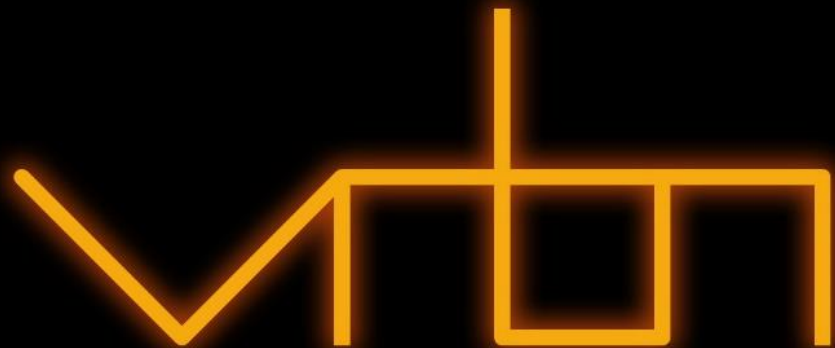




GeoDev Meetup 3 2017

*'Maps for Everybody'*

*me too!*



**esri**

Partner Network  
Silver

## *presenter*

- > *matthias bühler* [ *msc arch eth zurich* ]
- > *CityEngine dev team @ esri* [ *~5y* ]
- > *CityEngine consultant @ GDL* [ *UK* ]
- > *env dev lead @ Scanline VFX* [ *canada* ]
- > *founder & ceo 'vrbn AG'* [ *say 'urban'* ]





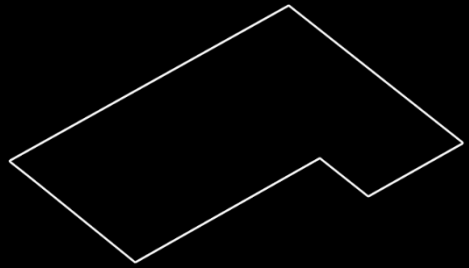
▶ ⏩ 🔊 1:18 / 2:08 ⚙️ 📺 🗨️

CityEngine: IDR reel

 Matt Buehler  
[Subscribe](#) 139

692 views

# What is CityEngine?



*shape*

+

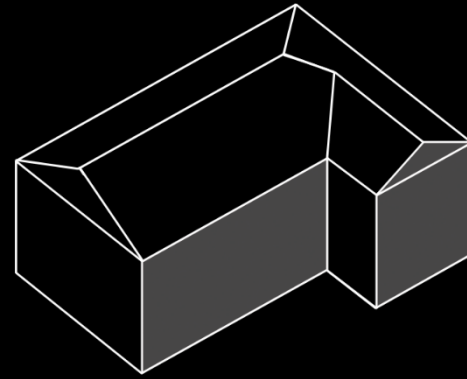
```
attr    roofAngle    = 30
attr    eaveHeight   = 12

@StartRule
Shape -->
    extrude(world.y, eaveHeight)
    comp(f){side: Facade. | top: Roof}

Roof
    roofGable(roofAngle)
```

