance management of transport systems (measuring efficiency and effectiveness)	Guideline for measuring efficiency and effectiveness, joint seminars in key countries, Case studies, surveys, workshop	Entire cycle
Good governance and anti- corruption as part of performance management	Work as consultancy for a country to solve a specific issue, guideline on good governance and anticorruption, seminars, Workshops,	Entire cycle
Road Administrations contributing to joined up government working across transport modes	Guidelinesfor interactions between merging transport agencies, Technical Report, case studies and reports	Entire cycle

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Strategic Theme 1 Management and Performance TC 1.2.

What the issue is?	What the product might be?	What effort is involved to deliver this?
Expansion of modern and innovative financing strategies	Case studies, seminars	Entire cycle
Guidance on when to use PPP and what types of contracts to use	Netw ork information as a basic input, create a database for countryw ise analysis, w orkshop	Entire cycle
Focus on developing countries	Create a specific approach for developing countries, seminars in appropriate countries	Entire cycle

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Strategic Theme 1 Management and Performance TC 1.3.

What the issue is?	What the product might be?	What effort is involved to deliver this?
Air quality and noise	Technical Report, review of challenges and techniques for overcoming	1 TC cycle R/R article
Circular economy	State of the art review, example for application in the road sector, Technical Report that integrates the concept of circular economy within road management	Liason with TC 1.4 Interim report half ways stage, R/R article
Climate change adaption strategy	Target a specific problem (e.g. rural roads and climate change) t.b.d.	Collaboration with Rural roads committee and possible with TC 1.4, as a shared issue. Some external expertise needed and techniques on roads and road transportation



Strategic Theme 1 Management and Performance TC 1.4.

What the issue is?	What the product might be?	What effort is involved to deliver this?
Modelling, how transport infrastructure investments schemes affect the wider economy	Technical Report, workshop	1 full cycle
Comparison of national evaluation methods (economical studies)	Technical Report, survey and case studies, seminar	Permanent task
Evaluation of efficiency in maintenance strategies, Ex-post evaluation of projects	Technical Report, survey and case studies	1 fully cycle, cross cutting activity with other ST

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Strategic Theme 1 Management and Performance TC 1.5.

What the issue is?	What the product might be?	What effort is involved to deliver this?
Strategic risk management for various operation phases of road project	Technical report,	Completion of the report from the past cycle until end of coming cycle
Emergency management for quick and safe recovery from major disasters	Survey, technical report, upgrade of the risk management manual	Completion within the cycle
Information management and communication with the public in risk and emergency management	Survey, technical report, upgrade of the risk management manual	Issue beyond cycle

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Strategic Theme 1

Management and Performance

Overall Organisational / structural matters

- Establish a midterm "congress" for the entire Strategic theme combining several seminars (more efficient)
- Flexible Terms of reference to be adjusted according to TC nominees expertise (provide for the possibility to adapt the terms of reference according to the expertise of the TC)
- Promotion of workshops (high benefit, less costly)
- Coordination of permanent consultancy to member countries for specific problems
- Provide regular communications and advisories to member countries on emerging topics
- · Succesfull seminars require high commitment by host country
- Integration of Developing Countries
- · Contact between meetings by video conferences



PIARC SPC 1-2 July 2014 Parallel session for ST2

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Strategic Theme 2: Access and Mobility Parallel session discussion

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Parallel session TC meeting schedule

ST	TC	1st	2nd	3rd	4th	5th	6th	7th	8th	
	2.1 Road Network Operations	Paris 13-16 March 2012	Vienna 18-19 October 2012	Singapore 30-31 May 2013	Buenos Aires 4-5 November 2013	Johannesburg 3-5 June 2014	Xi' an 10-11 November 2014	Rome 1 st semester 2015	Seoul 2-6 November 2015	
	2.2 Improved Mobility in Urban Areas	Paris 13-16 March 2012	Bologna 8-9 November 2012	Rhode Island 3-4 May 2013	Buenos Aires 4-5 November 2013	Paris 9-11 April 2014	Bandung 6-7 November 2014	Bucharest or Madrid April 2015	Seoul 2-6 November 2015	
ST2	2.3 Freight Transport	Paris 13-16 March 2012	Stockholm 21-22 September 2012	Chicago 22-24 May 2013	Montevideo 25-26 October 2013	Basel May 13-15 2014	<cameroon> November 2014</cameroon>	Abu Dhabi 1 st semester 2015	Seoul 2-6 November 2015	
	2.4 Winter Service	Paris 13-16 March 2012	Andorra la Vella 18-20 September 2012	Santiago 3-4 June 2013	Garmisch- Partenkirchen 2-4 October 2013	Andorra la Vella 3&7 February 2014	Madrid 1-3 October 2014	<romania> 1st semester 2015</romania>	Seoul 2-6 November 2015	
	2.5 Rural Road Systems and Accessibility to Rural Areas	Paris 13-16 March 2012	San Salvador 26-27 November 2012	Rome 16-17 May 2013	Durban 25-26 November 2013	Budapest 25-27 June 2014	Rabat November 2014		Seoul 2-6 November 2015	2



Parallel session International seminar schedule

ST	TC	1st seminar	2nd seminar
	2.1 Road Network Operations	Argentina (Buenos Aires),	China (Xi'an), 12-14 November 2014 with TC1.5
	2.2 Improved Mobility in Urban Areas	6-8 November 2013	Indonesia (Bandung), 3-5 November 2014
ST2	2.3 Freight Transport	Uruguay (Montevideo), 28-30 October 2013	Cameroon, 2 nd half 2014
	2.4 Winter Service	Chile (Santiago), 5-7 June 2013	Romania, 1 st semester 2015
	2.5 Rural Road Systems and Accessibility to Rural Areas	El Salvador (San Salvador), 28-30 November 2012	South Africa (Durban), 27-29 November 2013

