

EU-project: CityHush - Overview

Stockholm, December 11, 2012
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Some articles about traffic noise in November/December 2012



Fler ytor utan bilar

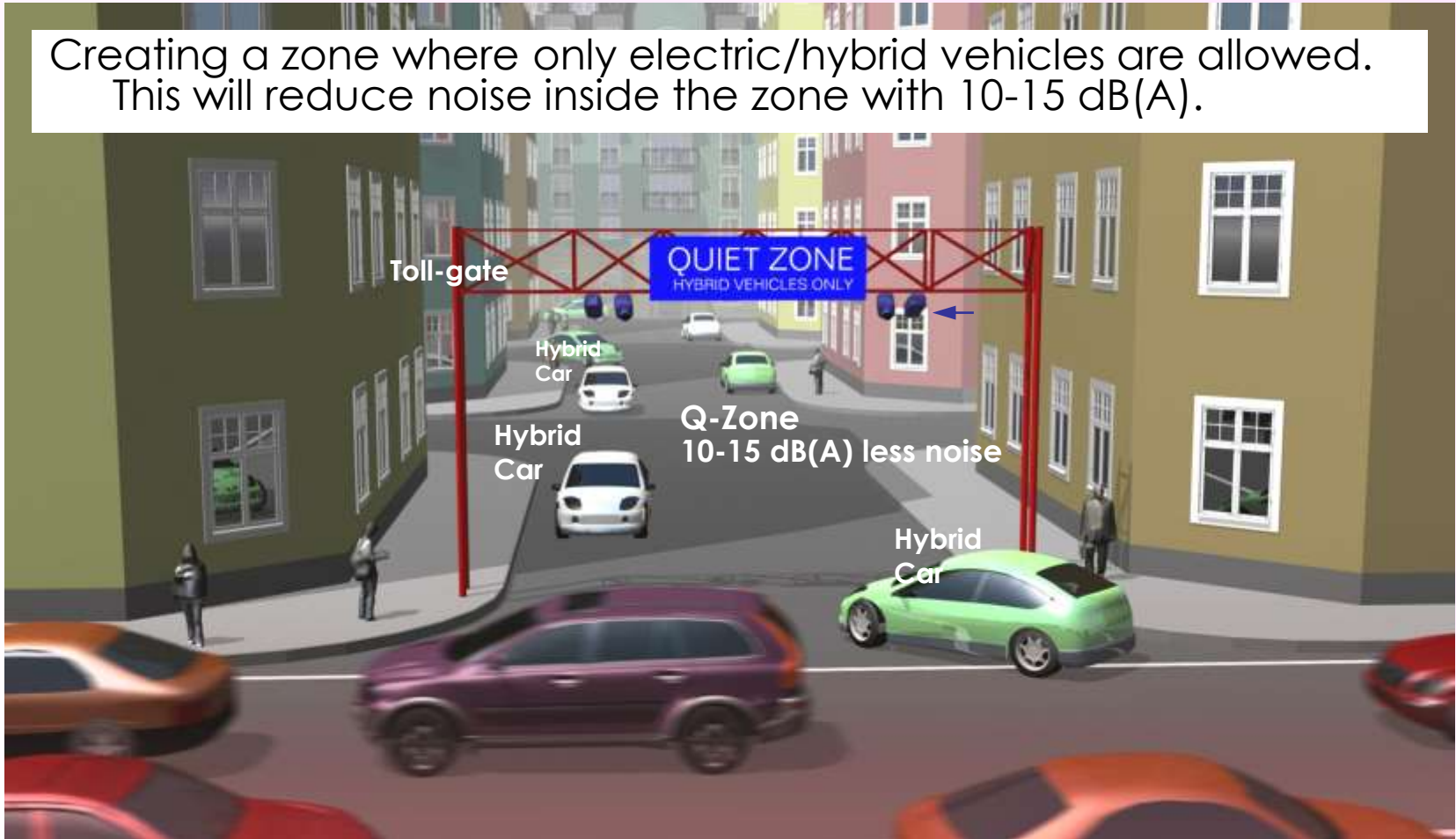
Hindra genomfartstrafiken och skapa ett sammanhängande område från Terrasstrapporna till Hamntorget, skriver folkpartister i Helsingborg.

