



1st Southeast Europe Smart Society Conference

Ljubljana
20th December 2019

60,000

KM TRANSMISSION LINES

7,300

SUBSTATIONS

164

POWER PLANTS

400

STRUCTURAL PROJECTS

 **ENERGOINVEST**

ENERGOINVEST.COM

105

**countries
worldwide**

 **ENERGOINVEST**

ENERGOINVEST.COM

1966

REGION'S FIRST COMPUTING CENTER



REGION'S FIRST PERSONAL COMPUTER

2017

REGION'S FIRST SMART CITY COMPANY

Celebrating 67 years of innovation

 **ENERGOINVEST**
ENERGOINVEST.COM

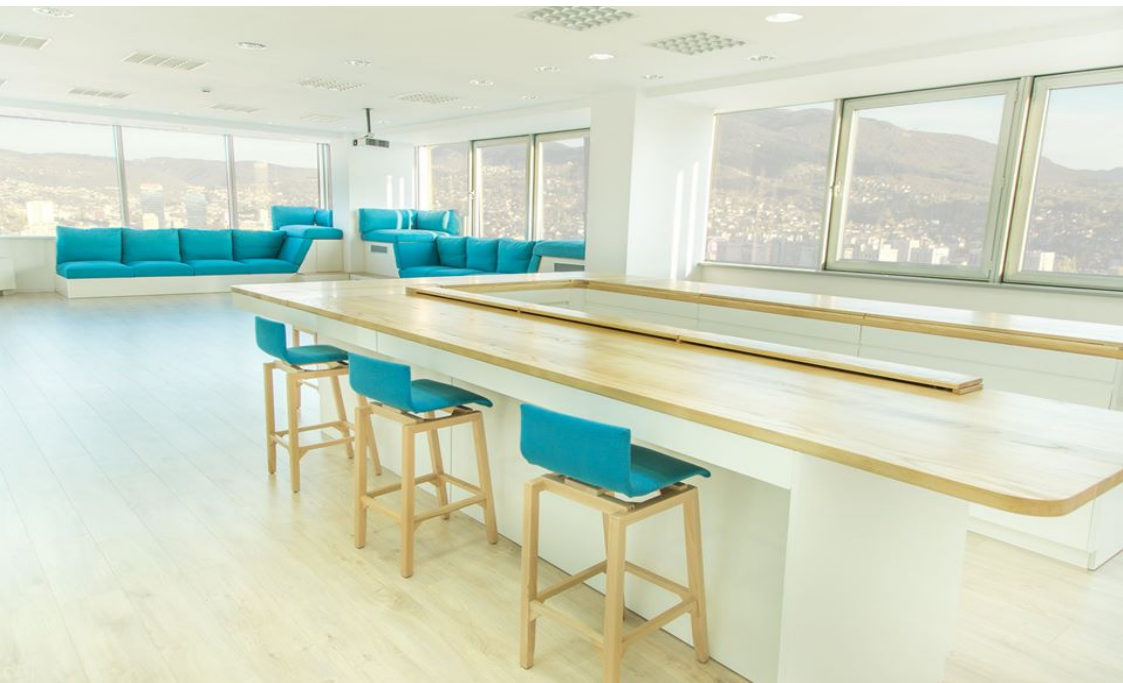
NEW BEGINNINGS



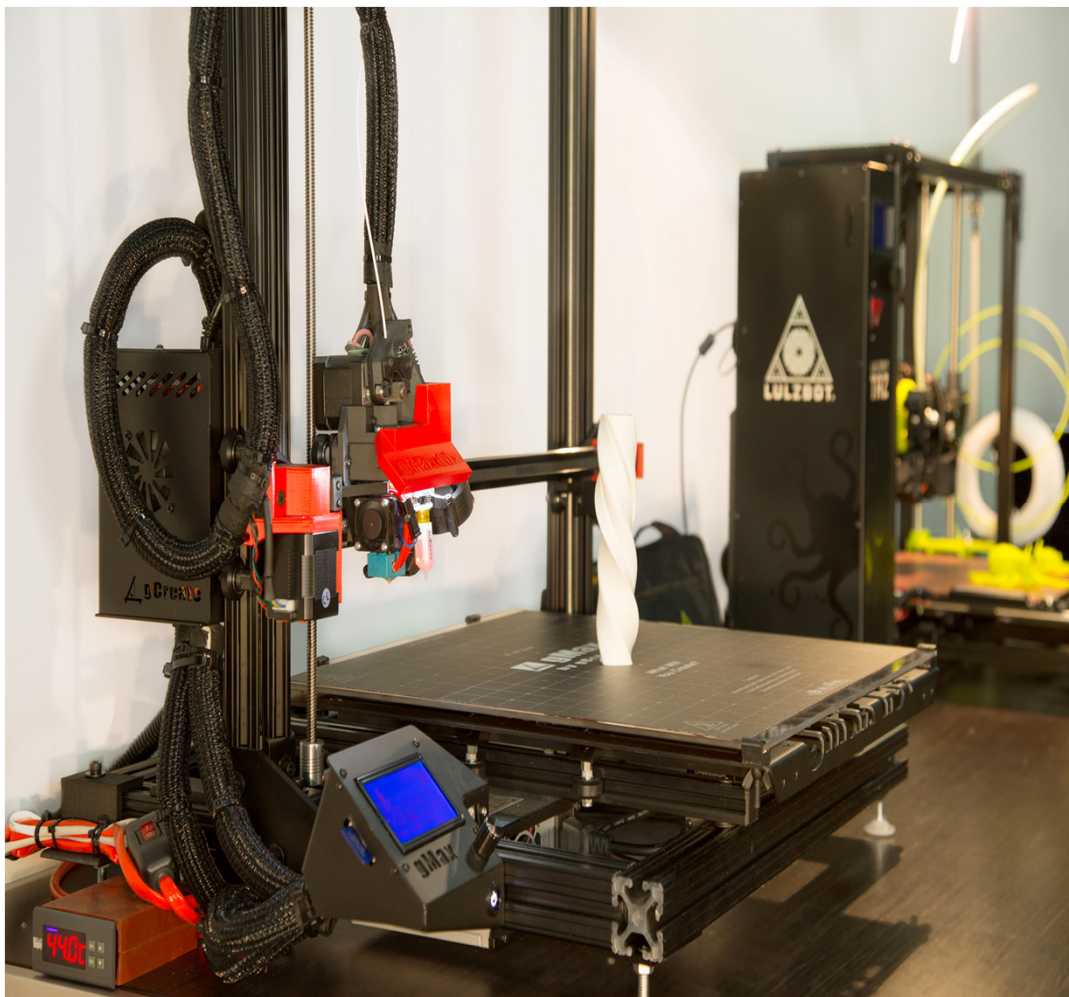


BLUM
R&D LABS

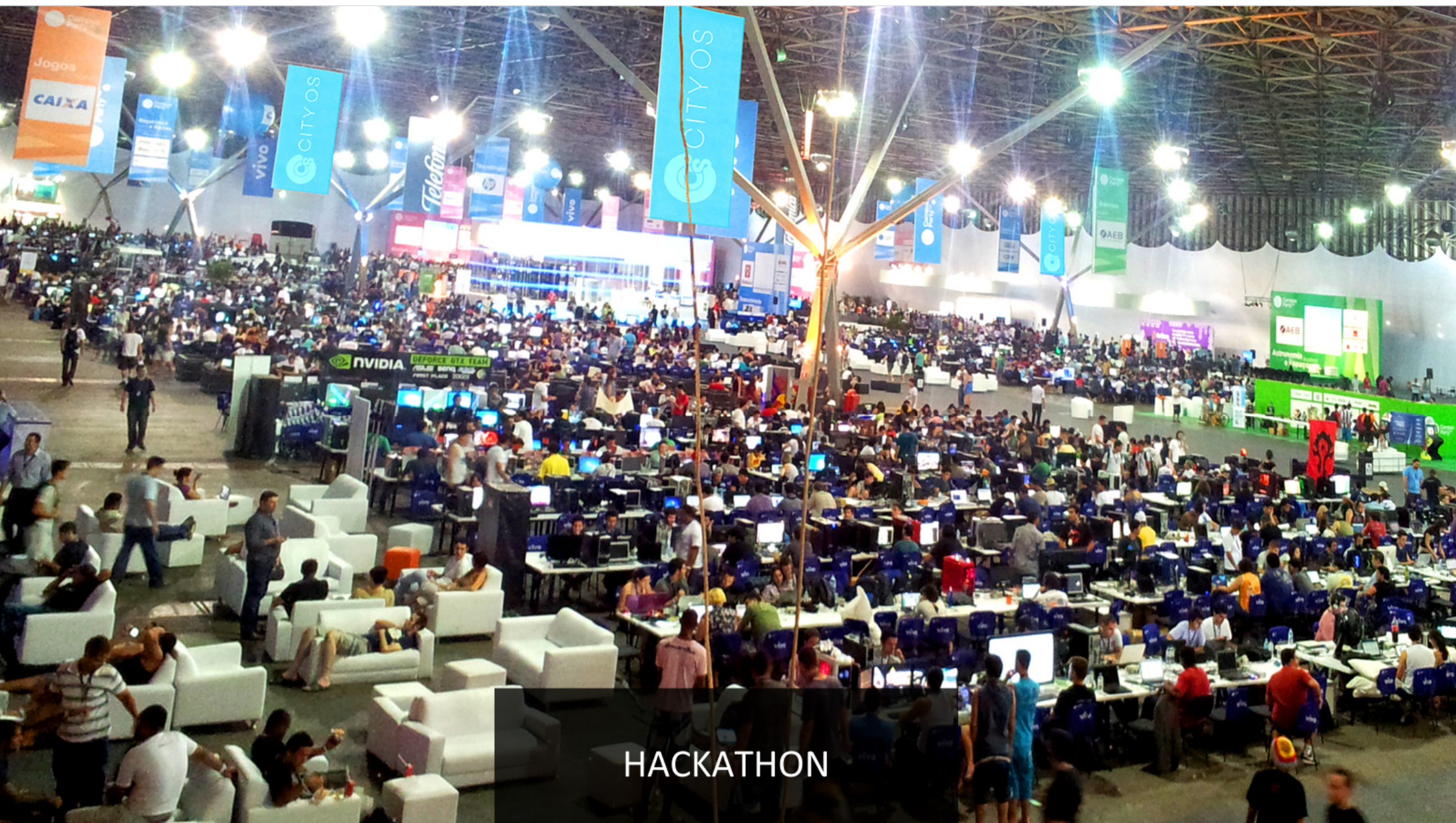
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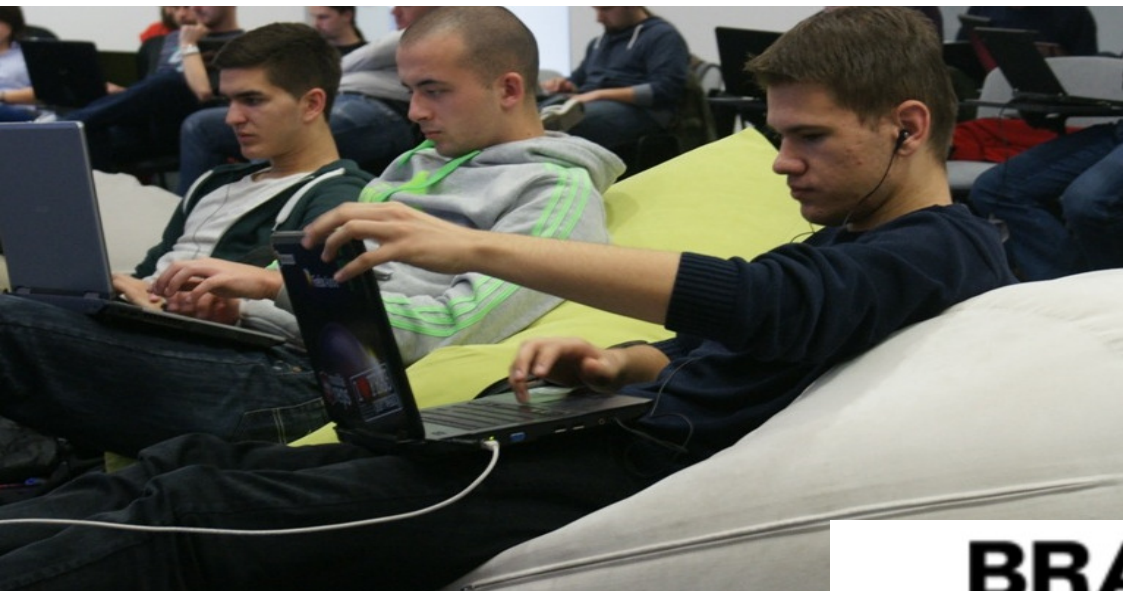