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Parallel session Deliverables

Status of each technical report

TC	Issue	Table of Contents	Remarks about progress
	2.1.1 Road network management for improved mobility	done	- Take systematic
2.1 Road Network Operations	2.1.2 Use of ITS including consideration of planning for future improvements and upgrades; consideration of economy	done	approach by the review teams to ensure QA/QC - Collaborate with some external
	2.1.3 Cooperative vehicle highway systems	done	organizations - Follow the scheduled course of
	ITS & Road Network Operations Web-source (Flagship product)	done	action so far

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Parallel session Deliverables

Status of each technical report

TC	Issue	Table of Contents	Remarks about progress	
	2.2.1 Comparison of strategies for sustainable urban mobility	done	- Create outputs based on comprehensive	
2.2 Improved Mobility in Urban Areas	2.2.2 Design of transport infrastructure for multimodality in urban areas	done	surveys and case studies - Cross-link each issue in the report - Follow the	
	2.2.3 Promotion of walking and cycling	done	scheduled course of action so far	





Parallel session Deliverables

Status of each technical report

TC	Issue	Table of Contents	Remarks about progress
2.2 Froight Transport	2.3.1 Freight management	done	 Drafting of chapters of the report is in progress The timeline for the
2.3 Freight Transport	2.3.2 Co-modality for freight transport	done	reports is completed - Follow the scheduled course of action so far

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Parallel session Deliverables

Status of each technical report

TC	Issue	Table of Contents	Remarks about progress	
	2.4.1 Crisis management of unusually severe and/or sustained snow events	done	- General report of the winter road congress in Andorra is completed - Develop the final proceedings of the congress to make available soon - Finalize the snow and ice databook in due time - Make the progress of	
	2.4.2 Sustainability and climate change considerations in winter operation	done		
2.4 Winter Service	2.4.3 Advanced technology for data collection and information to users and operators	done		congress to make available soon - Finalize the snow
	2.4.4 Preparation of the 2014 Winter Road Congress in Andorra	done		
	Snow and Ice databook (Flagship product)	done	three TC reports on track	

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Parallel session Deliverables

Status of each technical report

TC	Issue	Table of Contents	Remarks about progress
	2.5.1 National policies for sustainable accessibility to road areas	done	- Integrate a variety of practical case studies for TC reports
2.5 Rural Road Systems and Accessibility to Rural Areas	2.5.2 Management of rural road planning, maintenance and improvement	done	- The needs of developing countries have been highlighted - Follow the scheduled course of action
	2.5.3 Promoting sustainable maintenance of rural road systems	done	

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Par	+ 1	-	reflection	from the	current cycle
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Issue	Opinions and Comments	
Expertise of the Technical Committee or Task Force	 Gaps include emerging technologies and ability to objectively quantify interest in topics such as winter service Private sector participation may bridge gaps 	
2. Defining the work program	- In general procedural changes for this cycle were positively reacted by most TCs	
3. Developing the work program	- Issues should correspond to the subjects targeted by the previous cycle	
4. Operation of the Technical Committees and Task Forces	 Budgetary restrictions hinder attendance Only core members are active and conducive to TC work, so active management of membership is required Additional administrative support from PIARC GS may help more attendance (finance, assistance for visa, etc) More use of web-meeting is expected to increase participation, but a number of participants should be limited Someone special who follow up TC work may be necessary Internal seminars of all TC members for one ST may be effective Financial support for translation at the meeting is required. 	



Parallel session TC Survey Results

Part 1: reflection from the current cycle

Issue	Opinions and Comments	
5. Interaction with the Strategic Theme Coordinators (STC)	 Interaction between STC and TC chairs is limited More communication led by STC is requested 	
6. Communication and working methods within the Technical Committees and Task Forces	 Use of workspace may be helpful, but it is not easy to use Discussion forum does not work at all due to language differences, limited access, etc Doodle polls is frequently used WebEx system is often used, but connectivity, accessibility, language barriers may be at issue 	
7. Outputs	 Dissemination of outputs needs to be considered Validity of QA/QC needs to be checked, but it will be worth doing Flagship products should concern emerging and innovative technologies, and multi-cycle products should consider abstract concepts 	1



Part 1: reflection from the current cycle

Issue	Opinions and Comments	
7. Outputs (continued)	 Offering subscriptions to the website is suggested Regular market surveys or opinion polls should be conducted Creation of a transverse task force is suggested to collect the needs of each TC Open-call process is reasonable, and transparency should be increased on the bid evaluation process Future open-call should consider developing countries 	
8. Seminars	 Seminars provide the forum for communication Networking at seminars can bridge gaps in products More support for developing countries and addressing topics matching their needs are required Poster sessions should be incorporated to promote discussion Improved awareness of seminars is required by more publication and more cooperation with regional organizations 	

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Parallel session TC Survey Results

Part 2: development of the next strategic plan

TC	Priority areas	
2.1 Road Network Operations	 Management of road networks for better mobility, including through the use of new traffic technologies Worldwide coordination of connected and automated vehicles Vehicle/road cooperative systems Probe vehicle data Transportation's role in a connected society Creating transportation solutions that benefit people and not just the movement of cars Low-cost ITS application focused on developing countries Inter-operability Utilizing smart phones to facilitate public transport 	