DEBATT. Varje stad måste finna en balans mellan tillgängligheten för människor och bilar. Bilen innebär rörelsefrihet för individen och underlättar vardagen men det finns ett pris. Trafiken innebär buller och luftföroreningar. Stora ytor används till gator och parkeringsplatser, ytor som annars kunde användas för andra och trevligare ändamål.

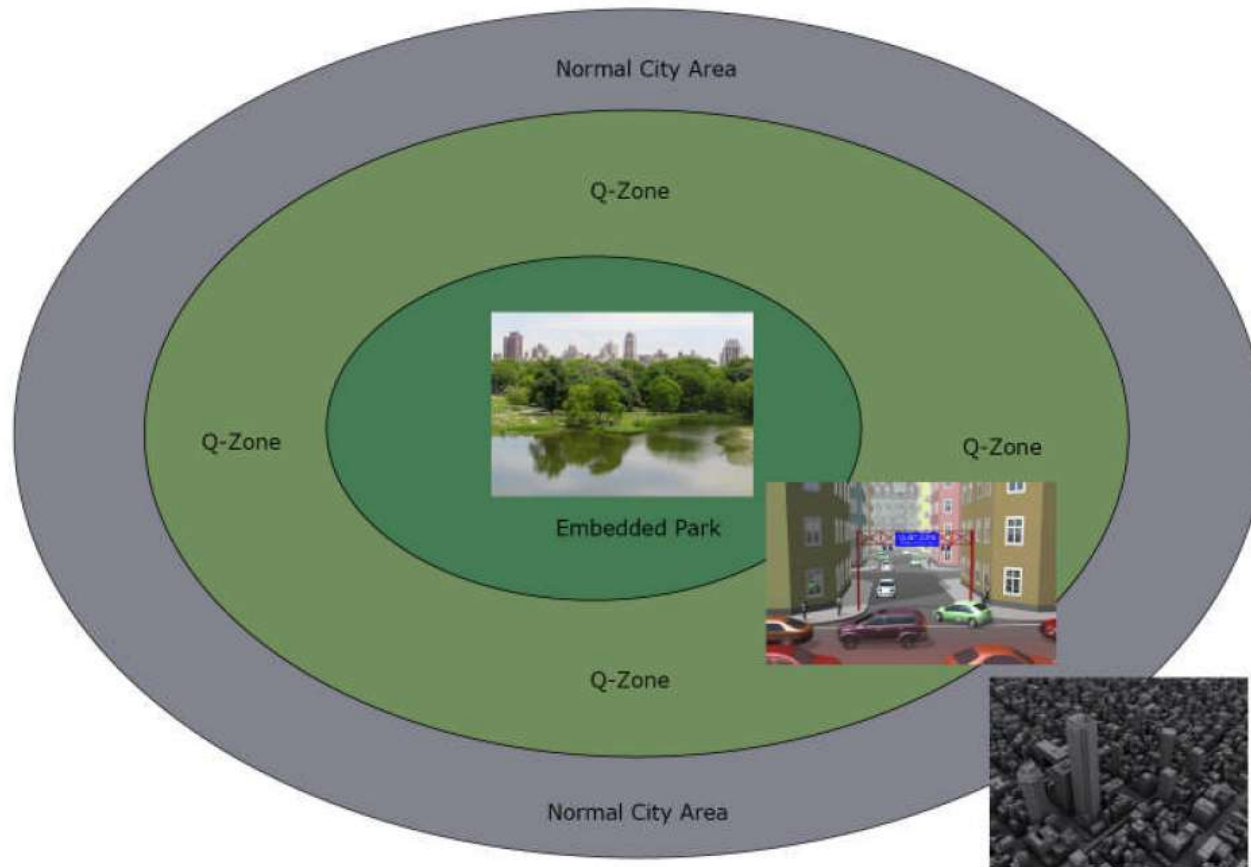
ANNONS

A way of reaching the goal

Creating a zone where only electric/hybrid vehicles are allowed.
This will reduce noise inside the zone with 10-15 dB(A).



