

# Placement logic of construction objects on BitRent platform



When the project is created within the platform, it automatically leads to Smart Contracts pool formation. These Smart Contracts will control all the processes from construction monitoring to financial operations management, with separate Smart Contracts to be built for each and every construction element and type of work.

Once of such construction elements are installed (while performing the works), with data from RFID tags and sensors (for instance in concrete) to be transmitted to data base. This information will be compared with data from BIM-model of a building.

Q

Search

Projects

Developers

...

Create Building

Commercial Building

45+

100000-200000 m2

LEED Platinum

BREEAM Remarkable

High

General

Country

USA, France, etc

City

Los Angeles, New York, etc

Constructor

Type name

Building details

Types

Commercial buildings

Number of floors

17 floors

Floor area

10000 m

West Front Center

Construction Progress - 9%

USA, New-York, 0217 Wolf Court Suite 235

Building Types - Commercial Building

BREEAM - Remarkable

Number of Floors - 53

Environmental Compatibility - High

Floor Area - 168450 m2

Construction Stage - Preparatory

LEED - Platinum

Invest - 450 RNT >

453,500 RNT of 800,000

The West Front Center at Wolf Court Suit is not your average neighborhood gym.

With a 6-lane, 25-yard pool, ¼-mile indoor track, 2 fitness studios, 10,000 square

Harmony

Construction Progress - 65%

West Noble, 442 Deven Expressway

Building Types - Commercial Building

BREEAM - Remarkable

Number of Floors - 68

Environmental Compatibility - High

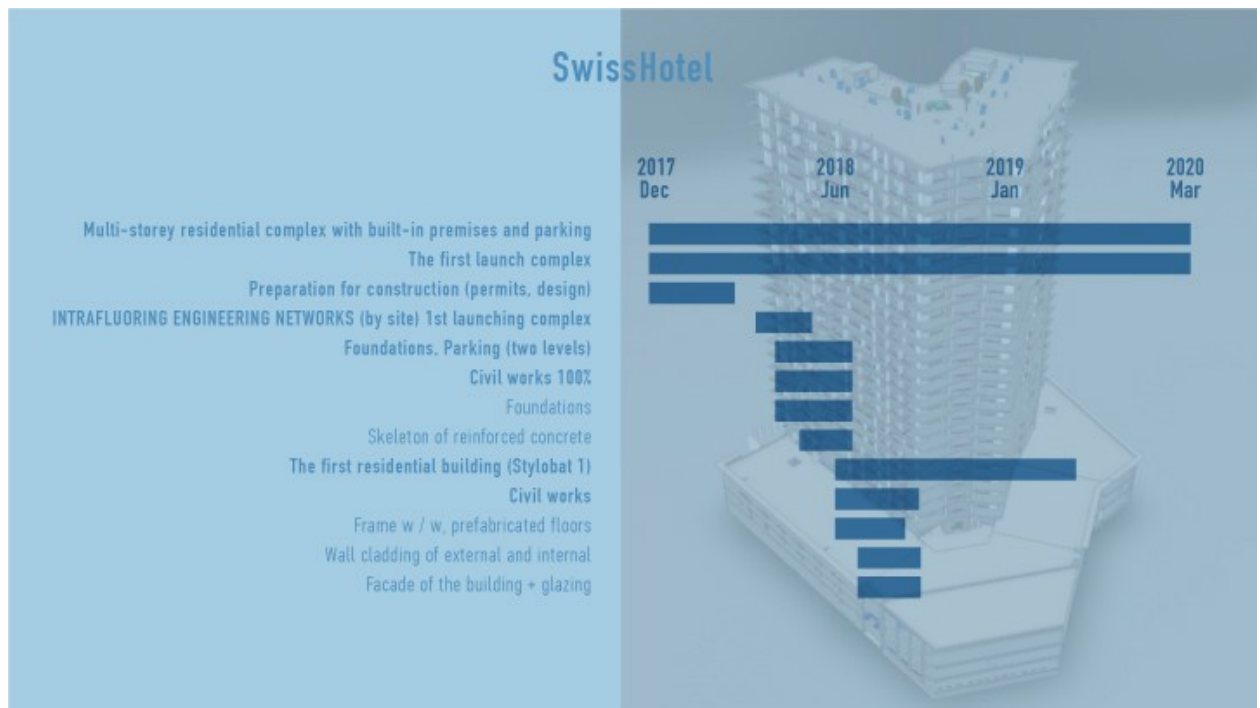
Floor Area - 198450 m2

Construction Stage - Base stage

Provided the installation is smooth and all technical requirements are met, Smart Contract confirms this working stage.

When Smart Contract confirms such working stage, several developments take place:

- **digital model of a building** — responsible for construction control and technical norms — gets notifications on newly built elements; then this information is visualized for investors and auditors and speaks for work delivery;
- **financial part** of this working stage is to be completed — from construction supplies calculations to salaries; if necessary (provided Smart Contract allows it), money transfer to developer's account takes place.



At the first stage a seller needs to upload:

1. Country / city / district / location
2. Land parcel documents (rent, ownership, intention to buy), land cost
3. Project execution time in broad terms or construction priority
4. Investor budget includes:
  - land cost per m2 of a building;
  - agreement and networks connecting costs per m2 of a building;
  - estimated cost of approval documents for construction and commissioning per m2 of a building;
  - construction budget split into several blocks in detail per m2 of a building;
  - below zero
  - floor by floor framework
  - facades
  - internal network electricity , heating (depends on the region), Ventilation, conditioning and etc.)
  - decoration
  - landscaping and public amenities around the object;
  - marketing costs per m2 of a building;
  - detailed project within BIM model;
  - energy efficient technologies and green standards presented by the platform;
5. Total costs per m2 of a building!
6. Company, portfolio, project implementation experience, success stories, exploitation and info on founders.

The platform evaluates all data received, and verifies the company at the first stage. Then they evaluate the project itself and assign to it a primary

rating based on criteria that correspond to the platform's requirements. After that takes place sharing of specified information, checking reliability of data and feasibility of the budget. This all is performed by our experts in various fields. Only after that the final status is assigned — checked and verified.

The screenshot displays the BITRENT platform interface. On the left, a sidebar contains filters for 'Types' (Commercial buildings), 'Number of floors' (17 floors), 'Floor area' (10000 m), and 'Construction Progress' (0% to 15%). Below these are tabs for 'Standards', 'Project info', and 'Cost'. At the bottom of the sidebar are 'Clear Filter' and 'Search' buttons. The main area shows two project listings: 'Harmony' and 'Skyline'. Each listing includes a building image, a title, construction progress percentage, location, building types, number of floors, floor area, construction stage, LEED rating, and investment amount. A progress bar for each project shows 453,500 RNT out of 800,000.

| Project Name | Construction Progress | Location                                  | Building Types      | Number of Floors | Floor Area | Construction Stage | LEED     | Invest    |
|--------------|-----------------------|---|---------------------|------------------|------------|--------------------|----------|-----------|
| Harmony      | 65%                   | West Noble, 442 Deven Expressway          | Commercial Building | 68               | 198450 m2  | Base stage         | Platinum | 550 RNT > |
| Skyline      | 32%                   | USA, New-York, 85 Littel Village Apt. 208 | Commercial Building | 52               | 128450 m2  | Base stage         | Platinum | 250 RNT > |

Our Telegram community: <https://t.me/bitrentio>