Part 2: development of the next strategic plan

TC	Priority areas
2.2 Improved Mobility in Urban Areas	 Integration of land use and transportation (e.g., livable communities, transit-oriented development) Improved methods for traffic and person-trip surveys Measures and strategies to secure multimodality Sustainable urbanization and sustainability performance measures for transportation systems Adaptability of existing infrastructure to new types of vehicles Adaptable design of infrastructure to meet future needs Mobility for the increasing population of the elderly Multi-modality and flexible mobility with a mind to railway network Investigate mobility needs pattern

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Parallel session TC Survey Results

Part 2: development of the next strategic plan

TC	Priority areas
2.3 Freight Transport	 Management of truck traffic on highways and motorways Energy-efficient freight transport Best practices in evidence-based policy-making and evaluation for freight transport initiatives, including performance indicators Logistics with economic activities: solution for minimizing the impact of congestion on supply chains

Additional experience needed

- More involvement from developing countries



Part 2: development of the next strategic plan

TC	Priority areas
2.4 Winter Service	 Developing new approaches to snow removal that efficiently deliver of salt&brines Information management at all levels Updating Snow and Ice Data Book Performance measures for the provision of winter service Utilizing sustainability tools to evaluate strategies for delivery of winter service Transportation system management & operations during winter events Sharing best practices during extreme weather

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Parallel session TC Survey Results

Part 2: development of the next strategic plan

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TC	Priority areas	
2.5 Rural Road Systems and Accessibility to Rural Areas	 Allocation of economic resources for the maintenance of road assets, taking into account current changes and verification of expenses Public policies as well as sustainable maintenance of rural roads and their promotion Further enhancement of establishing maintenance funds Design and rehabilitation of rural roads Creating the web-based tools for management of road maintenance Utilizing mine minerals for rural road construction and maintenance 	



Strategic Theme 2

Access and Mobility Technical Committees

What the issue is?	What the product might be?	What effort is involved to deliver this?
Winter Service – Area of interest to member countries with much snowfall	Snow and Ice Data Book	Break into a special project to coordinate updating separate from the winter road congress
	Proceedings and general report for Winter road congress in Poland 2018	Address this issue within a single cycle
Urbanization – Area of interest to a broad segment of member countries	Guidance reports suggesting multimodality, use of technology with low-cost, land use, and city logistics	Address this issue within a single cycle

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Strategic Theme 2

Access and Mobility Technical Committees

What the issue is?	What the product might be?	What effort is involved to deliver this?
Efficient approaches to deliver salt & brine technical effort target practitioners (new)	Report of best practice based on case studies	Full cycle - case studies
Transport system management and operation during winter events (builds on past work)	Report of best practice – based on case studies	Full cycle – builds on past work associated with data from vehicles, information to motorists, and collaboration with traffic management centers during winter events
Sharing best practices during extreme events (builds on past w ork)	Series of webinars (possibly 3)	½ cycle to promote workfrom current cycle and works presented during winter road congress in Anorra 2014

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Strategic Theme 2

Access and Mobility Technical Committees

What the issue is?	What the product might be?	What effort is involved to deliver this?
Determine models to establish performance measures and indicators for level of service and performance of service delivery (new)	Report of best practices Possible webinars mid- cycle	Full cycle – collaboration with mirror committees, determination of case studies
Winter road congress preparation includes refreshing the snow and ice data book (Flagship)	Proceedings of WRC – Poland publish snow and ice data book	¾ cycle

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Strategic Theme 3 Safety Justin Ward on behalf of Roy Brannen

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Emerging issues

- Road safety manual
- · Security,
- Vulnerable Road Users (inc. cyclists/motorcyclists),
- Safe system evolution,
- Safety culture,
- Low noise vehicles
- Automated vehicles,
- · Communications vehicles/infrastructure/pedestrians
- Design factors
- Planning, urbanisation



Emerging issues

- Tunnels
 - Sustainable and efficient road tunnel operation
 - Optimisation of safety measures
 - Knowledge sharing on tunnel operations and safety





Core business 2016-2019

- Housekeeping & dissemination of Road Safety Manual
- Seeding information security
- Technical committees/task force/working groups – 'strategic thinking' and 'operational implementation'
- Tunnels

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New ways of working

- · Value chain of information/knowledge
 - TED talks, online web training
- Collaboration internally
 - Asset Mgt & ITS/Network Operations Manuals, Security
- Collaboration externally
 - Automotive industry issue of standards, automotive vehicles, low-noise etc.

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Strategic Theme 3 Task force continuity

What the issue is?	What the product might be?	What effort is involved to deliver this?
*Road Saf ety Manual – core housekeeping	Relev ant and up-to-date Manual on Road Saf ety	Updating, with some current Task Force members
*Security across other activities of the Association	Relevant TC areas coverage of security in seminar/reports/ manuals	Virtual Task Force that steers security issues/expertise to relevant TC/TF areas Resource issues challenge

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Strategic Theme 3 Strategic thinking

What the issue is?	What the product might be?	What effort is involved to deliver this?
*Safe system evolution – issues of how to implement these systems and how these have evolved overtime	If there is diversity of opinion the RSM could draw out some of the differences. Need to provide clear guidance to low and middle income countries Seminars/webinars	Working group. Room for collaboration with OECD who are doing work on this

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Strategic Theme 3 Strategic Thinking

What the issue is?	What the product might be?	What effort is involved to deliver this?
*Saf ety culture (railway vs roads), organisational cultures Workf orce development— transportation safety, do we have best practices, particular with lower and middle income countries (link to culture)	RSM (case histories – through stories) (not just Roads Sector, but other industries, aviation, chemicals, energy – society, sector, organisation perspective) Article in Routes Roads International Seminars	Small task force
Setting speed limits and the criteria for establishing this. More from injury perspective – if safe system approach adopted this will be looked at	RSM link – chapter in the Manual Inf luencing/working with WHO Proper guide dev eloped to approach to setting standards.	Collaboration with WHO (a manual 2008/9 update)