The concept of Q-Zones and embedded parks



Statements in the “Call”

- *“Noise reduction within urban areas by 10-20 dB(A) units should be achieved*
- *New passenger car CO2 emission should be reduced by 40-50% and for heavy duty vehicles by 10-30%”*



CityHush – selected project data

- ✓ CityHush – acronym for **Acoustically Green Road Vehicles and City Areas**
- ✓ Duration: January 2010 → December 2012
- ✓ Total budget: 5 MEUR
- ✓ EC-contribution: 3,5 MEUR

Partners

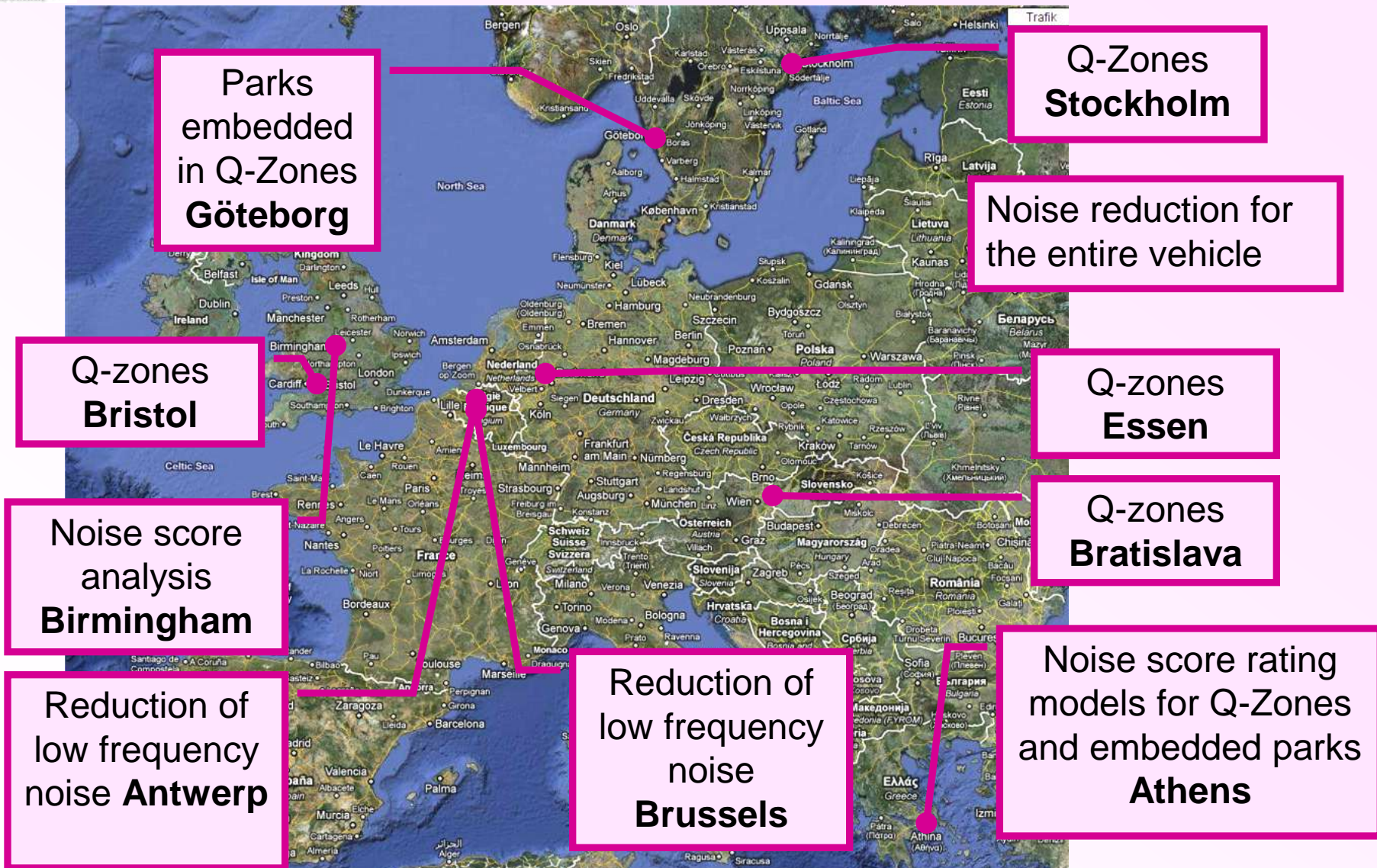
15 partners in 7 countries

Partner Nr	Partner full name	Short Name	Country
1	Acoustic Control AB	ACL	SE
2	Accon	ACC	DE
3	Alfa Products & Technologies	APT	BE
4	Goodyear Luxembourg SA	GOOD	LU
5	Head Acoustics	HAC	DE
6	Kungliga Tekniska Högskolan	KTH	SE
7	NCC Roads	NCC	SE
8	City of Stockholm	SEP	SE
9	Netherlands Organisation for Applied Scientific Research	TNO	NL
10	Göteborgs Kommun - Trafikkontoret Miljöförvaltningen	TPTA	SE
11	TT&E Consultants	TTE	GR
12	University of Cambridge	UCAM	UK
13	Promotion of Operational Links with Integrated Services	POLIS	BE
14	Dynamics, Structures and Systems International	D2S	BE
15	Akron NV	AKRON	BE

