



IBEC Newsletter October 2004



IBEC sessions at ITS World Congress in Nagoya, Japan

Plans for the four IBEC sponsored sessions have been finalised. They will be held on the afternoon of **Wednesday 20th October** and the morning of **Thursday 21st October** in **Room 13**:

- **Private Sector Decision-Making on ITS investments: Making the Business Case for ITS:** Wednesday 20th October 14:00 – 15:30. Moderator: William Johnson (Research, Education and Development Services, Canada). Speakers:
 - Michael C Doyle (CEO of Econolite Control Products, Inc., Anaheim, California, USA)
 - Dan Manor (President, EIS Electronic Integrated Systems, Canada) “Travel time prediction: the low cost solution”
 - Other speaker to be announced
- **Pan-Asian Survey of ITS Evaluation Activities:** Wednesday 20th October 16:00 – 17:30. Moderator: Dr. Joseph I. Peters (Manager of ITS Program Assessment Organisation: ITS Joint Program Office, U.S. DOT, USA). Speakers:
 - Amitabh Bajpai (President, Association for Intelligent Transportation Systems, India). “Towards a new horizon.”
 - Sang Hyup Lee (Director of ITS, Division, Transport Policy Office, Ministry of Construction and Transportation, South Korea)
 - Kian Keong Chin (Senior Manager, Land Transport Authority, Singapore)
 - Yat Wah Cheung (Senior Engineer, iTransport Division, Transportation Department Hong Kong, Special Administrative Region, China)
- **How do the Japanese do it? Overview of ITS Evaluation in Japan:** Thursday 21st

October 9:00 – 10:30. Moderator: Dr John Miles (Ankerbold International) UK. Speakers:

- Ryuichi Kitamura (Professor, Kyoto University, Department of Urban Management, Japan). “How evaluation of a ‘mega-project’ such as VICS differs from evaluation of ITS projects of smaller size.”
- Mr. Masashi Ikemura (VICS Centre, Japan). “What makes big progress in VICS?”
- Tetsuo Yamashita (Panasonic, ITS Promotion dept, Japan). “The situation of the private business and the expectations for VICS centre.”
- Mr. Kazumitsu Hayashi (VICS Center, Japan). “Current Approaches to the Benefits.”

- **Panel Debate – Why invest in ITS? - Where is the evidence that it provides a return on investment?:** Thursday 21st October, 11:00 – 12:30. Moderator: Richard Savenije (Ministry of Transport, The Netherlands).

Speakers from around the world will debate this key question. Decision makers about to invest in ITS eagerly are awaiting the answer. Those participating will address issues fundamental to the debate:

- What is ITS meant to deliver?
- Who has invested in ITS and do we know what has been achieved?
- Is the evidence there to be seen, is it accessible and can we believe the answers?

- **Panel Speakers:**

- Andrew van Emmerik (Manager Infrastructure Development, Tasmania, Australia)
- Steve Tarry (FaberMaunsell, UK)
- John Miles (Ankerbold International Ltd, UK)
- Representatives from the Evaluation Community, the World Bank, those charged with managing transport and members of the audience will also be invited to join the debate.

For the congress programme and registration details see: <http://www.itsworldcongress.org/>



International Benefits Evaluation and Costs
Working Group

IBEC Reception and Business Meeting in Nagoya

IBEC has organised an informal reception which will provide an opportunity to meet other members, and the IBEC Management Committee. This will be held on **Wednesday 20th October 18:00 – 20:00** in the UME room at the **Hilton Hotel**, Nagoya. Food and drinks have kindly been provided by sponsors: Cairo Corporation (USA), FaberMaunsell (UK) and ISIS (France).

The IBEC Management Committee will be meeting on **Thursday 21st October at 12:30** in Room 13 for the annual business meeting. The agenda includes election of the new chair and vice chair, and plans for the coming year.

IBEC at the ITS Chile Conference 2004



Chile has the most dynamic ITS market in Latin America - including an advanced and ambitious free flow toll collection project, and many other projects in the works including ITS architecture, traffic and highway management, public transportation and weigh-in-motion.

