



Urbines – Roof top urban wind turbines

Dr Stephen Dance Linda Liviani London South Bank University Capita Symonds

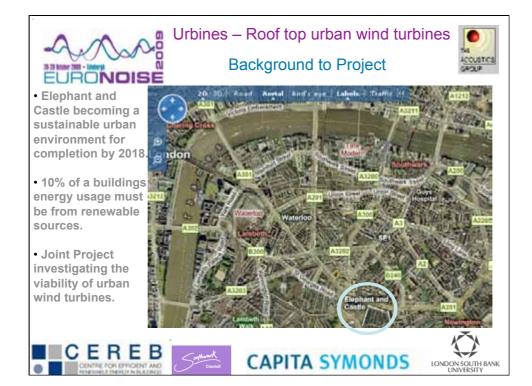


















Urbines – Roof top urban wind turbines



Design and Installation







Vibration isolators and most importantly correctly installed washers!











Urbines – Roof top urban wind turbines



New Quiet Revolution 5



Installed Summer 2008

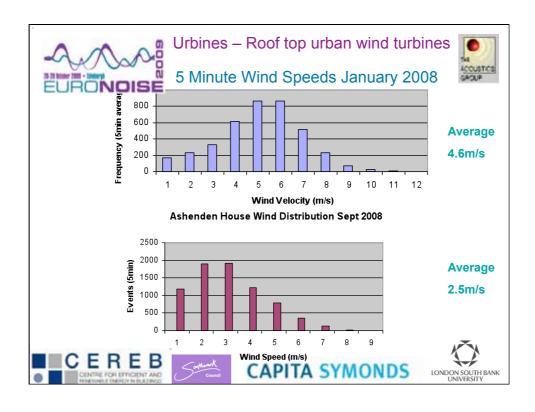


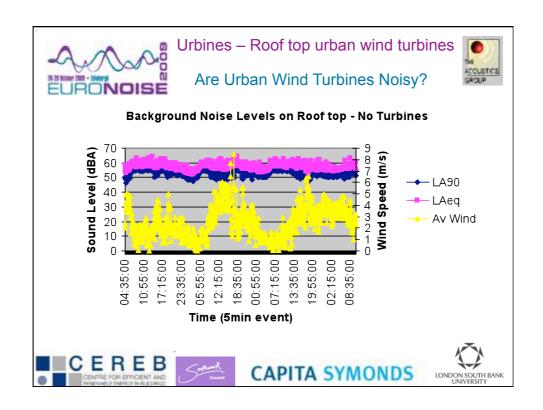


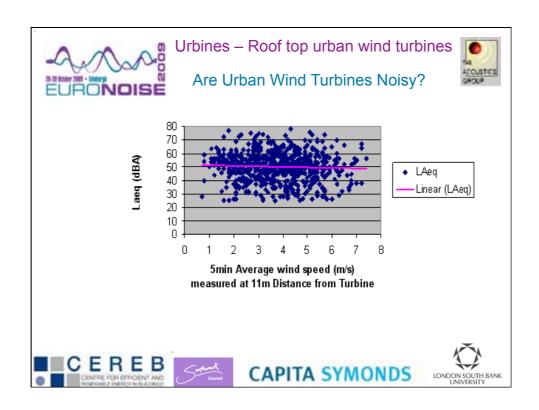


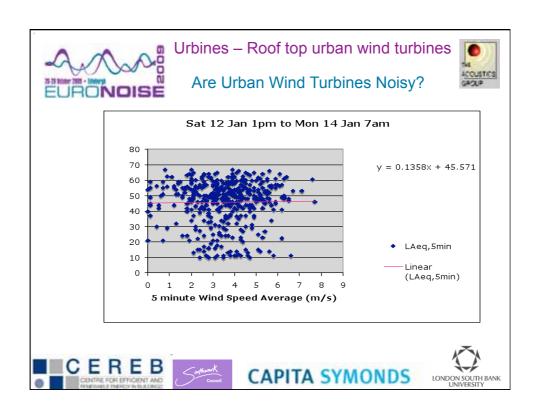


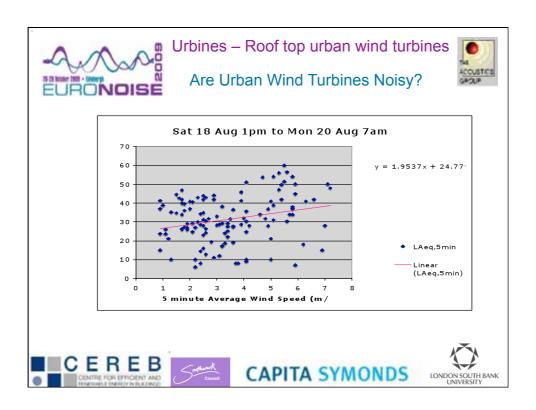


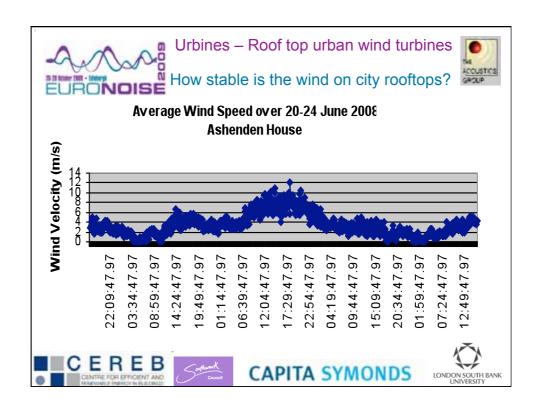


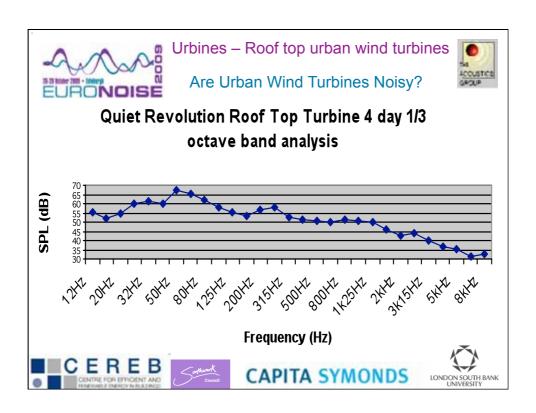


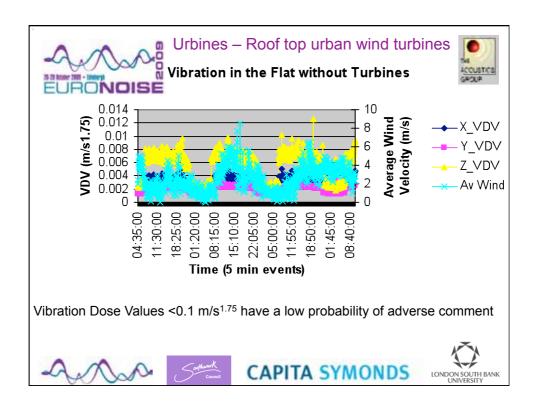


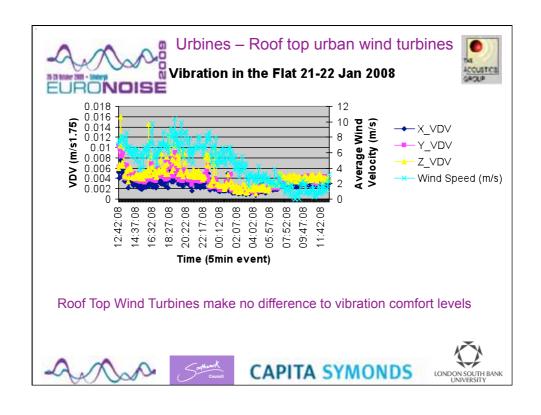


