THROUGH, ABOVE AND UNDER

Art Hub on the Path of Surrealism
<table>
<thead>
<tr>
<th>Year</th>
<th>Overnight Trips</th>
<th>Domestic vs. International</th>
<th>Prague Castle Visitors</th>
<th>Trip Advisor’s Travellers Choice Destination</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>5,899,630</td>
<td>domestic: 14.6% international: 85.4%</td>
<td>6,149,000</td>
<td>9th place</td>
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<tr>
<td>2017</td>
<td>7,625,761</td>
<td>domestic: 14.2% international: 85.8%</td>
<td>7,944,000</td>
<td>7th place</td>
</tr>
</tbody>
</table>

Overnight Trips increased by 30% from 2013 to 2017. Domestic tourists decreased slightly from 14.6% to 14.2%, while international tourists increased from 85.4% to 85.8%.

The Prague Castle Visitors also increased from 6,149,000 in 2013 to 7,944,000 in 2017, marking a 30% rise.

Trip Advisor’s Travellers Choice Destination moved from 9th place in 2013 to 7th place in 2017.

The growth of tourism in Prague has led to concerns about urban transformation, from the “golden Prague” to a common commodity. The waves of tourists have overwhelmed the city's landmarks, driving residents away and transforming them into digital-era commodities, negatively impacting the city's identity.

Through, Above and Under project aims to address the rising issues of tourism overload in Prague. The project seeks to transform the beautiful city into a tourist commodity, affecting its historical significance and cultural heritage.

Prague: Tourism Overview

Zvezdina Ivanova

4746104
TOURIST AREA AND ATTRACTIONS

ОСНОВНА ТУРИСТИЧЕСКА ЗОНА И ЗАБЕЛЕЖИТЕЛНОСТИ

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against overtourism: aiming at dispersion
1. Old Town Square
2. Wenceslas Square
3. Sokol Gymnastics Club Praha
4. Mlýnka Beer Garden
5. Children’s Playground and Cafe
6. The Little Mole Int. PreSchool
7. Zizkov Television Tower
This park, over a century old, used to be the site of vineyards, but today all that remains are parts of the original buildings: the Classicist lookout from the 1920s, renovated into a restaurant, and a three-sided obelisk of sandstone from around 1840.

The gardens originated in 1902 by linking the former garden called Kanáčka and the gardens of several homesteads. The park itself was established between the years 1904 and 1908 by Leopold Batěk, a garden director at Vinohrady, after purchasing all properties by Municipality of Vinohrady. In 1938 the area of the gardens was reduced by construction of the Sokol gymnázium with a playing field designed by architects František Marek and Zbyněk Jirsák. It was one of the largest Sokol compounds in the world.

Since their establishment, the gardens they had been named after the Czech politician František Ladislav Rieger.

From the park the visitor has a view over the Prague Castle, Malá Strana and the main railway station.

The Sokol was founded in Královské Vinohrady just under six years after their promotion to the city on February 27, 1887. The current Sokol House was built in 1938. Due to the Nazi occupation it was not used until 1946. This building is an example of one of the cleanest Prague functionalist buildings at the turn of the 30th and 40th centuries years of the last century.

While there were more than 12,000 members of the Vinohrady unity in the February of the Czechoslovak community of Sokol, today their number is 1,500.

The TJ SKV complex includes 46,000 m³ of hall space and 22,000 m³ of space, making it the largest Sokol factory in the world. It also features a swimming pool, the only one of its kind in Prague 2. On the adjoining grounds there is a large summer training ground and two other universal playgrounds.

Sports: Swimming, Fitness, Football, Aerobics, Yoga, Modern Gymnastics, Volleyball, Floorball, Athletics, Basketball, Aikido, Taiji, Systema RMA Praha, Dance academy
GENERAL CONCEPT: CITY - PARK - SITE | ОСНОВНА КОНЦЕПЦИЯ: ГРАД - ПАРК - ТЕРЕН

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The Black Madonna

"Babex" by David Černý

"Pomos" by Escif

Clock of the Jewish Town Hall

Man with Umbrella

The Two Suns

Yellow penguins

Legal graffiti wall Vltavská
GENERAL CONCEPT: CITY - PARK - SITE  |  ОСНОВНА КОНЦЕПЦИЯ: ГРАД - ПАРК - ТЕРЕН

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1. Noodle Delirium by Collectif Arg
2. Clear Conscience by Emil Alzamora
3. Invisible Barn by STPMJ
4. Sculptures by Emil Alzamora
5. Knife and Fork by Euan Cunningham
6. Wind Dance by Vladislav Novikov-Barkovsky
7. Sculpture by Polygoneproject
8. Core by Emil Alzamora
9. Afterlife by Emil Alzamora
10. Artwork by Markus Hofer
11. Sculpture by Eddie Prabandono
12. Piece of Sherry and Alan Koppel's Surrealist Garden
13. Wire Mesh Sculptures by NUNTCHI
GENERAL CONCEPT: CITY - PARK - SITE | ОСНОВНА КОНЦЕПЦИЯ: ГРАД - ПАРК - ТЕРЕН