Strategic Theme 3 Vulnerable users

What the issue is?	What the product might be?	What effort is involved to deliver this?
*Vulnerable road users – pedestrians, cyclists, motorbikes, the elderly and incorporating them in an increasingly congested environment. [Cyclist as new form of mobility in its own right – policy implications, emerging need for more robust regulatory framework for this mode of transport]	Synthesis that leads to enhanced section on Vulnerable Road Users that sits within the RSM	1- 2 y ears. Small group to provide more details on guidance on policy development on vulnerable road users Set challenge for small group to do PIARC doc review, develop best policy
Motorcy cle safety	Asset management link Cities Special session at the World Road Congress, 2015	Could be a task force.

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Strategic Theme 3Design issues and guidance

What the issue is?	What the product might be?	What effort is involved to deliver this?
*Low and Middle Income Countries – catalogue of design and safety problems. Useful guidance around kinds of problems that can occur on the network. Easy to use, practical guidance	Build on catalogue already produced Future update of RSM (case studies) as part of web-based manual	TC work (issue of securing Low and Middle Income Countries involvement)
Highway designs (intersections and interchanges to eliminate worse conflicting movements e.g. Utah. How to describe best process planning of roads that a commensurate with safety (linear settlements)	Signposting guidance- Crash modification factors (United States), Highways Agency.	Work Group

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Strategic Theme 3Design issues and guidance

What the issue is?	What the product might be?	What effort is involved to deliver this?
New update taking a safe sy stems approach for road saf ety audit guidelines	Updated guidelines (take account of RSA guidance)	Working Group exercise.
Innov ative safety devices (barriers, lights). Infrastructure as important to new technology to balance driving error (mitigation measure)		

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Strategic Theme 3 Asset management

What the issue is?	What the product might be?	What effort is involved to deliver this?
Asset management – potential safety benefits gained from asset management and maintenance (whole life cost, ownership, gov ernance)	Research on evidence based with the link between asset management and safety	12 month – short term (?) to look at this. Questiomaire to countries (compliant with Blue Guide).
	Asset management manual – input f rom a safety perspective	Small group to review the AM Manual which could be considered for update. Short- term task and finish group



Strategic Theme 3 Behavioural issues

What the issue is?	What the product might be?	What effort is involved to deliver this?
*Driver distraction and fatigue	Finish current work. Future integration with the RSM	Current TC work under WG.
Application of nudge theory to road safety issues	Article in Routes Roads	TC work

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Strategic Theme 3 Tunnels

What the issue is?	What the product might be?	What effort is involved to deliver this?
*Tunnels – ongoing sustainable operations	Up to date and relev ant Tunnels Manual Sustainable operation for complex underground facilities (Case studies/monographs/Tunnel manual updated) Sustainable operation of the tunnel equipment (ventilation/lighting/etc) (Technical Report) Reliability, availability, maintainability (Tool – Future update of the Tunnels Manual) Lighting – LED interest (Routes Roads)	TC workplan 1 Working group (current cycle – carry this forward)



Strategic Theme 3 Tunnels

What the issue is?	What the product might be?	What effort is involved to deliver this?
Tunnels – organisation of management of safety measures	Up to date and relev ant Tunnels Manual Review of Tunnels Manual to account for safety issues from a multi-modal perspective Designing new and refurbished tunnels for effective and efficient maintenance (Big issue – potential new TC report) Judicious design of safety measures (Contribution to other reports) Lay by es and obstacles (Paper for Routes Roads) Improve interaction between users and safety systems (inc disabled users) (Technical Report)	TC workplan item



Strategic Theme 3 Tunnels

١	What the issue is?	What the product might be?	What effort is involved to deliver this?
	Tunnels knowledge sharing on tunnel operations and safety	Update and improve the manual to ref lect the new reports from current and f uture cycle Dev eloping on-line training courses Terminology – liaison with CTERM	
(Mobility impairment and how to deal with these issues in Tunnel environments.	Report on compilation of best practice on the topic	Already under development so likely to complete early into the new cy cle. Would form part of tunnels new WP.



Strategic Theme 3 Automotive sector

What the issue is?	What the product might be?	What effort is involved to deliver this?
*Automated vehicles – how to use new technology to improve safety (e.g. automatic driving, possible opportunities with this)	Summary of current dev elopments and synthesis of best practice examples. Guidance to road authorities. World wide standards Global – linked to funding for projects	TC/TF sub group to take forward Collaboration with the automotive industry – proactive approach.
*Developing (developed?) countries – low cost cars and the risk to safety. How to consider safety implications of this	Paper setting at emerging issues and possible mitigations.	TC/TF workplan item within 4 year cycle Collaboration with NCAP, vehicle manufacturers



Strategic Theme 3 Automotive sector

What the issue is?	What the product might be?	What effort is involved to deliver this?
*Harnessing technology to improve safety Vehicle to vehicle Vehicle to road side Vehicle to pedestrian (smartphone communications with the car) e.g. work by Honda	Technical report on work with ITS & automotive sector and implications for safety.	
*Low noise v ehicles – emerging fleet change f rom fossil fuel to electric v ehicles and the associated safety risks.	Summary paper of current research and dev elopment with guidance on best practice to deal with change.	TC/TF start 2 year work piece Tunnels – v entilation issues to consider