The third ITS Chile Congress (September 2004) included the Second International ITS Exhibition, introducing technologies offered by the main manufacturers and vendors in the world. This event was organised by ITS Chile and supported by the Ministry of Public Works, Transportation and Telecommunications, with the sponsorship of important private companies.

Within ITS America activities, **Gabriel Sanchez**, Director of International Relations and Business Development gave a presentation on International Benefit Evaluation Costs Working Group (IBEC), where an audience of more than 80 people received information on the concept and importance of evaluation of ITS projects around the world and how this could contribute positive manner to Chile. Mr. Sanchez informed

delegates of IBEC activities at the ITS World Congress 2004 in Nagoya, Japan.

For more information, please contact Patty Del Pozo, ITS America International Program Specialist at pdelpozo@itsa.org

IBEC at the ITS UK Summer Conference 2004



Steve Tarry, the IBEC Vice Chair presented a paper co-written with **Richard Mudge** (Chair), **Richard Harris** and **Keith Keen** (members of the IBEC Management Committee) at this conference in July. The paper stressed the importance of extensive and systematic evaluation and reporting of the outcomes of ITS deployment in helping to achieve the long term objective of increased ITS deployment, and discussed the following issues:

- The benefits of ITS in fulfilling policies for integrated transport
- The benefits of individual ITS does not give the full picture, while evaluating benefits of systems which interact and cooperate provides a significant challenge
- Many ITS systems are now regarded as standard but barriers to implementation exist and the profile of ITS beyond 'the converted' is disappointing
- Decision-makers perceive ITS as risky, improvements are difficult to see, business case constraints and sound evidence to justify investment can be difficult to find because evaluation is not a mainstream activity and reporting of results is 'ad hoc'
- The key role of IBEC in promoting knowledge, sharing results and experiences and informing decision-makers.
- The benefits of belonging to IBEC.

The argument that the community of 'ITS converts' take the benefits of ITS for granted, while others still need convincing, was taken up as a theme during the subsequent discussions and presentations about specific ITS implementations.

To obtain a copy of the full proceedings see <http://www.its-uk.org.uk/>



For your diary: IBEC at ITS Europe in Hannover, 1-3 June 2005



The 5th European
Congress and Exhibition
on Intelligent Transport Systems
and Services
1-3 June, 2005

IBEC is organising a special session at this conference next summer, with the title: **Guiding Decision Makers on ITS Investment – The Power of Evaluation.** The speakers will address the following four themes:

- What is ITS meant to deliver?
- Who has invested in ITS and what has been achieved?
- Is the evidence on ITS achievements there to be seen, is it accessible and can we believe the answers?
- What can be learnt from the experiences of others?

Further details will be available soon.

IBEC membership update

There are now 222 IBEC members, in 29 different countries. Our contact with members is almost entirely by email. If your email is changing, please remember to tell us!

IBEC website and email group

Recent additions to the IBEC website include a summary of the papers presented at each of ITS World Congress since the first informal IBEC workshop was held in 1999, and an outline of the proceedings of that first meeting, held in Toronto in 1999. We have also started an 'Evaluation Guidelines' section in the library and some key references are available there.

IBEC Secretariat is constantly updating the IBEC website www.ibec-its.org, and we would be pleased to hear suggestions for additional resources on ITS costs, benefits and evaluation for the library.

IBEC has a yahoo group enabling any IBEC member to send an e-mail message to all other members, to send announcements and pose questions of knowledgeable experts. Please contact us if you need any further information.

