

*COST Action TU 1002 - "Accessibility instruments for planning practice in Europe"  
Edinburgh, United Kingdom, the 13th and 14th of October, 2011*

Edinburgh January 2012

## **WG2: Accessibility Instruments Meeting**

### **MINUTES**

**13 October 2011 (12:00 – 18:00)**

**14 October 2011 (09:00 – 12:30)**

**Venue:**

CBC House, 24 Canning St., Edinburgh

**Local host:**

Angela Hull

Derek Halden

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# 13<sup>th</sup> October

## 12:00 – 13:00: Opening Session

### 1. Welcome to the participants

The Chair of WG2, Angela Hull, welcomed all participants and presented a couple issues on the venue and the agenda for the two day meeting. She explained the work that WG2 had achieved so far and the purpose of the meeting.

### 2. Findings from the Accessibility Instrument Questionnaire

Johannes Keller (WG2 STSM) presented the findings from the Accessibility Instrument Questionnaire (AIS) from the 17 returned to date. His analysis included the spatial level of focus, the requirements for accessibility modeling, the goals of the instrument, and the use to which the instruments have been put. A short question and answer session on technical issues of clarification followed.

## 13:00 – 18:00: Accessibility Instruments' Presentations

This session, chaired by Luca Bertolini, presented the accessibility instruments each national Work Unit had offered to test with their home transport and land use professionals in practice. The following presentations were made and technical issues discussed:

3. **Petter Naess** (DK): Activity based indicators of connections and access needs
4. **Sanna Itanen** (FI): HIMMELI - Heuristic three-level Instrument combining urban Morphology, Mobility, service Environments and Locational Information
5. **Juergen Gerlach** (DE): German Guidelines for Integrated Network Design (RIN)
6. **Johannes Keller** (DE): Accessibility Atlas of the European Metropolitan Region of Munich
7. **Vasileia Trova** (GR): Spatialist Lines
8. **Magda Mavridou** (GR): Space Syntax: Angular Segment Analysis by Metric Distance
9. **Enrica Papa** (IT): Accessibility measures for transport-land use planning
10. **Matteo Tobasso** (IT): INteractive VIsualization TOol (IN.VI.TO)
11. **Luca Bertolini** (NL): Joint Accessibility Design
12. **Anders Langeland** (NO): Optimal transit oriented development
13. **Bruno Santos** (PT): Cellular Automata Model
14. **Cecilia Silva** (PT): Structural Accessibility Layer (SAL)
15. **Rosa Arce-Ruiz** (SP): Isochrone maps (GIS) to shopping centers
16. **Tobias Nordström** (SE): Place syntax tool and examples from planning practice
17. **Angela Hull** (UK): Spatial Network Analysis of Public Transport Accessibility (SNAPTA)
18. **Derek Halden** (UK): ACCALC

## 19. General Discussion

Luca Bertolini chaired the final discussion on the Accessibility Instruments.

# 14<sup>th</sup> October

## 09:00 – 12:30: Discussion on Work Group 2 Year 1 Tasks

### 20. Discussion on DAY 1 Presentations

Angela Hull, chaired this session that reflected on the previous day's presentations which included a categorisation of the different types of instruments that were presented. Marco te Brommelstroet presented a division of the instruments into types to encourage discussion. This included the following categories:

- Travel mode: walking, cycling, public transport, car
- Accessibility measures: spatial separation, contour, competition, time-space, utility, network, information accessibility.

### 21. Discussion on Accessibility Instrument Questionnaire

During this session, Marco te Brommelstroet, as the COST TU1002 website manager reported that several of the AIS respondents had problems with questions that did not have a "Not appropriate" or "Don't know" answer they could tick. It was agreed that several changes to the AIS would be made and that the AIS would be sent round to all WUs to check their answers. The following additions were agreed:

- The 'Planning Goals' questions should be simplified (Q2.1; Q2.2; Q2.3)
- Question 3.1 on the main goals of the instrument was considered to be similar to Q2.1 and should be deleted.
- The options "not applicable" and "don't know yet" should be included in all questions.

### 22. Angela Hull: Discussion on Report 1 template

The draft template, circulated in advance, showed the different sections of Report 1, the content to be covered and suggested section lead writers. This was discussed and suggestions made to improve the template. This included an introduction and a final concluding section. Participants were asked to volunteer for the management role to secure timely completion of each section. The Appendix shows the tasks and those responsible.

### 23. Angela Hull: Discussion of Work Unit Accessibility Papers

Draft guidance on the section headings, the timescale for paper production and the composition of a paper review panel were circulated in advance of the meeting. Luca Bertolini agreed to manage the production of the WU Accessibility Papers to ensure that a first version of the paper was produced by 19<sup>th</sup> December 2011 and following the review process quality and consistency of papers would be improved and returned to the manager by mid January.

### 24. Saleem Karou (WG2 STSM): Progress on the Literature Review

Saleem Karou presented the structure of his literature review and requested help with any literature he had not covered.

### 25. Marco te Brommelstroet: COST TU1002 Website

Marco te Brommelstroet demonstrated the recent changes to the website, requested that members should use it as a repository for documents they wished to share and explained the Blog facility for extending the definition of concepts in the Glossary.

## **26. Angela Hull: Concluding comments on the WG2 Action Plan**

Angela Hull thanked everyone for their positive approach to work over the two days and reminded everyone of the tight timetable to complete Report 1.

## 27. Appendix: COST TU1002 REPORT 1: ACCESSIBILITY INSTRUMENTS

<i>Section</i>	<i>Section Title</i>	<i>Responsible author</i>	<i>Contributor(s)</i>
Preface	Preface <ul style="list-style-type: none"> <li>Explanation of COST Action</li> </ul>	Angela Hull	
1	Accessibility Measures and Instruments <ul style="list-style-type: none"> <li>Review of concepts and theory concerning the measurement of accessibility i.e. the conceptual discussion</li> <li>Presentation of diversity of measures defined in the theory.</li> </ul>	Saleem Karou	Nadia Charalambous Enrica Papa Elisa Vitale
2	Accessibility in Planning Practice <ul style="list-style-type: none"> <li>The planning problem addressed by the instrument (including geographical level; type of plan; etc)</li> <li>The influence of the instrument outcomes over practitioner/ politician decisions</li> </ul>	Johannes Keller	Rosa Arce-Ruiz Tobias Nordström Vasileia Trova Magda Mavridou
3	Accessibility Instruments <ul style="list-style-type: none"> <li>Overview of each instrument including the planning problem addressed:</li> <li>Theoretical underpinnings/ conceptual framework</li> <li>Actual/ potential relevance for urban planning practice</li> <li>Discussion on strengths and limitations, and future improvements planned</li> </ul>	<b>Manager</b>  Luca Bertolini will issue a detailed template for this section.  <b>Responsible Authors:</b>  All Work Units	<b>External reviewers</b>  Bruno Santos Sanna Iltanen Derek Halden
4	Discussion on Accessibility Instruments <ul style="list-style-type: none"> <li>Overview of Accessibility Instrument Survey</li> <li>Analysis of AIS /Overall patterns emerging</li> </ul>	Angela Hull  Enrica Papa  Anssi Joutsiniemi	Cecilia Silva
5	Conclusions	Angela Hull	Petter Naess

		Luca Bertolini	Derek Halden
Appendices	Appendices <ul style="list-style-type: none"><li>• Glossary</li><li>• Completed questionnaire surveys</li></ul>		