Strategic Theme 3 Urbanisation and planning

What the issue is?	What the product might be?	What effort is involved to deliver this?
Urban env ironment – safety issues that are appropriate in this area (considering the wider network)	Report on best practice across the world. Smart safe cities. Dev eloping countries – linear dev elopment, planning and road safety. Planning a safe network (considering urban safe network) how to dev elop a safe configuration	Work group

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Strategic Theme 3Dissemination and capacity building

What the issue is?	What the product might be?	What effort is involved to deliver this?
Production and dissemination of road safety manual	Operational issue – link to seminar Promotional video distributed through the net. TED talks concept for international seminars	Good teachers/delivers of content



Strategic Theme 3 Other issues

What the issue is?	What the product might be?	What effort is involved to deliver this?
Low income countries – good data lacking. Clear lead indicators for Low and Middle Income Countries lacking	Lead perf ormance framework for safety based on human tolerances (building on past PIARC work)	WG/TF
The issue is that multi-modal networks are complex	Tunnels – complex underground networks	Working Group/Task Force

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Summary

- Task force continuity
- Strategic thinking
- Vulnerable user
- Design issues and guidance
- Asset management
- Behavioural issues
- Tunnels
- Automotive sector
- Urbanisation and planning
- Dissemination and capacity building
- Other issues



Conclusion

- STC 3 excellent basis on which to build the future plan
- Opportunities for greater internal/external collaboration
- Continue to take advantage of new ways of working

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Strategic Theme 4 - Infrastructure
ST Coordinator Candidate: Mr. Vicente Vilanova

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Strategic Theme 4 Infrastructure Technical Committees

Strategic Theme 4 is composed of the following Technical Committees:

- 4.1 Roads Asset Management
- 4.2 Road pavements
- 4.3 Road bridges
- 4.4 Earthworks and unpaved roads



Strategic Theme 4 Infrastructure 2012-2015 deliverables - Seminars

Seminars 2012-2015:

All TCs have planned and schedule 2 seminars for 2012-2015

3 seminars already held:

- TC 4.1 March 2014, Cancun, 250 participants
- TC 4.2 March 2014, Beijing, 299 participants
- TC 4.4 June 2014, Rabat, 60 participants

On top of SURF 2012 and REAAA Conference 2013.

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Strategic Theme 4 Technical Committee 4.1 2012-2015 deliverables

Title of the report (other products indicated into brackets)	Final Version including QC&QA in 1st language	Other languages versions
Assessment of budgetary needs for maintenance of road infrastructure + Optimization of maintenance strategies for multiple assets of road networks (joint report).	English version finalized December 2014	French and Spanish version spring 2015
Balancing of environmental and engineering aspects in management of road networks.	English version presented March 2015	French and Spanish September 2015.
Road Asset Management Manual (Manual)	Only in English to be presented during Seoul Congress.	French and Spanish versions need a task force for next cycle.

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Strategic Theme 4 Technical Committee 4.2 2012-2015 deliverables

Title of the report (other products indicated into brackets)	Final Version including QC&QA in 1st language	Other languages versions
Road condition monitoring and road/vehicle interaction	English version ready in November 2014	French and Spanish in April 2015
Reduction of the life cycle carbon footprint of pavement construction	English version ready in November 2014	French and Spanish in April 2015
Expected life of wearing course	English version ready in November 2014	French and Spanish in April 2015
Recycling and reuse of pavement materials (guideline).	English version ready in November 2014	French and Spanish in April 2015

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Strategic Theme 4 Technical Committee 4.3 2012-2015 deliverables

Title of the report (other products indicated into brackets)	Final Version including QC&QA in 1st language	Other languages versions
Adaptation to climate change	English version October 2014	French and Spanish May 2015
Risk-based management of the bridge stock	English version October 2014	French and Spanish May 2015
New repair and rehabilitation methods	English version October 2014	French and Spanish May 2015
Estimation of load carrying capacity of bridges based on damage and deficiency	English version October 2014	French and Spanish May 2015

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Strategic Theme 4 Technical Committee 4.4 2012-2015 deliverables

Title of the report (other products indicated into brackets)	Final Version including QC&QA in 1st language	Other languages versions
Optimal use of local materials	French version November 2014	English and Spanish July 2015.
Manual of construction methods and materials for earthworks	French for July 2015.	English and Spanish November 2015
Slope and foundation drainage and storm water management	English for July 2015.	French and Spanish November 2015
Maintenance techniques for unpaved roads in developing countries	French version November 2014.	English and Spanish July 2015.

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Strategic Theme 4 Infrastructure Preparation for World Road Congress

Strategic Direction Session, Seoul 2015: Optimizing road infrastructure investments and accountability

 Check for possible overlap with TC 1.1 Performance of Transport Administration Technical Session.

"Accountability and transparency in the management of public investment in road infrastructure prompt road network managers to adopt new practices"

 ST Coordinator will review the National Reports together with a designated person from each TC.

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Strategic Theme 4 Infrastructure Preparation for World Road Congress

Proposed workshops for World Road Congress, Seoul 2015:

 Technical Committee 4.2 Road Pavements, proposes to hold a workshops on Pavements Recycling with the participation of TC 4.2, REAAA and Korean Engineering Association.