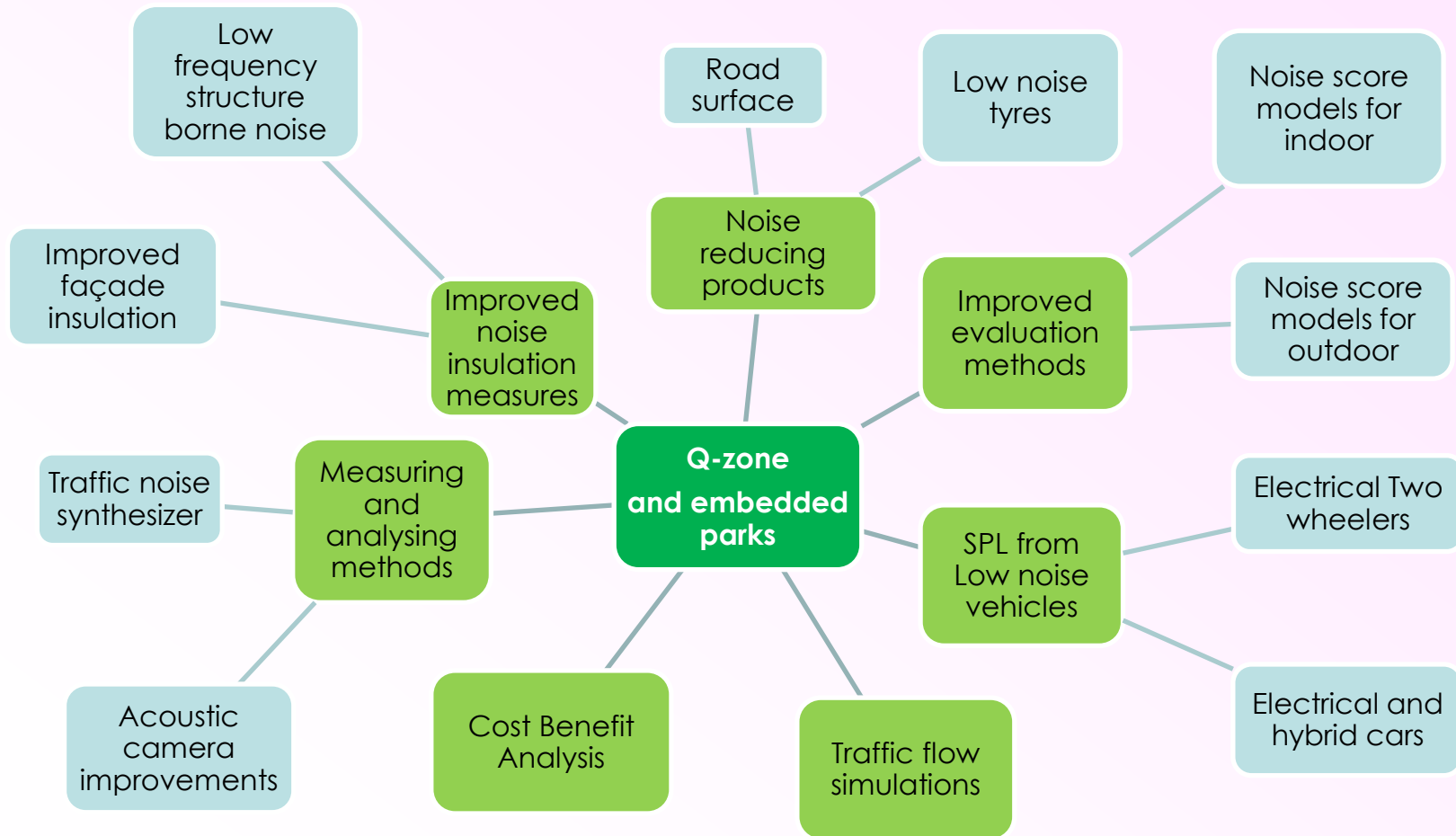
Project overview

- ✓ WP 1- Acoustically green areas - Q-zones
- ✓ WP 2 – Noise score rating models and annoyance
- ✓ WP 3 – Noise and vibrations control at source
- ✓ WP 4 – Propagation of road traffic noise
- ✓ WP 5 – Validation of results
- ✓ WP 6 – Dissemination of project results