*rule*

=



*model*



*city*





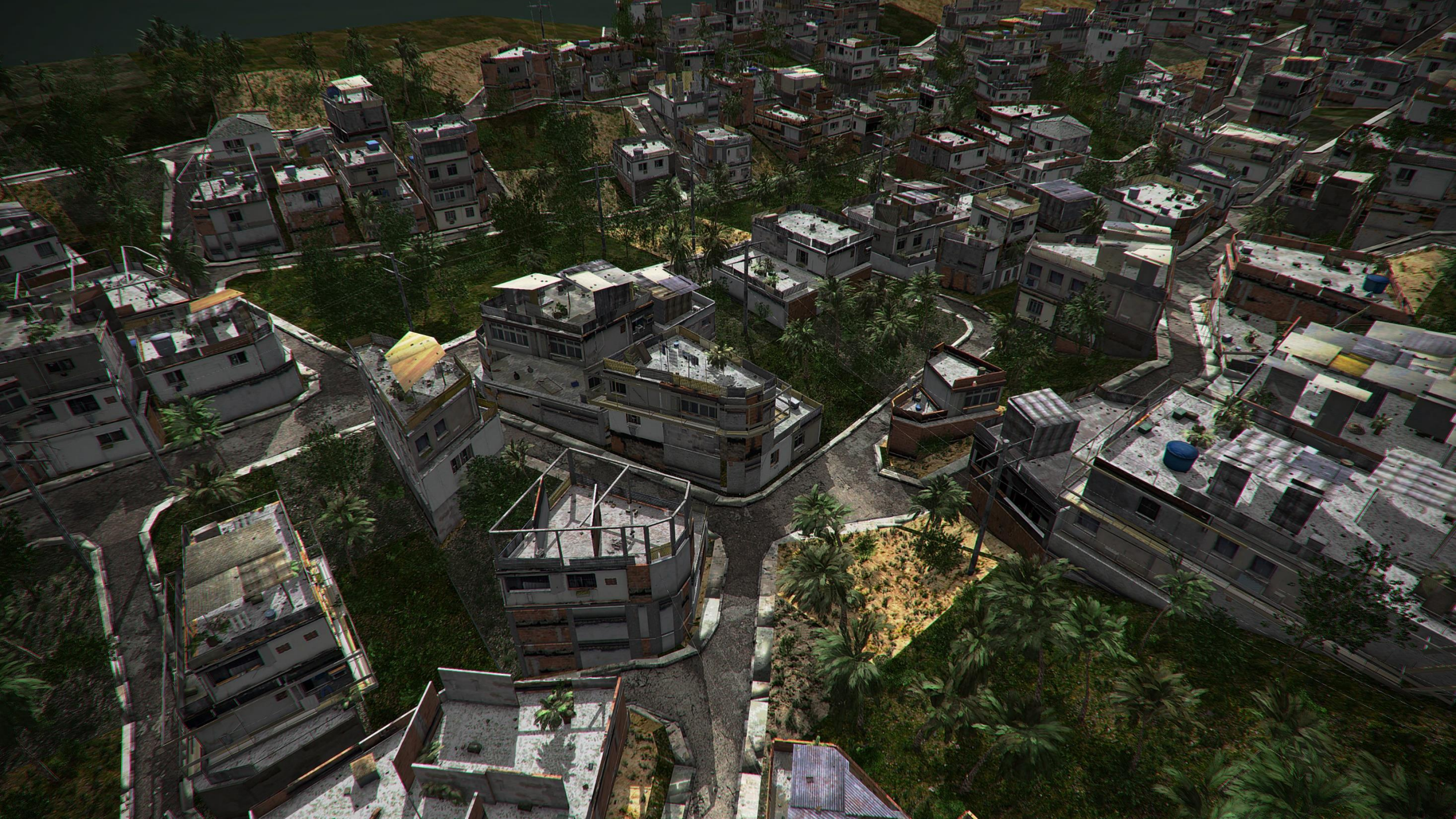
h i g h e n d   v i s u a l i z a t i o n s