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Strategic Theme 4 Technical Committee 4.1 Issues for SP 2016-2019

What the issue is?	What the product might be?	What effort is involved to deliver this?
Maintenance and improvement of the Road Asset Management Manual (1)	Manual: extension to proficiency and advance level	Working Group within TC (for geotechnical aspects in cooperation with TC 4.4) for multi-cycles duration.
Educational training on Asset Management	Training plan as a suggestion for establishing Master course	Working Group within TC, including university teachers and RAM experts.
How to foster and promote innovation on Asset management?	Seminars and Workshops (like the one with REAAA)	Presentations by TC members and local experts.
Promotion of the results of the previous cycle	Workshops	Next cycle representatives

(1) Including: Risk management (cooperation with TC 1.5) and life cycle assessment (cooperation with TC 4.2) + TF for French and Spanish versions





Strategic Theme 4 Technical Committee 4.2 Issues for SP 2016-2019

What the issue is?	What the product might be?	What effort is involved to deliver this?
Noise reducing pavement	Technical report and	WG within TC, only one
technologies and their	seminars presentations	cycle.
implementation		
Low cost pavements for	Technical report and	WG within TC, only one
low volume roads	seminars presentations	cycle.
Life cycle assessment of	Technical report and	WG within TC, only one
highway pavements using	seminars presentations	cycle.
carbon footprint estimation		
Road pavements: Designed	Technical report with case	WG within TC, only one
lifetime vs. real lifetime,	studies	cycle.
and quality control.		
Update and improvement	Recycling Techniques	Discussion within TC during
of the Recycling	Guidelines annually reviewed	meetings, multi-cycle
Techniques Guidelines		s and techniques on roads and road transportation



Strategic Theme 4 Technical Committee 4.3 Issues for SP 2016-2019

What the issue is?	What the product might be?	What effort is involved to deliver this?
Good and poor examples in inspectability and maintainability in bridge design	Technical report and seminar presentations	WG within TC, only one cycle
Comparing rehabilitation methods in economical and technical aspects	Technical report and seminar presentations	WG within TC, only one cycle
Compare damage assessment techniques and how results are incorporated into evaluation models	Workshop and then technical report	WG within TC including university professors, only one cycle.



Strategic Theme 4 Technical Committee 4.4 Issues for SP 2016-2019

What the issue is?	What the product might be?	What effort is involved to deliver this?
Optimal used of local materials and industrial byproducts	Web based Guidelines (may be database) and workshop	WG within TC, multi-cycle
Update and improvement of the Earthworks Manual	Earthworks Manual updated every cycle	WG within TC, multi-cycle
Drainage and water management techniques innovations for foundations and slopes	Technical report and a seminar	WG within TC, one cycle
Commercial additives for unpaved roads	Protocol of evaluation of additives for unpaved roads	WG within 2.5 or 4.4 TC, one cycle
Geotechnical Asset management indicators (1)	Part of the Road Asset Management Manual	WG in cooperation with TC 4.1, multi-cycle

(1) Feasibility depending on TC size (more than 20 active members vs 12 today)



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PRPOSED STRATEGIC PLAN STRUCTURE BASED ON MID-CYCLE AND SPC DISCUSSIONS

Jeff Paniati
Strategic Planning Commission Chair

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Strategic Plan Goals

Identify strengths within the work the Association is doing. Carry these efforts forward.

Maintain flagship products, ensure their promotion and use. Identify opportunities to make the Association more relevant to stakeholders.

Seek a mix of approaches that provide continuity and flexibility so that the Association remains responsive.

- · Leverage technology to enhance communication and visibility
- Provide a more continuous flow of products.

Finding the niches/comparative advantage, the places to partner

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Assumptions:

We want an organization that provides valuable information to members based on current needs, conditions, and priorities

Higher profile, more value, more visible





Strategic Plan What did we hear?

Feedback from our stakeholder surveys and the reports from the Strategic Themes suggest the following lines of work:

- Safety
- Mobility (with emphasis on urbanization)
- Infrastructure (with emphasis on asset management)
- Management and Finance (with questions about capacity in the finance area)
- Climate change (as an area of emphasis but with concerns about capacity/expertise and a suggestion that it look at environment more generally)



Strategic Plan Potential Structure

Feedback from the stakeholder surveys and the reports from the 4 Strategic Themes suggest using a mix of structures:

- Some multi-cycle committees (Standing Committees)
- · Some traditional Technical Committees
- Some short-term committees (Task Forces)





Strategic Plan Potential Structure

Multi-cycle/Core Work:

- Terminology
- Road Safety Manual
- Road Tunnels
- ITS/Road Network Operations
- Winter Service
- Asset Management (including HDM 4)



Strategic Plan

Suggested Charge for Standing Committees

Generally, we would want Standing Committees to have the following responsibilities:

- Maintain existing flagship product.
- Market and disseminate the product to target audiences; promote implementation.
- · Identify key opportunities for improving the product.
- Build partnerships with organizations that can support these efforts.
- Establish work and membership plans to enable seamless transitions across cycles.
- Identify timelines and resource needs associated with their work

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Strategic Plan Example of a Standing Committee

What the issue is?	What the product might be?	What effort is involved to deliver this?
Tunnels -Ongoing sustainable operations -Organization of management of safety measures -Knowledge sharing -Dealing with mobility impairment in the tunnel environment	Up to date and relevant Tunnels Manual Update and improve the manual to reflect the new reports from current and future cycle Developing on-line training courses Terminology – liaison with CTERM Report on compilation of best practice on the topic of mobility impairment in the tunnel environment	



Strategic Plan Approach to Other Issues

- Assess the existing TCs (strengths, areas of concern)
- Consider the opportunities suggested in the Strategic Theme reporting.
- Consider the messages given by the stakeholder surveys
 - Where do we have coinciding suggestions?
 - Where do we have divergences?

