

Event noise management



Trinity Consultants Australia offers a comprehensive range of noise monitoring services, including event noise management.

Our event noise team are well known throughout industry. We offer practical experience backed up by engineering and scientific expertise, and a deep understanding of how to balance regulatory requirements, audience expectations and community concerns.

We are trusted by major entertainment and sporting venues and organisers around Australia. Our knowledge is invaluable in predicting problems and solving them before they even occur.

Our capabilities

Pre-event management

- Development and licence applications
- Acoustic modelling and prediction
- Sound propagation and insulation testing
- Background noise monitoring
- Determination of appropriate noise limits
- Event design optimisation for noise
- Preparation of noise management plans

Management during an event

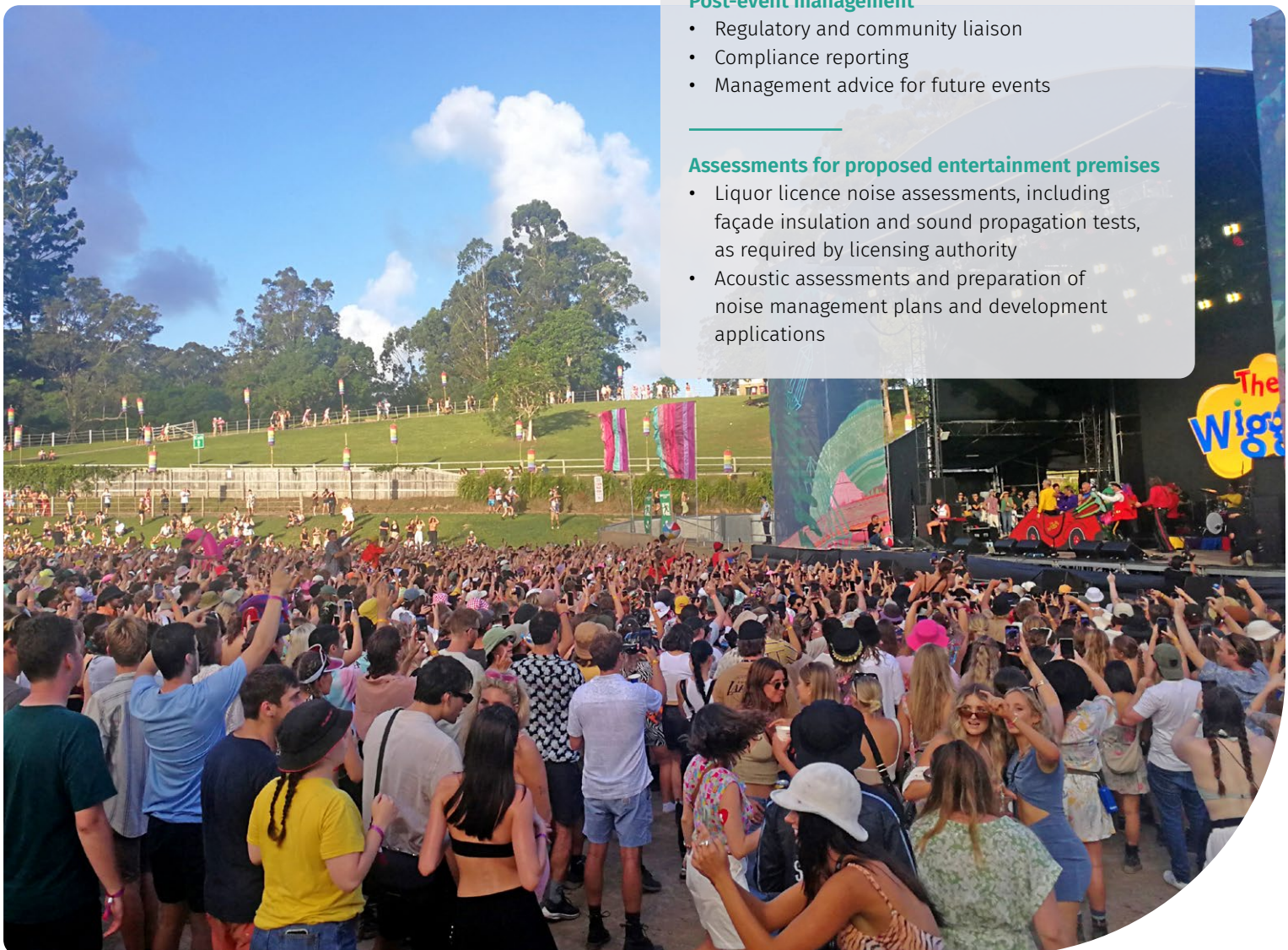
- Noise monitoring to assess compliance
- Advice regarding noise control
- Liaison with production team
- Complaint response
- Liaison with regulatory agencies

Post-event management

- Regulatory and community liaison
- Compliance reporting
- Management advice for future events

Assessments for proposed entertainment premises

- Liquor licence noise assessments, including façade insulation and sound propagation tests, as required by licensing authority
- Acoustic assessments and preparation of noise management plans and development applications





Software and modelling

At Trinity, we use CadnaA and SoundPLAN software to create project-specific three-dimensional noise models that review both internal venue noise and external influences.

Our software allows us to provide targeted noise control solutions for every event and location. Drawing on our knowledge of legislation and industry, we can use our modelling to support and inform comprehensive applications and noise management plans for varied entertainment activities.

Community engagement

The Trinity team is experienced in working with sound engineers and production teams to achieve high sound quality and audience satisfaction, alongside compliance with external noise limits.

We also understand that community relations and perceptions play an important role for the approval and future running of any event. Our team is adept at community consultation and liaison with individual complainants, which is often desired by the regulators and can give comfort to the general public, alleviating stress on the venue.



Our clients

- North Byron Parklands (Falls Festival, Splendour in the Grass)
- Venues NSW (Sydney Cricket Ground, Allianz Stadium, McDonald Jones Stadium)
- Kicks Entertainment (Spilt Milk)
- The Gabba, Brisbane (Taylor Swift, AFL Grand Final)
- Brisbane Parklands (South Bank Parklands, Roma Street Parklands, Musgrave Park)
- Sandstone Point Hotel, Bribie Island (Red Hot Summer, This That, For Shore)
- A Day on the Green (Hill Winery Geelong, Bimbadgen Estate, Centennial Vineyards, Sirromet Wines, and Armidale)

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Get to know our work
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