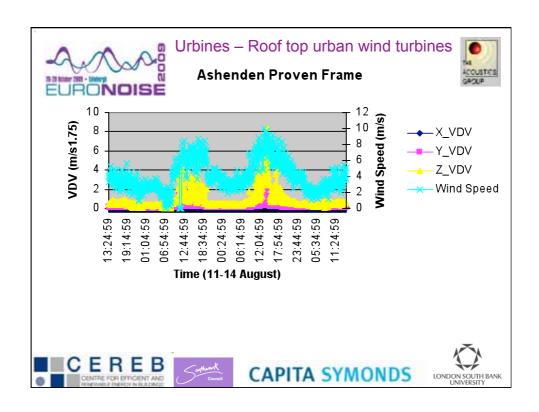


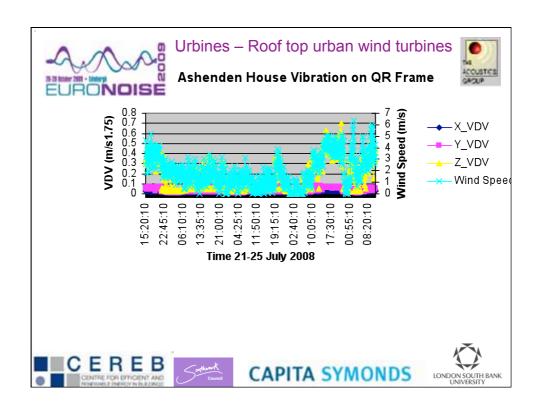














Urbines – Roof top urban wind turbines Another Urbine Site in C



















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Urbine Installation and Vibration Isolators





Better isolation installation

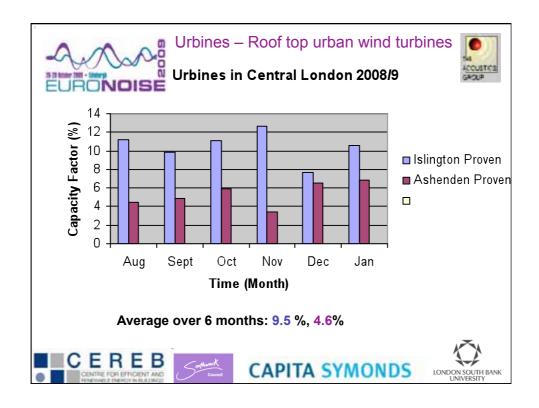
Heavy steel frame no isolation between mast and frame





CAPITA SYMONDS







Urbines – Roof top urban wind turbines Conclusions





- Urbines to not acoustically affect the residents
- Urbines to not acoustically affect the urban environment
- Urbines need to be sited intelligently to be effective













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Thank You for Listening!

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