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Safety

Vulnerable road users – What could we do that would be unique
Human factors and design
Safety policy implementation to support LMIC
Refreshing guidance to build capacity
Special event related to safety efforts in context of the UN Decade
Security – low scale activity to follow recent workshop



Access & Mobility

Urbanization – priority issue; need to define our role/opportunity area, possibly intra-urban, modal integration; need to consider connection with other organizations on a specific basis)

Rural roads – year-round use and maintaining access; accessibility to rural areas (focused work)

opportunity for regional partnering; LMIC interaction

Freight ? –





Infrastructure

Pavements – What focus?

core activity; define emerging areas, opportunities to use existing knowledge to benefit developing countries

Bridges – maintenance and preservation

Emerging topics – aiming at near-term deliverables

Ex: modeling, performance specifications



Performance – strong; have partnerships with external orgs; focus on performance indicators, conduct an international benchmarking effort; continue organizational development; local administration capability/capacity

Finance and economics – important, but expertise challenge in this area (define how one argues for resources for investment; perhaps a short-term, activity to identify possibilities for action)

Climate change – important, but need to define correct scope (resiliency, link to special project)

Risk management — strong but needs a broader scope (beyond natural disasters); RM in project arena, RM in disaster mgt (two aspects)





Next Steps

Written request to ST Coordinators – 10 July ST Coordinators back to SPC Chair – 25 July SPC Chair draft to SPC, ExCom – 15 Aug SPC, ExCom comments to SPC Chair – 5 Sep SPC Chair document to GS – 22 Sep





Progress Report on

the XXV World Road Congress Seoul 2015

- Mid-term Meeting -2 July 2014

Korean Organizing Committee

Contents



- 1. Overview of 25th World Road Congress
- 2. Programs at a glance
- 3. Registration fee
- 4. Ministers' Session
- 5. Keynote Speech
- 6. Exhibition
- 7. Works completed
- 8. Works in progress
- 9. Works planned in 2014

1. Overview of 25th World Road Congress



■ Date : 2 – 6 November 2015

■ Venue : COEX Convention & Exhibition Center

■ Theme: Roads and Mobility — Creating New Value from Transport

Expected Number of Participants

- > About 3,500 experts from over 120 countries
- Over 1,200 government officials
- Ministers/Vice-ministers from over 50 countries





2. Programs at a glance



Plenary Sessions

- 1. Opening & Closing Sessions
- 2. Minister's Session
- 3. Keynote Speeches (3 speakers)

Main Sessions

- 1. Strategic Direction Sessions
- 2. Technical Committee Sessions
- 3. Special Sessions

Other Sessions

- 1. National Committee's Session
- 2. Poster Session, Workshops, Exhibitions
- 3. Technical Visits, Accompanying Persons' Programs

2. Programs at a glance



■ Time Table

Time	30 Oct (Fri)	31 Oct (Sat)	1 Nov (Sun)		Nov Ion)	3 Nov (Tue)			4 Nov (Wed)			5 Nov (Thu)			6 Nov (Fri)	
09:00 - 09:30 09:30 - 10:00 10:00 - 10:30 10:30 - 11:00			PIARC National		ngress stration	Morning Sessions I Break			Morning Sessions I Break			Morning Sessions I Break			Morning Sessions I Break	T e c h
11:00 - 11:30 11:30 - 12:00 12:00 - 12:30			Committee Meeting		ening ssion	Morning Sessions II	E	T e c	Morning Sessions II	E	T e c h	Morning Sessions II	E	T e c	Morning Sessions II	n i c
12:30 - 13:00 13:00 - 13:30	PIARC	PIARC		Lunch	Ministers'	Keynote Speech	h i	n i c	Keynote Speech	X h i	n i c	Keynote Speech	X h i	n i c	Lunch	Ϊ V
13:30 - 14:00 14:00 - 14:30 14:30 - 15:00	Executive Committee	Council Meeting		Luncheon	Lunch	i t	a I	Lunch	D i t:	i t t	Lunch	iti	A L	Closing Session	i s i	
15:00 - 15:30 15:30 - 16:00 16:00 - 16:30			Congress Registration		isters' ssion	Afternoon Sessions I	o n	V i s i	Afternoon Sessions I	0 n	V i s i	Afternoon Sessions I	o n	V i s i	Jession	t
16:30 - 17:00 17:00 - 17:30						Break		t	Break		t	Break		T		
17:30 - 18:00 18:00 - 18:30					ibition ening	Afternoon Sessions II			Afternoon Sessions II			Afternoon Sessions II				
18:30 - 19:00 19:00 - 19:30 19:30 - 20:00				We	lcome eption							Gala Dinne	r			
20:00 - 20:30 20:30 - 21:00																

3. Registration fee



	Registration fee (Euros)		
	Full price	Early registration	750
PIARC	Full price Standard registration		900
Members	For delega	500	
	One-c	250	
	Full price	Early registration	850
Non-PIARC	Full price Standard registrati		1,000
members	For delegates from low income countries		600
	One-c	350	
Accompanying	Earl	300	
persons	Stand	350	
	250		

4. Ministers' Session



- Theme: Evolution of road policy for the next generation
 - ✓ Sub-topics (Proposed by KOC)
 - 1. Sustainable Financing
 - 2. Service Improvement
 - 3. New Technologies
 - 4. Use of Road Space

