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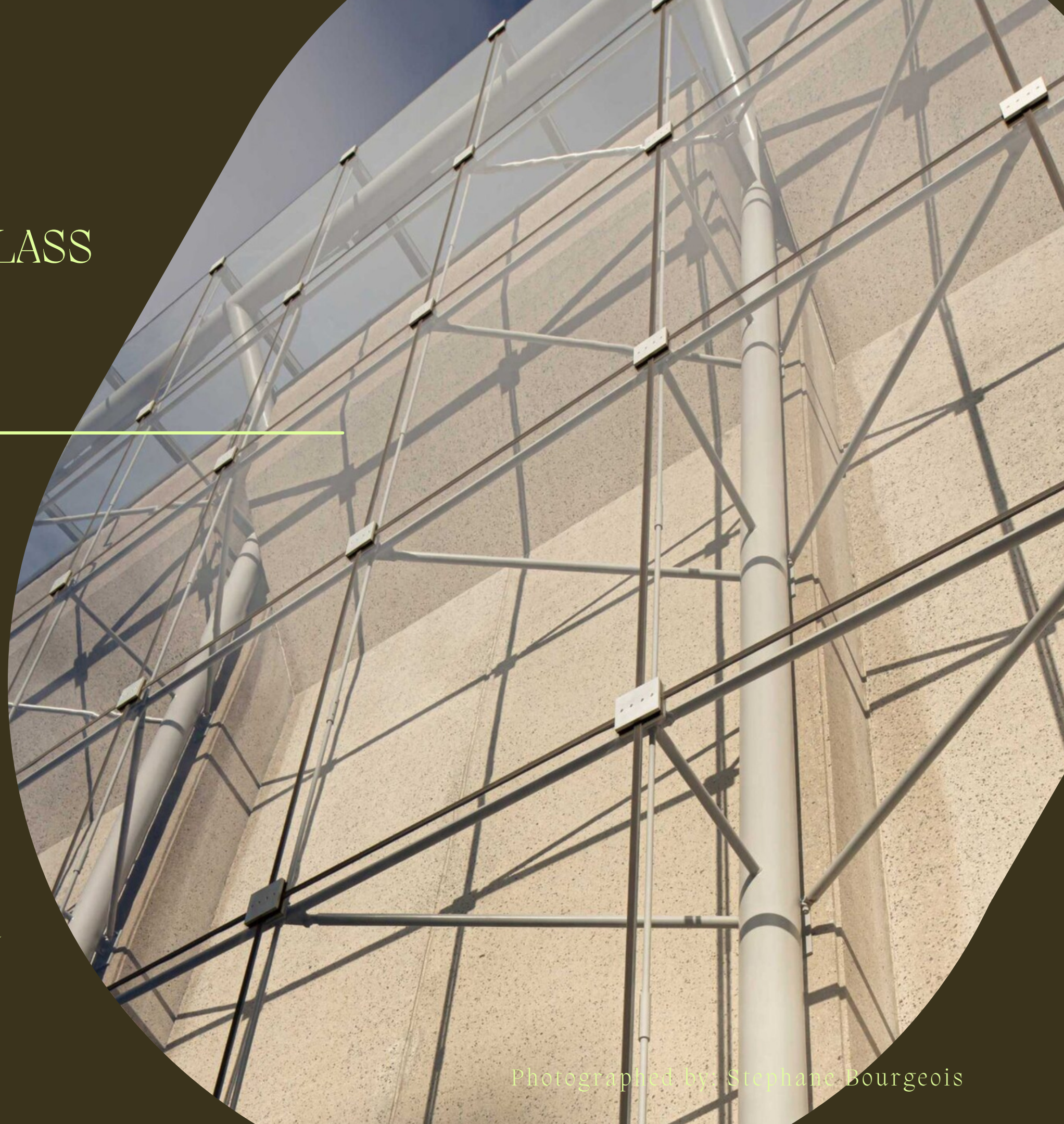
## SUSTAINABLE HERITAGE CASE STUDY CLASS PRESENTATION

December 1st 2022

# INNOVATING HOW HERITAGE IS REHABILITATED

Grand Theatre of Quebec: Preserving a historic mural and Quebec's culture through A nuanced approach

Photographed by: Stephane Bourgeois







Location of site before construction

Retrieved from: <https://grandtheatre.qc.ca/a-propos/notre-histoire/>



Grand Theatre and surrounding area

Photographed by: Stephane Groleau

Retrieved from: <https://www.designnuance.com/lemay-and-atelier-21-designs-new-sustainable-envelope-for-the-grand-theatre-de-quebec/>