Learning
Making
Exhibiting
Building program

ФУНКЦИИ И ПОМЕЩЕНИЯ

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Passage | Пасаж
Exhibition space | Изложбено пространство
Study rooms | Класни стаи
Ateliers and workshops | Ателиета и работилници
Restaurant | Ресторант
Performance space / Music bar | Зала за представления / Бар
Back of house | Сервизни помещения
Technical room and museum storage | Машинни помещения и склад

Tower | Кула
Public | Общодостъпна част
Semi-public | Полу-общодостъпна част
The river is the physical embodiment of time

Horizontality vs. Verticality / Earth and Sky
Representation of the architecture in Prague: strongly holding onto the earth while reaching for the sky

Horizontality срещу вертикалност / Земя и небе
Представяне на архитектурата в Прага: силно държаща се на земята, протягайки се към небето

Visual Perception / Fantasy vs. Reality
Prague is the city of views: internal - towards the numerous stages, presenting a fantasy; and external - the elevated observation points towards the city, presenting the reality

Визуално възприятие / Фантазия срещу реалност
Прага е градът на изгледите: вътрешен - към многобройните сцени, представящи фантазии; и външен - възвишените точки за наблюдение към града, представляващи реалността
Outdoor exhibitions
Изложби на открито

Open-air events / festivals
Събития на открито / фестивали

Open-air cinema
Кино на открито
On Site
На терена

New - External
Нови - екстериор

Brick - Dark with a shade of beige
Тухли - Тъмни с бежов оттенък

Gold leaf
Златни листи

Red Polyurethane coating
Червено полиуретаново покритие
**Semi-public facade**
Horizontal detail

Light and transparent - glass skin
Outer brick layer crumbles down to open up views and let more natural light in
Incorporated smart shading system

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**Public facade**
Horizontal detail

Solid and closed - steel frame with brick outer skin; very few windows
Outer brick layer provides natural light control and lets reduced amount through perforations
Inner-facing side of the outer brick is painted in white for increased reflection
Integrated water pools between the two layers of the facade for extra light reflection
**The Tower**

Light and open
Red flooring is introduced again in a simple concrete box
Light from above, filtered through a water pool

**The Corridor**

Narrow and dark
Many small openings letting light beams in

**Entrance: Park**

Red flooring connects to the running track
Narrow but tall
Light coming through slim slits in the walls

**Entrance: City**

Continuation of the red flooring in the interior
Tromp l’oeil forced perspective
One main opening - "tunnel light"

**The Corridor**

Narrow and dark
Many small openings letting light beams in

**Entrance: Park**

Red flooring connects to the running track
Narrow but tall
Light coming through slim slits in the walls

1. Червена подова настилка, откриваща входа с пистата за бягане
2. Тесен и висок
3. Светлина, влизаща през тесни прозорци в стените

**Entrance: City**

Continuation of the red flooring in the interior
Tromp l’oeil forced perspective
One main opening - "tunnel light"
**Entrance**
Metal frame clad with steel, dressed in gold leaf

**Facade - double layered**
Dark brick in basket weave bond - inner side painted white
Perforated Bracing connecting it to the inner facade layer
Wall
- 115mm brick layer
- 40mm ventilated cavity with windposts
- 50mm insulation board
- 180mm stud wall with insulation
- 12.5mm lime plaster

Floor
- 20mm screed flooring of white cement with stone aggregate
- 60mm screed
- Separating layer
- 5mm sound insulation
- 50mm concrete filling
- Metal decking with insulation
- Steel beam (356 x 171mm)
- Felt panels

Passage
- Gold leaf
- Steel cladding
- Sound-absorbing mat
- CLT panel
- PUT colour coating

Floor
- 20mm screed flooring of white cement with stone aggregate
- 60mm screed
- Separating layer
- 5mm sound insulation
- 50mm insulation
- 250mm concrete slab
- Felt panels

Roof
- 100mm vegetation layer
- Filter mat
- Breathable drainage panel
- Filtration layer
- Waterproofing membrane
- 100mm thermal insulation
- Vapour control layer
- 18mm plywood deck
- Metal decking with insulation
- Steel beam
- Felt panels (for acoustic improvement)
Ground Source Heat Pump
- Reduces CO2 emissions
- Reduces the energy losses on energy transportation by 8-10% and the heat transfer losses by 10-15%
- Cost effective
- Underfloor heating - no maintenance, slow cooling

Mechanical Heat Recovery Ventilation
- Energy saving - recovering heat from extract air instead of letting it in the atmosphere
- Extracts pollutants
- Quiet
- Helps with condensation issues
Light

Private side:
- Adaptive shading system
- Elements can be retracted and rotated according to the weather conditions to optimize the performance

Museum side:
- Light filtered through perforated brick facade
- Indirect light from reflection on the inner side of the outer brick layer
- Indirect light from skylight
Rain Water Collection
- Can be used for irrigation and utilities
- Reduces stormwater runoff
- Reserve in case of emergencies

Annual precipitation in Prague - 526 l/m²
Building area footprint - 2 830,5 m²
Volume of rainwater storage required - 78 292 L

Acoustic solution
- Suspended felt ceiling panels
- Contain 60% recycled materials and are 100% recyclable
- Noise Reduction Coefficient of 0,85
INTERIOR VIEWS: EXHIBITION SPACE | ИНТЕРИОРНИ ИЗГЛЕДИ: ИЗЛОЖБЕНА ЗАЛА
THANK YOU