5. Keynote Speech



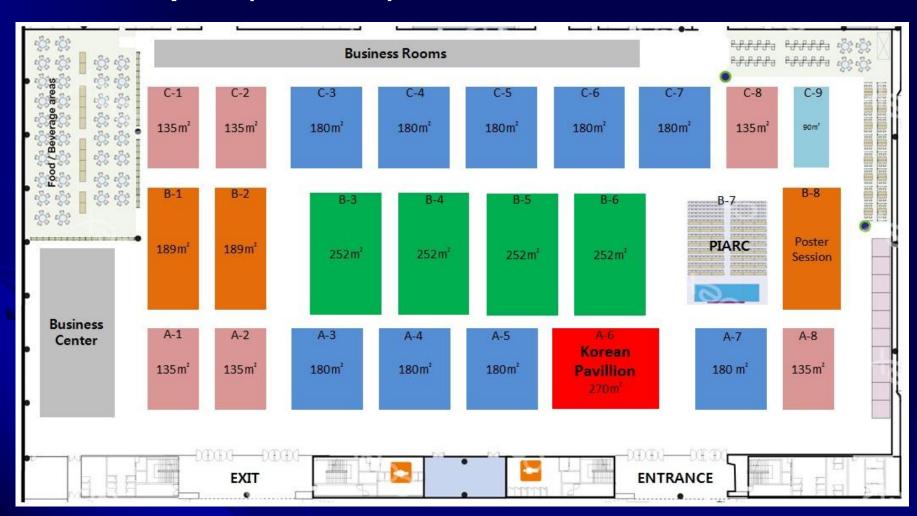
✓ Topics (Proposed by KOC)

- 1. Socio-economic impacts of roads
- 2. Cooperation between advanced and developing countries for investment on roads
- 3. The evolution of roads to satisfy the future society

6. Exhibition



✓ Floor plan (tentative)



6. Exhibition



✓ Rates of exhibition space (3m x 3m)

Type 1	Raw space	€3,600	Excluding taxes and
Type 2	Fully-equipped space	€4,000	additional service cost

^{* 10%} discount for early bird applications

7. Works completed



- ✓ Selected PCO & PEO : COEX co. Ltd
- ✓ Distributed Circular NO 1.
 - Korean 4000 copies, French 1500 copies
 - > English 3000 copies, Spanish 1000 copies
- ✓ Organized Advisory Committee (69 members)
 - Planning & Administration Committee
 - > Technical Committee
 - Event & Protocol Committee
 - Exhibition Committee
 - Public Relations & Promotion Committee
- ✓ Promoted the Congress: 26 cases in Korea, 26 cases overseas

8. Works in progress



- ✓ Seminars and workshops
- ✓ Technical visit programs

✓ Cultural program

✓ survey for the needs of participants

9. Works planned in 2014



✓ Send official invitation to Ministers (Sep)

✓ Start receiving application for exhibition (Sep)

✓ Nominate the General reporter (before Annual meeting 2014)





Thank You



World Road Association Channel Strategy April 28, 2014



The World Road Association (PIARC) is a non-profit association. Its broad aim is to promote international cooperation on issues related to roads and road transport.

This channel strategy is intended to be a plan for guiding decisions about the distribution of a product or service. For the World Road Association, the majority of its outputs are in the form of written documents, reports, information updates and other text-based products. In addition, the Association produces meetings, conferences, training sessions and other in person events.

Channel	Purpose	Audience	Frequency	Possibilities/Comments
Routes/Roads Magazine (print)	To provide information, analysis, summaries and recommendations regarding subjects of interest related to the theme of roads and road transport	WRA members and Subscribers	4 issues per year	To be used as a "coffee table" promotional document
Routes/Roads Magazine online	To better allow users to access documents and interact with content intended to provide information, analysis, summaries and recommendations regarding subjects of interest related to the theme of roads and road transport	WRA members Other interested register users (3 month delay to access)	4 issues per year or when ready for posting	Today: Upload a PDF with the same content as magazine Tomorrow: full web version, anyone who registers can access, can download some articles, participate in discussions Increase access to users on various platforms
				(mobiles, tablets)
Newsletters	To provide information to PIARC members regarding current activities of the Association To provide information to national committee members regarding upcoming activities and events of other national committees	Registered members National Committee members		Makes sense to merge the PIARC newsletter with National Committees newsletter Need to reconsider how this is sent out, web version vs PDF/e-mail vs post. Opt in/out.
Hard copy and PDF pamphlets and brochures	To provide information to non-members regarding the Association and its products for marketing purposes	Participants at Congresses and other events, interested public	As needed	Materials often created around congresses and other marketing opportunities
Technical reports	To provide state of the art technical information on a range of issues related to roads and road transport	Subscribers	Tends to be every four years	Opportunity to look for increased frequency
www.piarc.org	A working tool designed to provide a repository of information regarding the Association, its products, technical information, etc.	Registered users	On-going	Requires regular review to ensure it is structured to best meet needs of users
Webinars and e-learning	To provide and promote learning, education and professional development	Members and road professionals	Pilot proposed	Spanish video facility provides an opportunity to expand use of this medium
PIARC International Seminars	To promote exchange of knowledge in developing countries and countries in transition	Engineers and related professionals in	2 per TC per 4 yr cycle	

		developing countries and countries in transition		
Congresses (World Road Congress and Winter Road Congress)	To share information regarding roads and road issues in a world forum	Transportation Ministers, members, road industry firms, engineers and related professionals, public	Every 4 years (winter and full)	
Technical workshops	Knowledge sharing and exchange among member countries regarding roads and road transport issues	Engineers and related professionals in all member countries	Usually occur when TCs visit a country	Based on host country ability to organize
Technical Manuals	To provide a technical resource for member countries	Engineers and related professionals with web access	Varies	QRAM, HDM4, RSM, other key publications
Conference Papers	To provide information to interested parties regarding the output of conferences	Engineers and related professionals with web access	Every 4 years	Posted on web site
LinkedIn (proposed professional networking site)	To promote exchange of knowledge, networking and professional development amongst a wide range of interested professionals	Individuals interested in road issues	NA	