Fitting ITS Development into a National Government Agenda

Example Traffic Light Standard in Colombia

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Content

• ITS Colombia
  – Who we are
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  – What is being done?
  – What can be done?
  – What is the current situation?
  – What is happening?
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• Conclusions
ITS Colombia
(Who we are)

• Non profit Organization
• Neutral playing field for customers and providers
• Members on ALL institutional levels, as well as personal members
ITS Colombia
(Upcoming events)

ITS for Enforcement 2009
Bogotá, Colombia, November 12, 2009

PPT Andina 2010
Bogotá, Colombia, March 8-9, 2010

RailTransport Andina 2010
Bogotá, Colombia, March 8-9, 2010

6th International Seminar on Traffic & Transport Planning
La Habana, Cuba, March 2010

Andinatraffic 2011
Bogotá, Colombia, March 2011

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Traffic Light Communications
(How NOT to do)

• What is the current situation?
  – Proprietary standards for decades
  – Single provider solutions for systems for decades

• What can be done?
  – Implementation of unified standards for more transparent projects
    and open competition

• What is being done?
  – The Planning Ministry is „proposing“ OCIT and later NTCIP for
    traffic light communications
Traffic Light Communications
(How NOT to do)

• What is happening?

Provider 1
Provider 2
Provider 3
Provider N

Planning Ministry

Proposal 1 (OCIT)
Proposal 2 (NTCIP)
Proposal N (????)

Political Scandal
Procurement Agency Investigation

Presentation
Political Pressure
„Other“ Pressure

DELAY OF BUSINESS
Traffic Light Communications
(How NOT to do)

• Why is it happening?
  – As the Planning Ministry is in charge of assigning government grants, its „recommendation“ is being understood as a “standardization”, “regulation” or “obligation”, but the standardization competence is with the Colombian Institute for Technical Standards (ICONTEC) and regulation competence is with the Ministry of Transport.
  – The economic impact of a „sudden switch“ of technologies would generate enormous patrimonial loss, as none of the systems operating is compatible with either of the standards proposed so far.
  – Unsufficient and low profile study work has been done to justify the initiatives proposed.
  – No implementation schedule has been proposed.
  – ...

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National Standard for Signalization

(How to do)

• What is the current situation?
  – Existing standard is incomplete and technically inconclusive
  – Existing standards are not up to date with ITS developments

• What can be done?
  – Correction and improvement of the current standard

• What is being done?
  – The Ministry of Transportation asks ITS Colombia to propose the new document for approval by the competent committee
National Standard for Signalization

(How to do)

• What is happening?
National Standard for Signalization

(How to do)

• What topics are currently being discussed?

  – Traffic Light Systems (*OLD*)
  – Tunnels (*NEW*)
  – Variable Message Signs (*NEW*)
Conclusions

• Know how to make business in the region

• Slower is sometimes faster

• Go the right way

• Do things right

• Let ITS Colombia help you
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