National Lottery of Belgium
Brussels, BE

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Case Study

Project Owner
The Belgian State

Acoustic Consultant
Bureau De Fonseca

OVERVIEW

Not many people know that The National Lottery of Belgium was founded in 1934 as the Colonial Lottery to raise money for ailing Belgian Congo. In the early 1960's the lottery was rebranded as the National Lottery.

A decade later the National Lottery organised the popular 'lotto' lottery game.

The Lotto draws take place on Place De Brouckère in Brussels, visible to everyone. There are two Lotto draws per week, on Wednesdays and Saturdays at 7 pm. Even if Wednesday or Saturday is a public holiday, the draw still takes place.

Stravilink PHR

- Spring isolation hangers designed to support suspended ceilings, lighting rigs, pipework, and HVAC units and isolate them from the main building structure.

- Bespoke hangers can be manufactured to meet specific loading and natural frequency requirements on request.

SOLUTION

Since the early days of the Lotto, the draws are broadcast on national TV on the evening of the draw, giving people the chance to immediately figure out if they won the jackpot or not.

At the National Lottery of Belgium headquarters at Place De Brouckère, numerous cameras capture every moment of the draw. In the past, problems often arose because vibrations from people walking around on the floor above the ceiling to which the cameras were mounted interfered with the sensitive recording equipment.

To stop the transmission of unwanted vibrations and guarantee that the TV cameras hang still at all times, Stravilink PHR spring isolation hangers were installed.

After the intervention the invitees to the lounge above the studio could once again walk around freely during the broadcast, as no disturbing movements of the cameras below them were detected anymore.

AT A GLANCE

CHALLENGES

• Question arrose if there would still be sufficient mass inertia in the suspended structure holding the tv camera's, once decoupled with springs. After installation we found no external damping had to be applied.

BENEFITS

• Cost-effective
• Quick and easy to install