HACKATHON



**BRAVE
STARTUP**
☆ Ministry of Good Living ☆





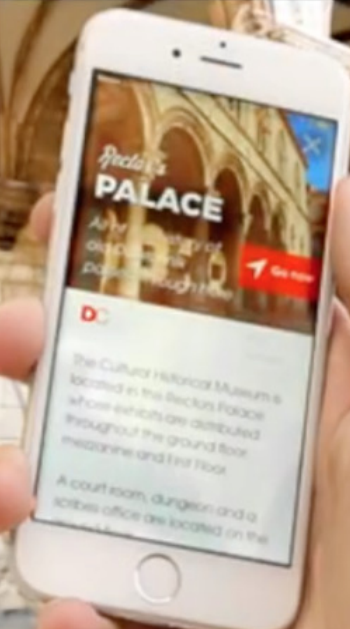
**SMART
PARKING**
DUBROVNIK



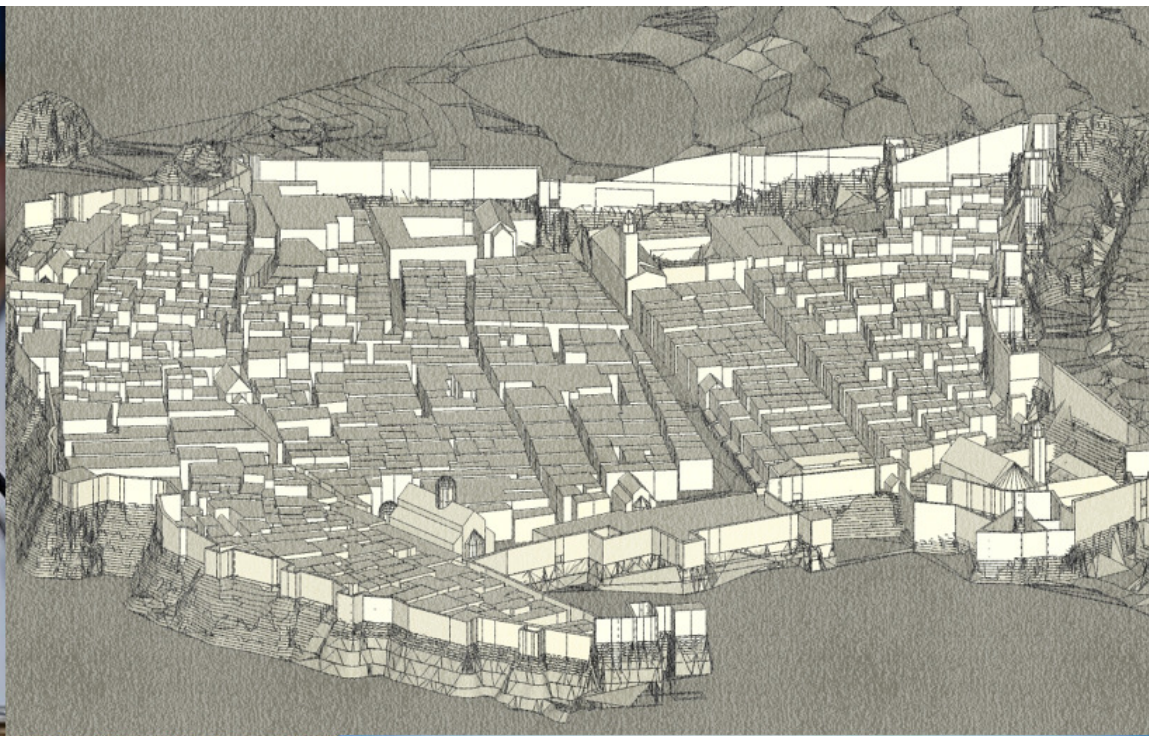
**SOLAR
BENCH**



DUBROVNIK
D PARK



**Dubrovnik
Card**







AEROPONICS



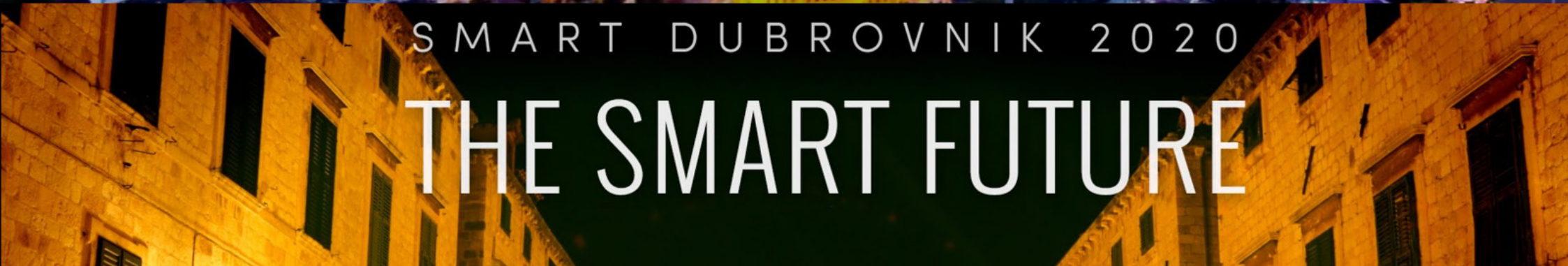
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SMART BEE HIVES



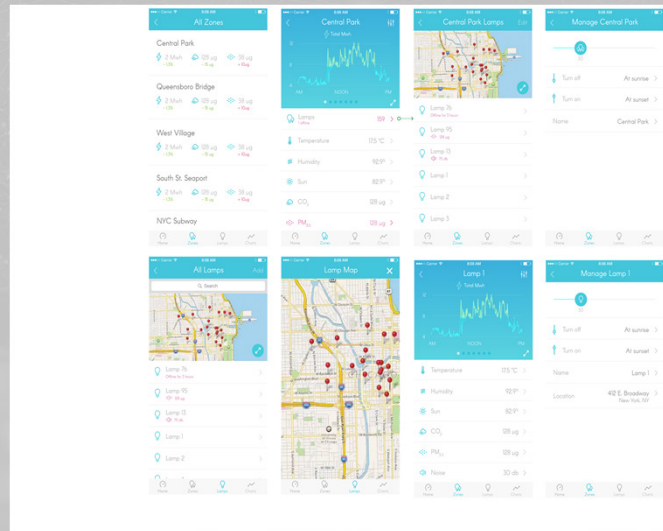
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Results



2500+ trained



60+ applications



23 companies

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LIST OF CITIES

Australia

Brisbane, Gold Coast, Ipswich, Logan and Moreton Bay Region

Austria

Graz, Linz, Salzburg and Vienna

Belgium

Antwerp, Brussels, Ghent and Leuven

Bosnia and Herzegovina

Mostar, Sarajevo and Tuzla

Brazil

Anapólis (Goiás), Colinas do Tocantins (Tocantins), Cuiába, Garanhuns, Nova Friburgo, Olinda (Recife), Parnamirim, Porto Alegre (Rio Grande do Sul), Recife, Rio das Ostras (Rio de Janeiro), Taquaritinga (São Paulo), Uberlândia and Vitória (Espírito Santo)

Croatia

Dubrovnik, Rijeka, Sibenik and Split

Denmark



A nighttime aerial photograph of Sarajevo, Bosnia and Herzegovina, showing a dense urban landscape illuminated by city lights. The lights are concentrated in the valley and spread across the hillsides, with some taller buildings standing out. The sky is a deep blue, indicating twilight or early night. The overall scene is a vibrant display of urban illumination.

