

# B2B ASSOCIATES

—— *Acoustic* ——

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***Our joint work consists in the identification and execution of activities to conceive,*** *organize and manage the whole construction process of a work of architecture or a civil work, through the logical and temporal succession relations, making sure the customer is assured about the overall quality of the work, in line with the estimated time and expediting the activities for optimized efficiency.*

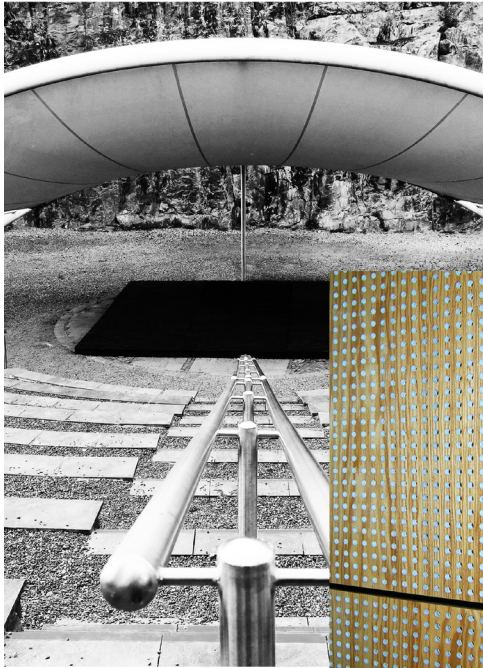
***All efforts are made so that resources are used based on market forecast and in full compliance with the law.***

*Building Acoustic*

*Auditorium acoustic*

*Industrial noise*

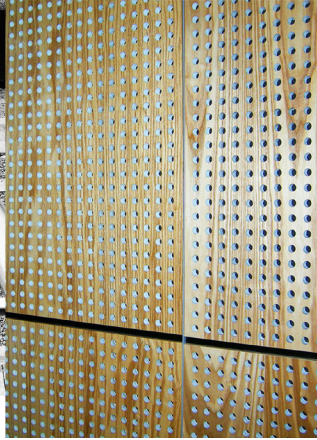
*Environmental Noise*



\_ BALLYKEEFFE AMPHITHEATRE

\_ ACOUSTIC PANEL

\_ MASONIC AMPHITHEATER



## *Building Acoustic*

Acoustic project of facade and internal wall for solid noise and air noise in new and existent building. Measurement in situ of the acoustic values for every acoustic parameter in building acoustic.

Special measurements with pressure or intensimetry method to individuate the problems of facade and internal wall by wall noise mapping.

# *Auditorium acoustic*

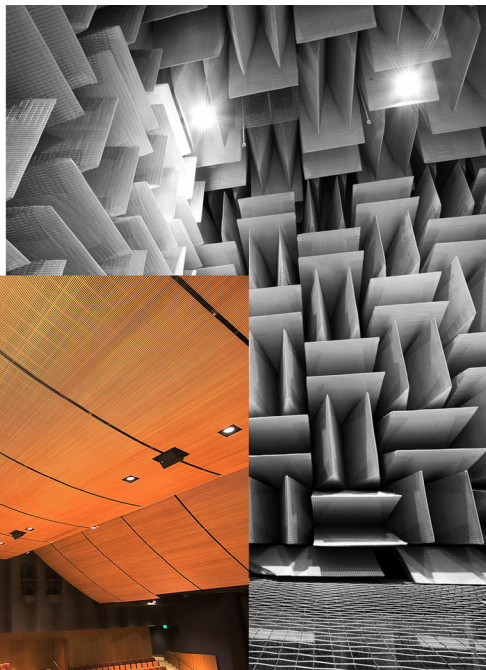
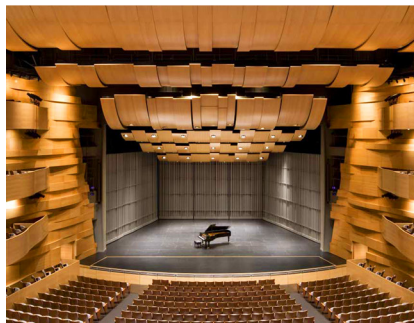
Acoustic study of new and existent rooms with commercial and property modellization software. Auralizations of any acoustic signal (music, voice, noise). Virtual riproduction of signal in virtual model of room. You can hear the future!

