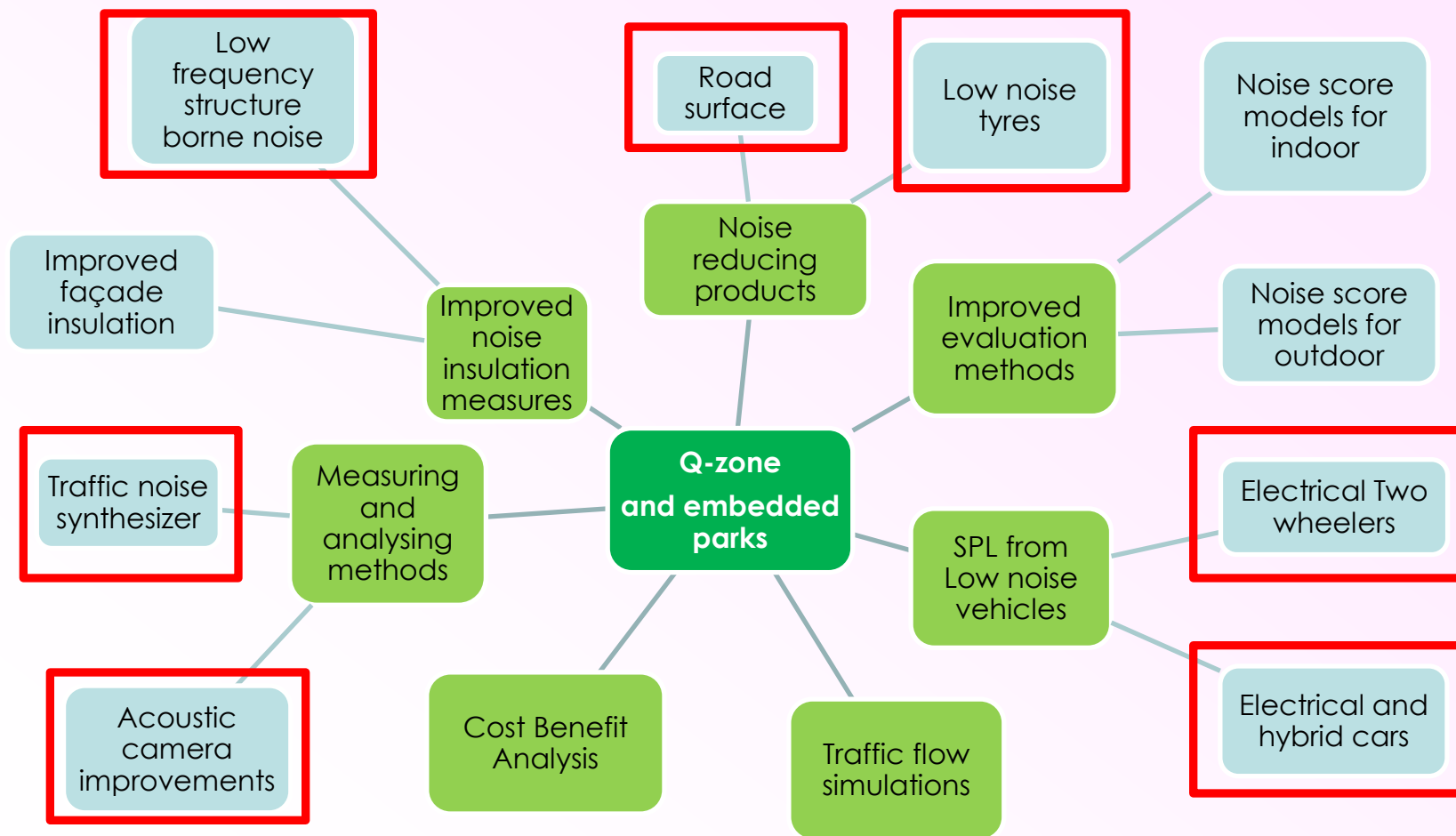


EU-project: CityHush – Summary

Stockholm, December 11, 2012
Presented by Martin Höjer (ACL, Tyréns)

Seminar subjects before lunch



Summary of seminar

- Measuring and analyzing road traffic noise
 - Auralization of traffic noise as a complement to dB(A) levels
- Embedded parks - Gothenburg
 - Improved methods for calculation of noise score outdoor
 - Q-zone can reduce number of annoyed people in the studied parks with up to 7 %
- Low frequency structure borne noise
- Low noise road surface
 - Improved standard road surface with 2 dB(A) noise reduction

Summary of seminar

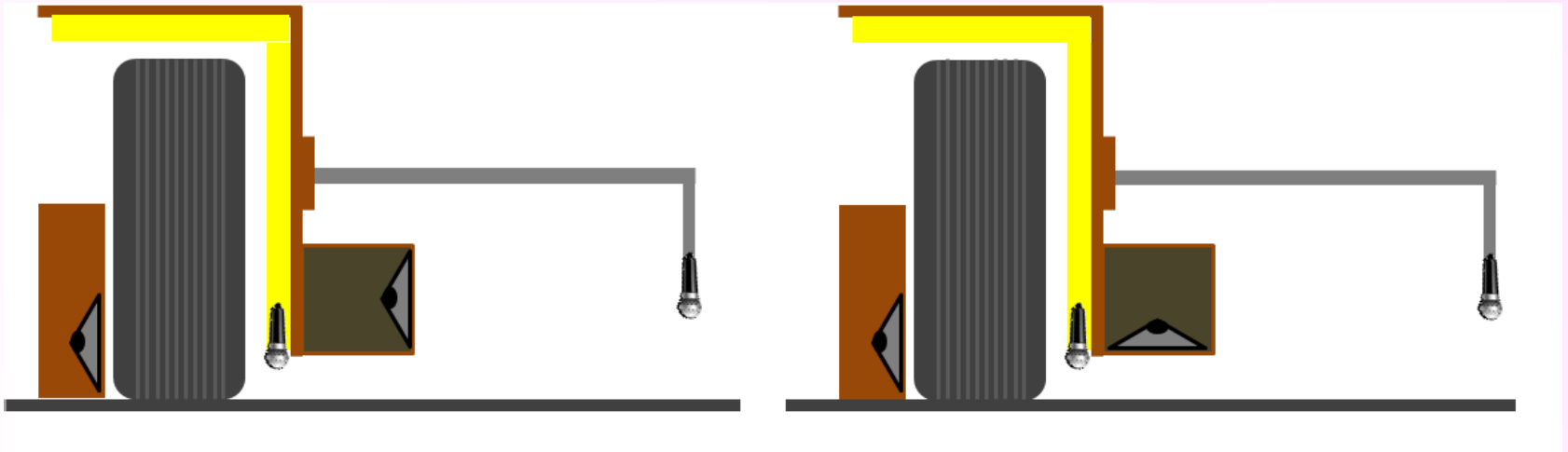
- Noise specifications for purchasing low noise vehicles
- Electric and combustion powered scooters
 - It is not only a question about SPL
- Quiet tyre designs for quiet road surfaces
 - New Goodyear low noise tyres can be available on the market soon

WP 3.4 – Tyre/Road noise

- ✓ DualQ tyre
- ✓ Swedish patent
- ✓ 8 dB(A) noise reduction



Active noise cancellation



Potential noise reduction for
tyre/road noise:

- Tyre hood: 6 dB(A) units
- ANC: 3-6 dB(A) units





More information...



You can find CityHush deliverables on the project website

www.CityHush.eu