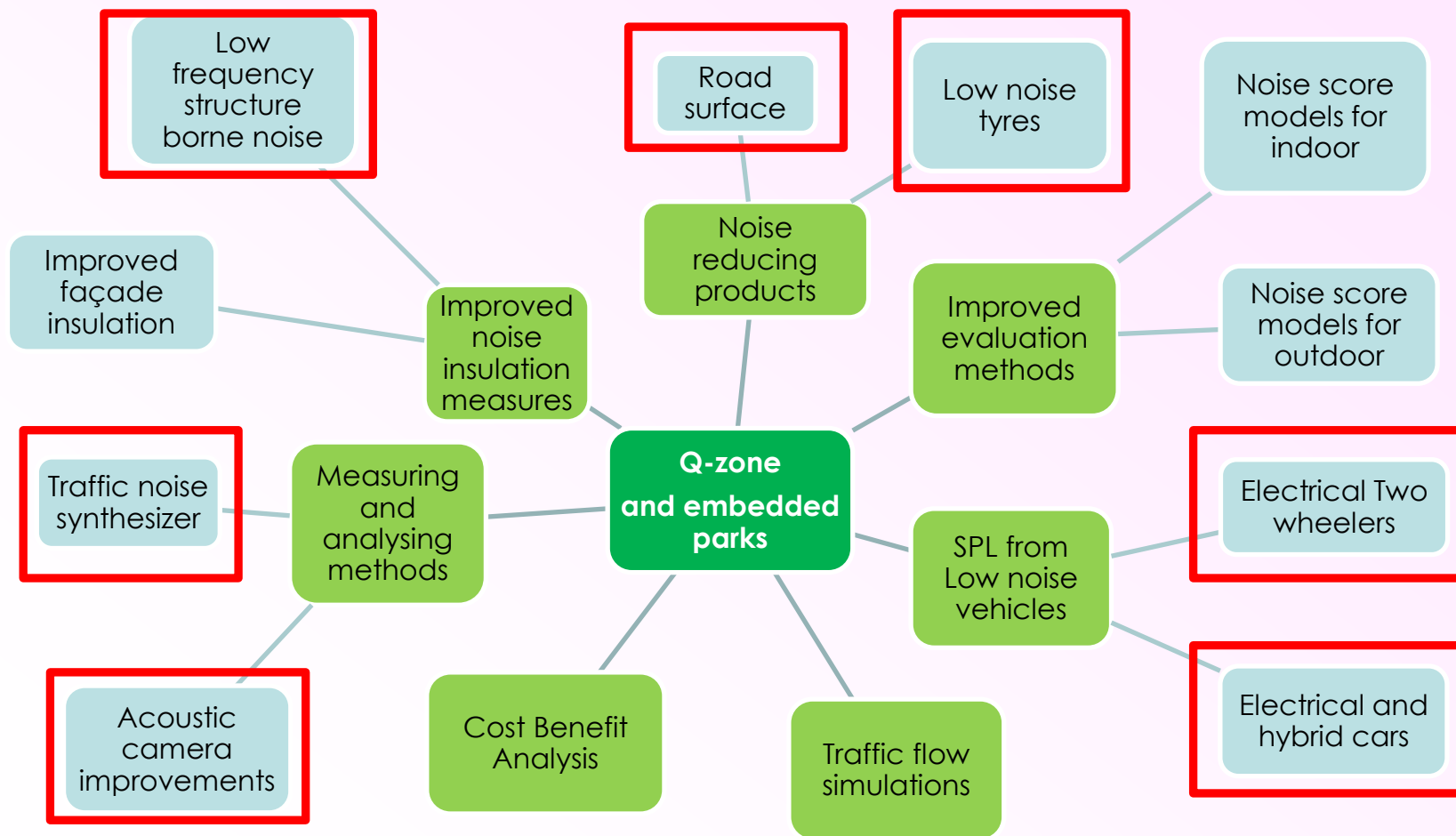
Validation



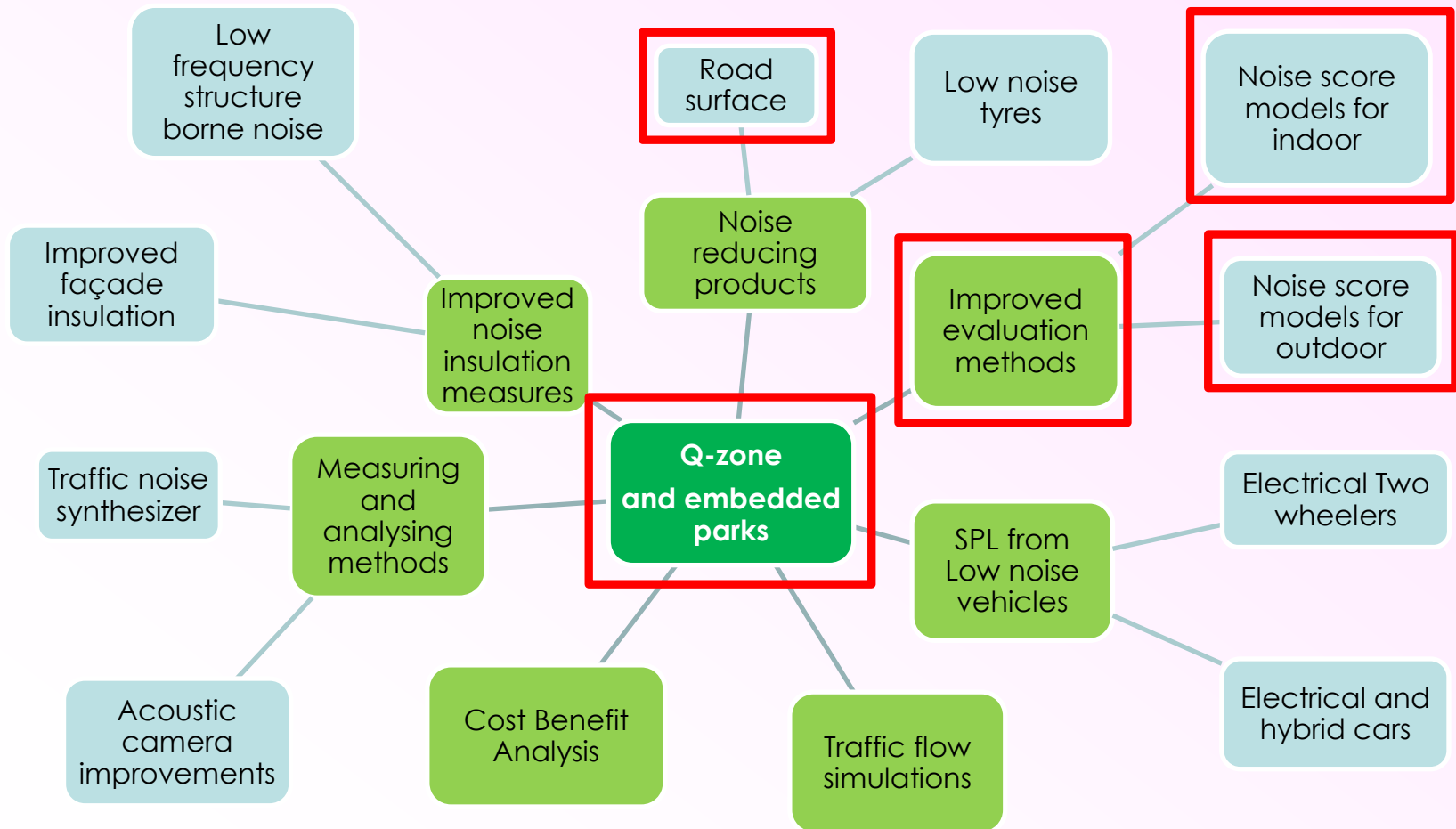
Seminar subjects before lunch



Seminar subjects before lunch



Workshop subjects after lunch





More information...



You can find CityHush deliverables on
the project website

www.CityHush.eu