



International Benefits, Evaluation and Costs (IBEC) Working Group

Steve Morello

5th Chilean and 2nd Pan American Congress on ITS
Santiago, 16 November 2006

1

www.ibec-its.org



Outline

- What are benefits, evaluation and costs?
- Why is evaluation important at the project level?
- What is evaluation important at the national level?
- IBEC
 - Organization and Events
 - Activities
 - Future Plans

2

www.ibec-its.org



What are benefits, evaluation and costs?

- Focus on system impacts
 - Not technical performance
- Measure how well project goals are being achieved
- Frequently used goal areas & example measures:

• Safety	# of crashes, severity of crashes
• Mobility	travel time, delay, travel time reliability
• Productivity	cost savings
• Capacity	# of vehicles facility can accommodate
• Energy/Environment	emissions reduction, fuel savings
• Customer satisfaction	results of customer surveys

3

www.ibec-its.org

Why is evaluation important at the project level?



- Evaluation provides an opportunity to learn from those who have come before
- Evaluation provides evidence of benefits to justify further investments in ITS
- Evaluation enables deployers to modify system operation for continuous improvement

4

www.ibec-its.org

Why is evaluation important at the national level?



- Evaluation helps countries make better use of limited resources
- Evaluation makes it easier to choose between competing proposals
 - Easier to choose the most cost-effective option
- Evaluation helps concentrate national efforts on those projects that offer the better return on investment

5

www.ibec-its.org

IBEC Organization



- **Mission**
 - To provide an international forum for information exchange on ITS evaluation methods and results
- **Membership**
 - FREE and open to all interested persons
 - Over 350 members in over 40 countries
- **Chair:** Steve Morello, Egis Projects (France)
- **Vice Chair:** Mark Carter, SAIC (USA)
- **Secretariat:** FaberMaunsell, UK
- **Website:** www.its-ibec.org



6

www.ibec-its.org

IBEC at ITS World Congresses



- **Toronto, Canada, November 1999**
 - Seminar prior to World Congress
- **Turin, Italy, November 2000**
 - Workshop on final day of World Congress
- **Sydney, Australia, October 2001**
 - Workshop as four Special Sessions
- **Chicago, US, October 2002**
 - Workshop as four Special Sessions
 - Training course on ITS evaluation
 - Official launch of IBEC Working Group at evening reception

7

www.ibec-its.org

IBEC at ITS World Congresses



- **Madrid, Spain, November 2003**
 - Workshop as four Special Sessions
 - Training course on ITS Evaluation
 - Breakfast business meeting
 - Evening reception
- **Nagoya, Japan, October 2004**
 - Workshop as four Special Sessions
 - Evening reception
 - Lunchtime business meeting
- **San Francisco, US, November 2005**
 - Workshop as four Special Sessions
 - One-day international "tour" on ITS Evaluation prior to World Congress
 - Breakfast business meeting
 - Evening reception



8

www.ibec-its.org

IBEC at ITS World Congresses



- **London, UK, October 2006**
 - **Workshop as four Special Sessions**
 - Update on the Impacts of Road Pricing: Beyond the Technology
 - The "Big Shift": From Building Roads to Operating Transportation Networks
 - The Economy, Security, and Efficiency Benefits of Emerging Freight Technologies
 - ITS Case Studies from Economies in Transition and Developing Countries
 - One-day international "tour" on ITS Evaluation
 - Business meeting
 - Evening reception
- **Future events**
 - Beijing, China, 2007
 - New York City, US, 2008
 - Stockholm, Sweden, 2009



9

www.ibec-its.org

IBEC at Regional ITS Forums



■ I2tern (Euro-Regional Projects) Conferences

- Dusseldorf, Germany, 2003
- Vienna, Austria, 2004
- Dublin, Ireland, 2005
- Barcelona, Spain, 2006

■ ITS in Europe Conferences

- Budapest, Hungary, 2004
- Hannover, Germany, 2005
- Aalborg, Denmark, 2007 (planning underway)

10

www.ibec-its.org

IBEC at other ITS Forums/Events



■ Past events

- World Bank In-House Training on Transportation, Washington, DC, April 2006
- ITS Canada Annual Meeting, Whistler, Canada, June 2006
- World Bank Seminar on International Experience in ITS, Beijing, China, June, 2006
- ITS Asia Pacific Forum, Hong Kong SAR, July 2006
- PIARC Committee C.14 on Management of Network Operations Seminar, Kuala Lumpur, Malaysia, August 2006

■ 5th Chilean and 2nd Pan American Congress on ITS, Santiago, Chile, November 2006

■ Future events

- Transportation Research Board Annual Meeting, Washington, DC, January 2007
- ITS South Africa Annual Meeting, Pretoria, South Africa, March 2007
- 23rd World Road Congress, Paris (France), September 2007



11

www.ibec-its.org

IBEC Future Plans



■ Improvement and revamping of website

■ E-mail communication to members

■ International compilation of best practices on selected topics – topics under consideration

- ITS and Special Events
- ITS for Civil Protection

■ Increase participation from under-represented regions

- Africa
- South America
- Asia-Pacific
- Middle East
- Eastern Europe

12

www.ibec-its.org

Why join IBEC?



■ To tap into a worldwide pool of expertise on ITS benefits, evaluations, and costs

- ITS World Congresses include thought-provoking and informative sessions
- E-mail discussion group where members can post questions and get answers
- Networking opportunities at World Congresses and other ITS meetings
- Benefit from and participate in effort on "International compilation of best practices"

■ How to join

- Send e-mail to membership@ibec-its.org

13

www.ibec-its.org



Thank you for your attention

Steve Morello, IBEC Chair
+33 1 30 48 48 66
s.morello@egisprojects.com

14

www.ibec-its.org
