The liget is an urban public park for relaxation and entertainment. It contains museums that contribute to cultural knowledge, and provides leisure activities to citizens. Actually it also attracts every year a great number of tourists and visitors to the park by a large green built area and open air bath, Zoo and Circus as well. The Városliget Park is one of the most popular target for families with children in weekends.

Due to the need of the old institutions in the park of a refurbishment an international design competition was announced by the governmental sector in the year 2013; this included the building of four new institutions in the park.

- The House of Hungarian Music
- The New National Gallery
- The Museum of Ethnography
- City Park Theatre

The design competition also includes the renewal of the existing buildings of Hungarian Transport Museum and transport system of the park in general, increasing its new areas and making it more accessible for the citizens.

In the next images we can see the various interiors of the new building placed in the liget Budapest, and the timeline that the project of the five new museum buildings will produce.

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**Timeline of Project Schedule**

**2011** Idea of park refurbishment was born.

**2013** Design idea competitions for the park was announced.

**2014** Városliget Co. execute and manage the renewal project.

**2015** Finalisation of architectural programme.

**2016** Garten Studio winner of landscape architecture competition.

**2017** Building operations start of New National Gallery.

**2018** Building operations start of New National Gallery.

**2019** Ending works of museums except the New National Gallery.

**2020** Opening of New National Gallery.

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**Risk Analysis**

The total refurbishment of the city park is a big project of high cost this is why we should pay more attention to the risks that can occur in it. A deep analysis of the risks that could occur in this project has been done with the method of the risk matrix and the problems that can cause a higher negative impact have been studied and possible solutions for the mitigation of this impacts found. The next diagrams show in a schematic way this study.

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**Summary of Solutions**

**Category**
- Project direction
- Costs and quality
- Risk management
- Organisation

**Explanation**
- Carry out a revision from the beginning of the construction project; the manager should be involved every week to identify potential delays; if delay in a timely correction action should be included.
- Project direction
- Contract management
- High construction cost and low expected
- Cost and quality
- Risk management
- Organisation

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**Risk Matrix**

**Impact**
- Very High
- High
- Medium
- Low
- Very Low

**Probability**
- Very High
- High
- Medium
- Low
- Very Low

**Risk Analysis**

<table>
<thead>
<tr>
<th>Origin</th>
<th>Category</th>
<th>Probability</th>
<th>Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design risk</td>
<td>D1 Design conceived and implemented</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Design risk</td>
<td>D2 Design process taken longer than planned</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Design risk</td>
<td>D3 Stakeholders request late changes</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>External risks</td>
<td>E1 Public opinion</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Environmental risks</td>
<td>E2 Potential non-conformant analysis</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Organisational risks</td>
<td>O1 Unprofessional staff</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Project management</td>
<td>PM Organisation issues or contractor delays</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Right of way risks</td>
<td>R1 Construction permissions are temporary suspended</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Right of way risks</td>
<td>R2 Constructions in conservation locations are not legalised</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Construction risks</td>
<td>C Higher construction cost than expected</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

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**Probability Table**

Probability: 10 (very high) - 0 (very low)