SMART CITY **SARAJEVO**

2020

SMART LED LIGHTS

- 80% less energy
- 90% less maintenance
- Shielded light

SMART PARKING

- 43% time saved
- 30% less driving
- 30% less traffic

SMART GARBAGE

- 40% less pickup costs
- 50% faster collections
- Less emissions

TRAFFIC & PEOPLE COUNTER

- Vehicle count
- People count
- Security

ENVIRONMENTAL SENSORS

- Air Quality
- River Level
- Light & Noise

INTERACTIVE SCREENS

LIVING SMART CITY EXHIBIT

- City App
- Phone Charger
- WiFi

PUBLIC WIFI

- Promotes digital literacy
- Increased engagement
- Sensor network

INTERACTIVE SIGNS

- Local Events
- Alerts
- 360° Rotation

AUTOMATIC BOLLARD

- Car-free zone
- Reduced enforcement
- Increased safety

CLOUD PROCESSING

- Storage
- Automation
- Artificial Intelligence

CONTROL CENTERS

- Real time feeds
- Management
- Dashboard

MOBILE APPS

- City admins
- Maintenance crews
- Citizens



INTERACTIVE SIGNS



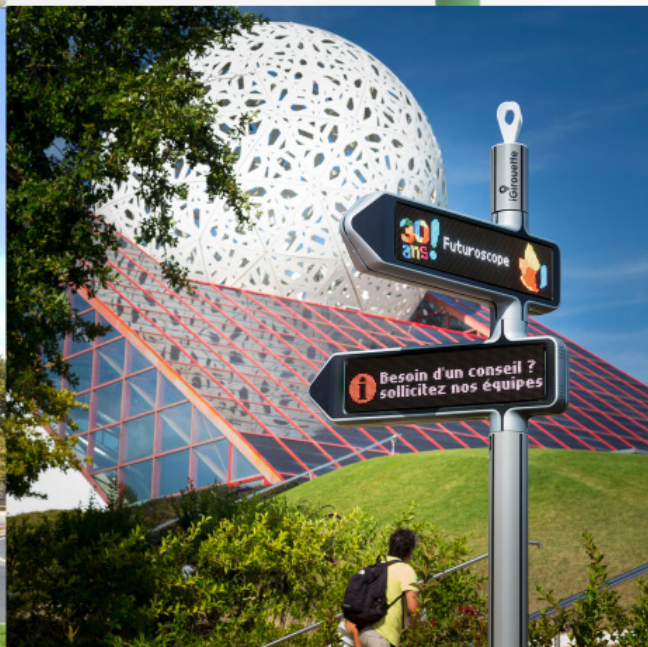
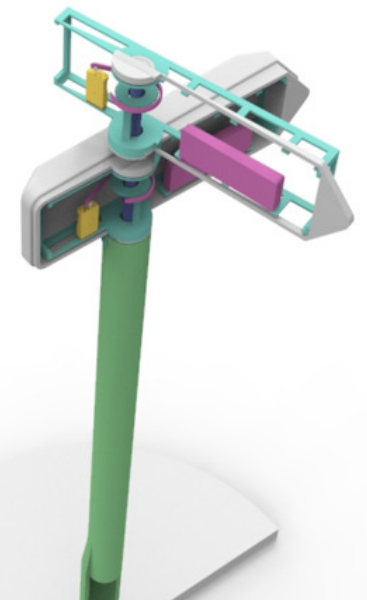
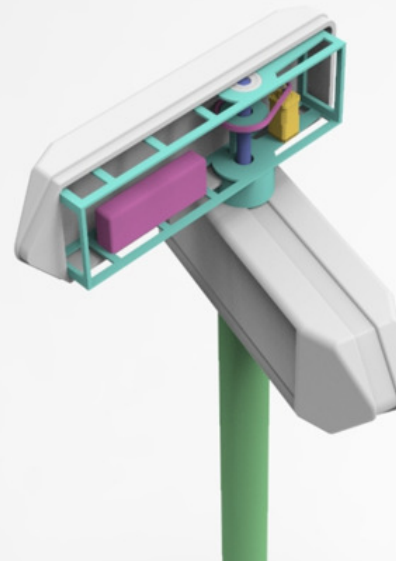
Local Events



