



clean fleets
purchasing clean public vehicles

Clean-Bus procurement Workshop Bremen

11-12 Dezember 2013





DAY 1: WEDNESDAY, 11 DECEMBER 2013

09:00

Official welcome and introduction

1. Welcome – Dr. Joachim Lohse, Senate for Environment, Construction and Transport
2. Introduction to the day's programme - Michael Glotz-Richter, Bremen (Senate for Environment, Construction and Transport)

09:15

Session 1: Clean urban buses – current status and developments

1. Public transport in Bremen – ever more electric! - Willi Eisenberg, Bremer Straßenbahn AG (Technical Director.)
2. Buses – an opportunity and a problem. The role of urban buses in the concepts of sustainable mobility, climate protection, air quality and noise reduction - Falk Heinen (BMU – German Ministry of Environment)
3. On the way to the electric bus - Comparing vehicle technologies from the life cycle cost perspective under the CVD - Prof Ralph Pütz (University of Applied Sciences Landshut) / German Association of Public Transport –vdv-



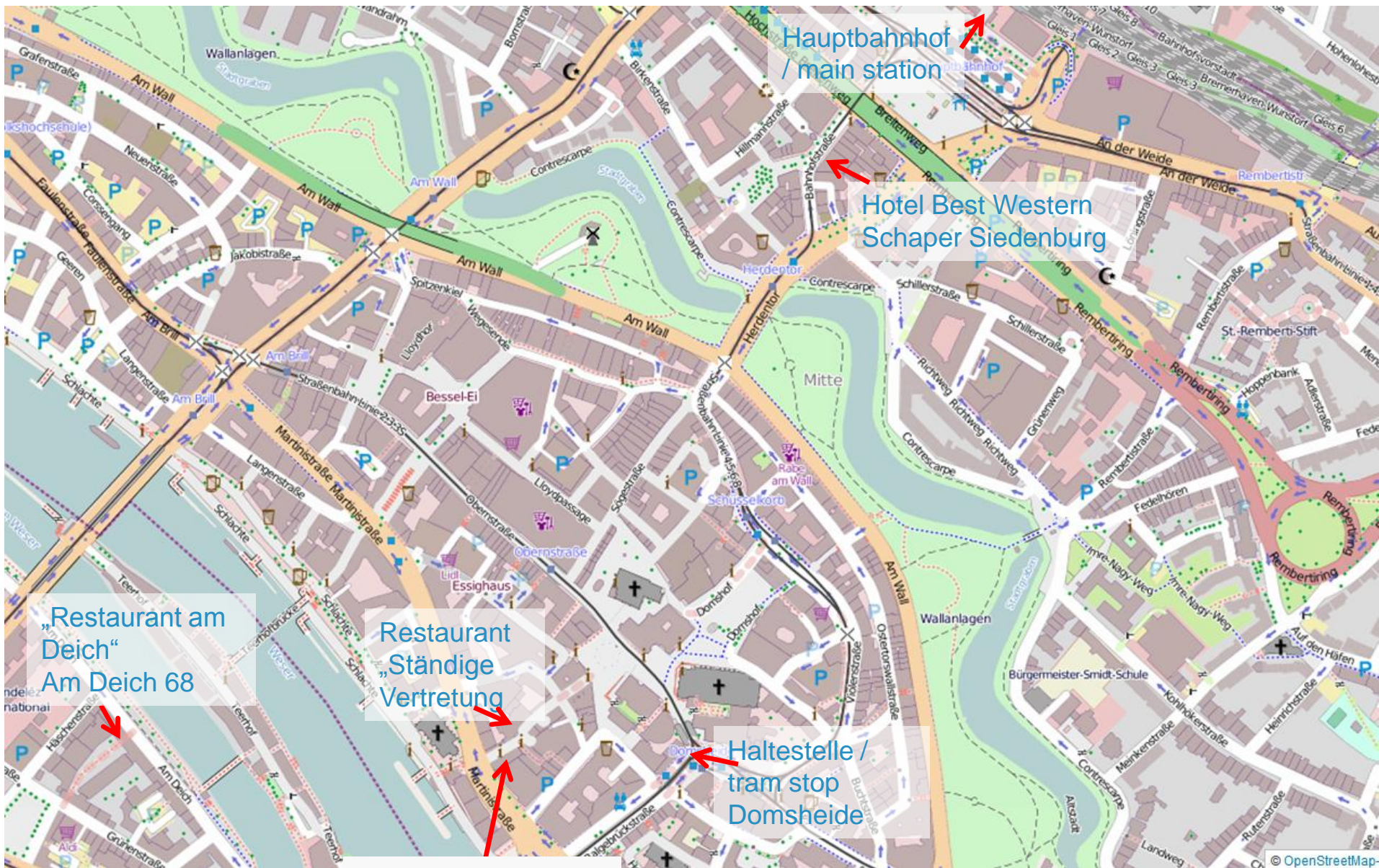
DAY 1: WEDNESDAY, 11 DECEMBER 2013

10:30	Coffee break
11:00	<p>Session 2: Electric buses in practice</p> <ol style="list-style-type: none">1. Where do we stand in Europe today? - Umberto Guida, UITP2. Showcase: Zurich - Alexander Wötzel, Zurich Public Transport (VBZ)3. Showcase: Vienna (Rampini/Siemens) - Andreas Laske, Siemens
12:15	Lunch
13:15	<p>Demonstration: Electric buses in practice - Driving and recharging</p> <p>Test drive with the Rampini-Bus and the EURA - battery electric bus (12m) Inspection of the charging infrastructure, demonstration of overhead cable charging</p>



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15:15	Coffee break