End of construction of the Grand Theatre in 1971

Retrieved from: <https://grandtheatre.qc.ca/a-propos/notre-histoire/>



After rehabilitation work in 2017

Photographed by: Stephane Bourgeois

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# Description

- starting as a major cultural project, the theatre opened in 1971 as a commemoration of the Canadian Centennial
- designed by Victor Prus in Brutalist Style which included a compact complex consisting of two large halls, classrooms, studios and a library
- A mural designed and sculpted by Jordi Bonet adorns three of the exterior faces of the structure
- Deterioration of the pre-cast concrete facade was detected in the early 2000's, just 30 years after opening
- To protect the iconic mural and outer shell, a protective glass curtain wall was added to the structure

# Rights holders and Stakeholders



## Key Organizations

- City of Quebec
- Province of Quebec
- Ministry of Cultural Affairs
- Grand Theatre of Quebec Society



## Building Rehabilitation

- Lemay
- Atelier 21
- Pomerleau
- WSP Ambioner



## Owners/Users

- Current Artists and Performers
- Staff
- General Public
- StudioTelus

# Timeline

## *Timeline #1: Organization's History*

- 1963 - Start of search for a major cultural project for Quebec
- 1964 - Victor Prus wins architectural competition and begins designing space
- 1969 - Jordi Bonet completes mural that adorns the walls
- 1971 - The theatre opens and the first management team is appointed
- 1978 - The Grand theatre raises public awareness of the theatre, opera and classical music
- 1987 - Grand Theatre merges with the city to form largest box office in Quebec
- 1990s - Democratization of the performing arts and artistic mediation
- 2000s - The Theatre develops programming aimed at a younger audience and diversifies
- 2020s - Creation of StudioTelus which aims to promote performing and digital arts

## *Timeline #2: Building History*

- 1963 - Locating a site for the project
- 1964 - Architectural competition is launched
- 1966 - Union Nationale (Conservative party) bring modernization projects to a standstill
- 1967 - Construction is relaunched
- 1969 - Construction strike halts work once more
- 1971 - Inauguration of the Grand Theatre
- 2000s - Signs of deterioration on the exterior
- 2017 - Conservation and rehabilitation of the site takes place





Jordi Bonet (left) during the construction of the mural  
Retrieved from: <https://grandtheatre.qc.ca/a-propos/notre-histoire/>

# Natural/Cultural Heritage



Intangible cultural heritage does not only represent inherited traditions from the past, but also contemporary rural and urban practices in which diverse cultural groups take part.... It contributes to social cohesion, encouraging a sense of identity and responsibility which helps individuals to feel part of one or different communities and to feel part of society at large (UNESCO)

Examples:

- The Quebec Symphony Orchestra
- Broue by Jeane Lapointe
- Variety Shows
- Dance performances



# Sustainability

## *Environmental Sustainability*

- Use of prefabricated steel structure and glass infill panels
- use of existing foundation
- Low-flow heat recovery envelope and thermal mass system
- new envelope increased energy intensity throughout the year

## *Cultural Sustainability*

- artistic continuity since opening, but also offering different programming through the years
- place for community to gather through classrooms and media studio
- Defining elements of Brutalist structure and preservation of emblematic mural

## *Social Sustainability*

- Studio Telus is a new multifunctional and versatile space for creation of digital and performing arts
- creates a inspiring and accessible environment for people of all backgrounds

## *Economic Sustainability*

- recycled materials used for glass encasement
- rehabilitation work all done while theatre was operational





Close-up of steel skeleton that is offset from original concrete structure

Photographed by: Stephane Groleau

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Glass infill panels that make up the building envelope but also allow for reflection into the interior

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# Assessment/Measurement

**8** DECENT WORK AND  
ECONOMIC GROWTH



**11** SUSTAINABLE CITIES  
AND COMMUNITIES



**9** INDUSTRY, INNOVATION  
AND INFRASTRUCTURE



**12** RESPONSIBLE  
CONSUMPTION  
AND PRODUCTION

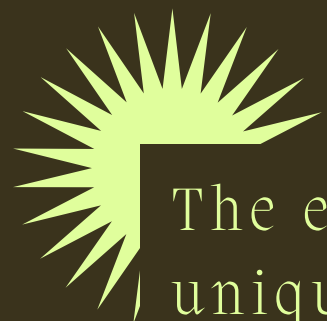




# Lessons Learned



Complexity surrounding logistical, physical, and time constraints for The Grand Theatre of Quebec required a transdisciplinary team to produce a sustainable, innovative solution



The encasement approach for this project is unique to North America and contributes to the advancement of practices when it comes to challenges posed by the preservation of modern heritage



The integrated design and delivery process was essential in order to ensure the long-term sustainability of a central piece of Quebec City's modern heritage



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