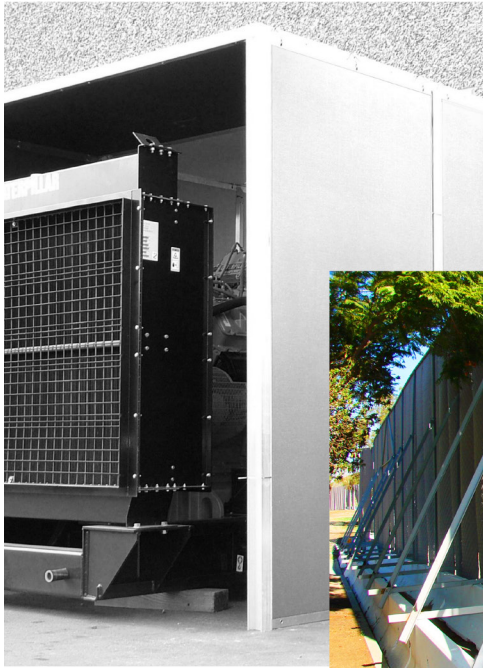
New project, solving problem of existent room, design quality and architectonic projectionation.

\_ SOKA PERFORMING ARTS CENTER

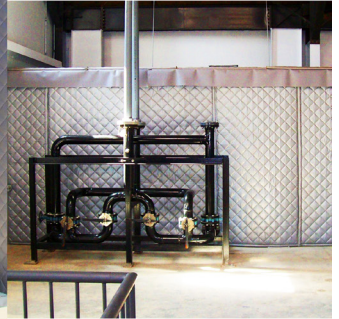
\_ ACOUSTIC CEILING IN WOOD

\_ SEMI-ANECHOIC CHAMBER





- \_ SOUND-ABSORBING PANELS
- \_ SOUND PANELS
- \_ FLEXIBLE SOUNDPROOFED PROPERTY



## *Industrial noise*

Measurements in situ of industrial plants. Modellization of territory involved and noise mapping. Caracterization of sources and study of the solving problem with different technologies: frame, absorption.

Intensimetry measurements finalized to discover source of noise through noise mapping. Solving problem by project improvement.

Intensimetry measurements finalized to set sound power with normalized procedure and a valid regulation in aspecific absorbsion condition.

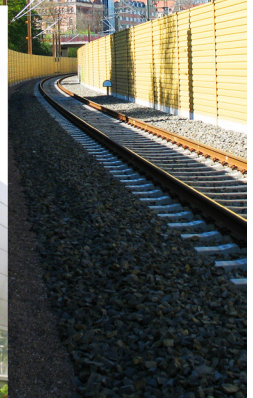
# *Environmental Noise*

In situ measurements finalized to define actual situation in a lot of receiver point. Modelling of environment compared with in situ measurements in the way to calibrate model. Noise mapping of actual situation.

Railways and road solving problems with frame. Special design study of the frames is possible for particular customer goal. Airport noise solving problem with study of take off procedure and routes. For small airport study of use planning with equivalences of noise impact among the different types of AIRCRAFT.

Noise mapping of new situation.

- \_ SOUND TUBE ON THE TULLAMARINE FREEWAY
- \_ SOUND BARRIER
- \_ THE NOISE REDUCTION DEVICE OF THE RAIL TRAFFIC



# B2B ASSOCIATES

— Partners —



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*"Volli, volli sempre, fortissimamente volli" (Alfieri)*

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**Massimo Guazzotti**

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*"Imagination is more important than acknowledgement" (Einstein)*

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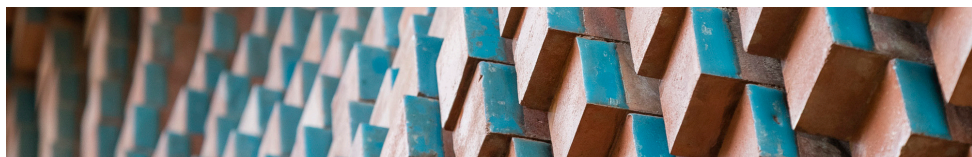
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## *Angelica Bettini*

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*"Niente è impossibile"*

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## *Ugo Utica*

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*"Sturm und drang" (M. Klinger)*

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