15:30	<p>Session 4: Opportunities and barriers on the road to electric buses</p> <p>Moderated World café style group discussions – 3 groups of participants will visit three tables in turn, each addressing a different issue. 30 minutes will be spent at each table.</p> <p>The issues:</p> <ul style="list-style-type: none">• Financial aspects and Life Cycle Costing• Operation and technology• Integration of electric buses into the transport system of a city
17:00	End of afternoon sessions
18:00	Chance to visit the historic Bremen Christmas Market on the (nearby) Schlachte.
20:00	<p>Dinner / Reception</p> <p>(“Restaurant am Deich”, Am Deich 68 – walking distance)</p>



Hauptbahnhof / main station

Hotel Best Western Schaper Siedenburg

„Restaurant am Deich“ Am Deich 68

Restaurant „Ständige Vertretung“

Haltestelle / tram stop Domsheide

Venue: Radisson Blu



DAY 2: THURSDAY, 12 DECEMBER 2013

09:00	<p>Welcome & recap of the first day</p> <p>Presentation of the Clean Fleets project - Simon Clement, ICLEI – Local Governments for Sustainability</p>
09:30	<p>Session 5: Clean bus procurement from around Europe</p> <ol style="list-style-type: none">1. Showcase: Rotterdam – Prof. Frank G.Rieck, Rotterdam University, eMobility-Lab2. Showcase: Eberswalde – Stephan Rutscher, BBG Eberswalde (local transport operator)3. Showcase: Stockholm – Jonas Ericsson, (City of Stockholm)4. Showcase: London – Venn Chesterton (Transport & travel Research)
11:00 - 11:15	<p>Coffee break</p>



DAY 2: THURSDAY, 12 DECEMBER 2013

11:15	<p>Session 6 – Electric buses and the CVD</p> <p>Moderated panel discussion:</p> <p>How effective is the CVD in promoting electric urban buses?</p> <p>Panelists:</p> <ul style="list-style-type: none">• Olav Luyckx, European Commission, EACI (tbc)• Umberto Guida, UITP• Christoph Klaes, Siemens• Jonas Ericsson, City of Stockholm• Michael Glotz-Richter, City of Bremen <p>Moderator: Simon Clement, ICLEI</p>
12:30	Farewell note
13:00 – 14:30	Lunch