New ITS Handbook charts progress

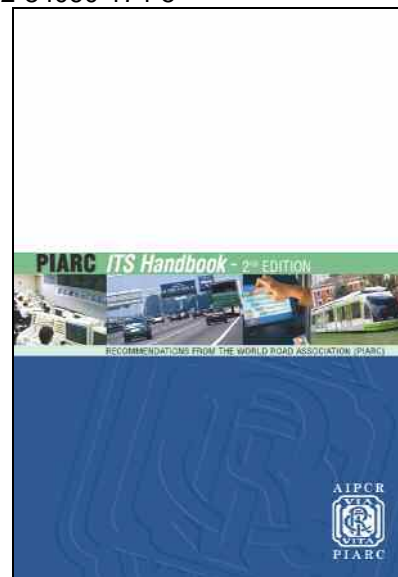
ITS Handbook 2004 – 2nd Edition:

Recommendations from the World Road Association (PIARC)

Editors: John Miles and Kan Chen

Route2Market Ltd, November 2004

ISBN: 2-84060-174-5



Sponsored and compiled by the World Road Association (PIARC)'s Technical Committee on Network Operations (C16), the new ITS Handbook 2004 – 2nd Edition marks huge progress in ITS deployment since its first edition. It details ITS applications and operations; and covers architecture and standards; evaluation methods; benefits; ITS planning and launching; needs of transitional and developing countries; long-term prospects; human factors and unit costs.

Its 39 case studies and 33 national profiles cover ITS in 35 countries in all six continents.

They highlight achievements in:

- Travel information (Japan's VICS; France's SIRIUS; the US' 511 service)
- Traffic management (Australia's Sydney Olympics legacy; the US' Transcom; Korea's numberplate recognition; Berlin (Germany)'s VMZ transport management centre; intelligent vehicle control trials (Europe))
- Electronic fee collection (Canada's Highway E407; Switzerland's Heavy Vehicle Fee; London (UK)'s Congestion Charging; Brazil's inter-agency cooperation)



- Safety and security (the US Department of Homeland Security; Swiss tunnel management; Dutch section control)
- Public transport (French electronic ticketing; Slovakia's EMX-Module for bus operators)

Co-editors are Dr John Miles and Dr Kan Chen. John Miles, recently appointed chair of PIARC's Technical Committee on Management of Network Operations, has followed over 30 years' public-sector experience - including senior roles with the UK Departments of the Environment and for Transport and the European Commission - by setting up his own specialist ITS management consultancy.

Kan Chen is Professor Emeritus of Electrical Engineering and Computer Science at the University of Michigan, US, whose ITS programme he founded. A consultant since 1990, he has chaired the Technical Review Team for the US ITS architecture programme and helped pave the way for US Congressional ITS legislation and the establishment of ITS America.

The ITS Handbook – 2nd Edition, will be available in English and French, and hard copy and CD-ROM versions. For more information (including pre-publication discount prices and bulk orders), please contact Michelle Pester on +44 1322 612 062 or email her at: mpester@route2market.com

New reference on ITS impacts

Another new source of case studies of ITS evaluation was published recently.

Economic Impacts of Intelligent Transport Systems:

Innovations and Case Studies

Editors: Evangelos Bekiaris and Yko J Nakanbishi

Elsevier, 2004

ISBN: 0-7623-0978-4

This new volume contains papers by experts in the field, providing an introduction to ITS and economic evaluation of transportation investments, to the technologies and the market,

papers on evaluation methodologies, and case studies of ITS applications. There are also papers on assessing the impact of ITS on the overall economy, evaluating ITS benefits from a planning perspective, and developing policy recommendations for ITS implementation based on impact assessment.

New European ITS Resource-European transport research knowledge centre on-line

The new-look web site of the Transport Research Knowledge Centre was launched in July at the World Conference on Transport Research (WCTR'04) in Istanbul. See the site at www.europa.eu.int/comm/transport/extra

The site has been developed by the EXTR@Web project ("EXploitation of TRANsport research via the Web"), a European Commission 5th Framework Programme (FP5) 'Accompanying Measure' supported by the European Commission's DG-TREN.

As a first step towards building up a comprehensive database of transport research, the website currently features summaries of 206 international, European and national research programmes.

At the project level, European FP4 project results have all been re-categorised according to a multi-dimensional thematic structure. In the near future, results from across Europe (key national projects as well as European projects) will be made available to the research and business communities, as well as public service providers and governments.

If you would like to receive e-bulletins providing news on transport research programmes and results in Europe, you are invited to register with the Knowledge Centre. This can be done on-line at the website above. For any other enquiry you may contact the EXTR@Web project's helpdesk at helpdesk@transport-research.info