v r b n M a s t e r P l a n n e r 2 0 1 7







VR



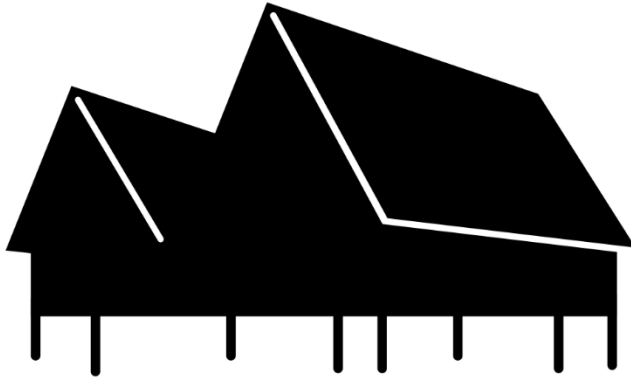
Allee Mitte

**Scenario 1**

Scenario 2







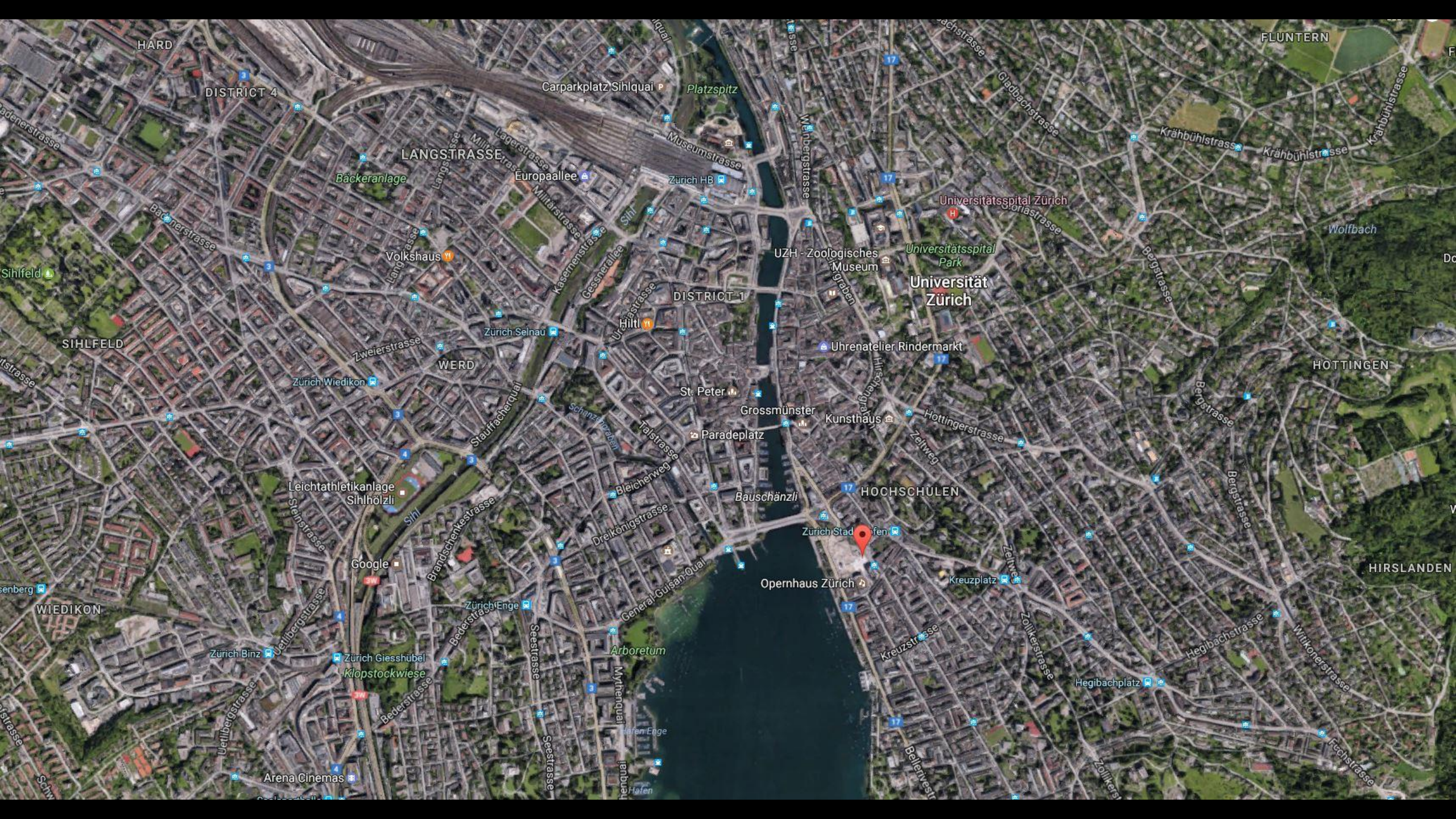
Zurich 3173 BC

A 360°-tour through Swiss prehistoric lake side settlement



**Stadt Zürich**





HARD

DISTRICT 4

LANGSTRASSE

Carparkplatz Sihlquai

Platzspitz

FLUNTERN

Bäckeranlage

Europaallee

Museumstrasse

Universitätsspital Zürich

Krähbühlstrasse

Krähbühlstrasse

Wolfbach

Volkshaus

Zürich HB

UZH - Zoologisches Museum

Universitätsspital Park

Universität Zürich

DISTRICT 1

Uhrenateller Rindermarkt

SIHLFELD

Zweierstrasse

Zürich Selnau

Hiltl

HOTTINGEN

WERD

Zürich Wiedikon

St. Peter

Grossmünster

Kunsthäus

Hottingerstrasse

HOTTINGEN

Leichtathletikanlage Sihlhölzli

Stauffacherquai

Schanzenstrasse

Talstrasse

Paradeplatz

Bauschänzli

HOCHSCHULEN

Zürich Stadthaus

HOTTINGEN

Google

Brandstenerstrasse

Dreikönigstrasse

General-Guisan-Quai

Opernhaus Zürich

Kreuzplatz

HIRSLANDEN

WIEDIKON

Zürich Binz

Zürich Giesshübel Klopstockwiese

Zürich Enge

Arboretum

Opernhaus Zürich

Kreuzplatz

HIRSLANDEN

Zürich Binz

Zürich Giesshübel Klopstockwiese

Zürich Enge

Arboretum

Opernhaus Zürich

Kreuzplatz

HIRSLANDEN

Arena Cinemas

Seestrasse

Mythenquai

Hafen Enge

Opernhaus Zürich

Kreuzplatz

HIRSLANDEN

Arena Cinemas

Seestrasse

Mythenquai

Hafen Enge

Opernhaus Zürich

Kreuzplatz

HIRSLANDEN



**Stadt Zürich**  
Amt für Städtebau





**Stadt Zürich**  
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y o u t u b e :

' Z u r i c h 3 1 7 3 B C 3 6 0 ° '





services



*CityEngine rule development*  
*urban planning & geodesign tools*  
*smart city models*



*contact*

```
> www.vrbn.io  
> info@vrbn.io  
> @vrbnio  
> @MattB3D
```



*thank you!*



GeoDev Meetup 3 2017

Q & A