

## Part B: Group Project

### Transport

Group Meeting Week 4

16<sup>th</sup> Feb, 2004

#### Scribe

Leanne

#### Attendees

Roy, Hee Dong, Ayman, Leanne, Derek

#### Discussion topics

Research findings to date

What areas will we cover for Crit 2 and who will present each area

#### Conclusions

|    |   |
|----|---|
| 1. | <p>Summary of research</p> <p><b>Derek</b> has info. on some of the problems we may face when trying to implement ITS and has arranged meetings with Strathclyde traffic police and a visit to the NADICS control centre.</p> <p><b>Hee Dong</b> has identified a relationship between a cars speed, its fuel efficiency and the pollutants it emits. He also has gathered information on South Korean ITS.</p> <p><b>Roy</b> has information on Leeds Uni. research on ISA systems. He has completed a crit presentation template and the project work breakdown structure and arranged a meeting with the Project Manager of BIAS system.</p> <p><b>Ayman</b> has identified some of the various types of ITS and has information on their cost and where they have been implemented</p> <p><b>Leanne</b> has completed the first draft of our questionnaire and the spreadsheets we will use for counting cars, no. of passengers and distance/time calcs.</p> |
| 2. | We discussed the responses we've had back so far to our requests for info.  |
| 3. | <p>Areas to cover in Crit 2</p> <p>i) Introduction, feedback from Crit 1 &amp; definition of topic <b>Roy</b></p> <p>ii) Why we want to reduce congestion <b>Hee Dong</b></p> <p>iii) What ITS is &amp; what the different types of ITS are <b>Ayman</b></p> <p>iv) What the benefits and problems associated with ITS are <b>Derek</b></p> <p>v) Who we have contacted &amp; what information we hope to gather from car count <b>Leanne</b></p> <p>vi) Finding out about driver attitude <b>Leanne</b></p> <p>vii) The work breakdown structure of the project <b>Roy</b></p>   |
| 4. | Send all slides to <b>Roy</b> so he can collate the presentation  |
| 5. | Meeting on Friday morning to rehearse presentation  |

Actions for next meeting - Mon 23<sup>rd</sup> at 15:00

| <i>Person Responsible</i> | <i>Task</i>   |
|---------------------------|---|
| <b>Team</b>               | Think about the feedback we receive from crit   |
| <b>Roy</b>                | Contact the city council and the transport MSP to gain a better insight as to how many people actually work in Glasgow city centre, the number of |

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|-----------------|--|
|                 | deaths from road accidents, locating the cities accident hot spots, how and where air quality is monitored and controlled etc.   |
| <b>Derek</b>    | Contact First Bus to learn more about the ITS system they are implementing and find out if this has ever been done before in an old city.  |
| <b>Hee Dong</b> | Gathering information on emission levels and fuel consumption rates of cars when they are sitting stationary, driving at a constant speed and when they are just taking off and slowing down. We want to know how much more polluting vehicles are and how the energy consumption varies in different circumstances.   |
| <b>Ayman</b>    | Collect more technical data on ITS systems and try to estimate different costs.  |
| <b>Leanne</b>   | Contact Clyde 1 to analyse information from their eye in the sky reports. Identify the busiest roads and at what times, the worst places to break down adding to congestion, identifying where the majority of traffic go when they leave/entre the center etc.<br>Contact the biology department to find a way in which we as a team could measure air quality at specific sites. |