Alerts



360° Rotation



Smart bin sensor by Blum R&D labs

- Eliminates waste overflows
- Reduces numbers of collection vehicles needed
- Decreases CO₂ footprint
- Easily attachable to all types of bins
- Requires no maintenance





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SARAJEVO CLEAN AIR

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CLEAN AIR SARAJEVO

AIR POLLUTION MONITORING SYSTEM



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Compare data

Display on chart



PM₁ ✓

PM_{2.5} ✓

PM₁₀ ✓

City Average PM₁

City Average PM_{2.5} ✓

City Average PM₁₀

Temperature ✓

Humidity ✓

Minute

Day

Week

Month

All

6:24 pm, Mar 10 2018

PM₁ 50 µg/m³

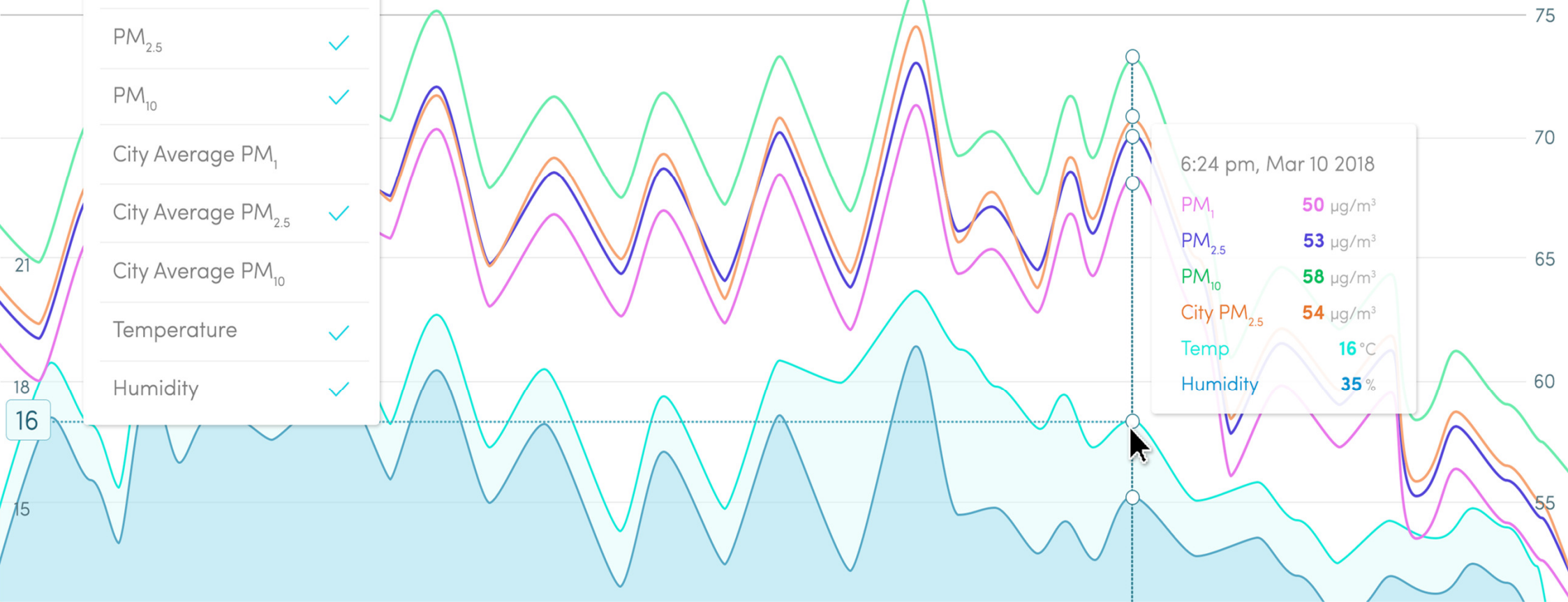
PM_{2.5} 53 µg/m³

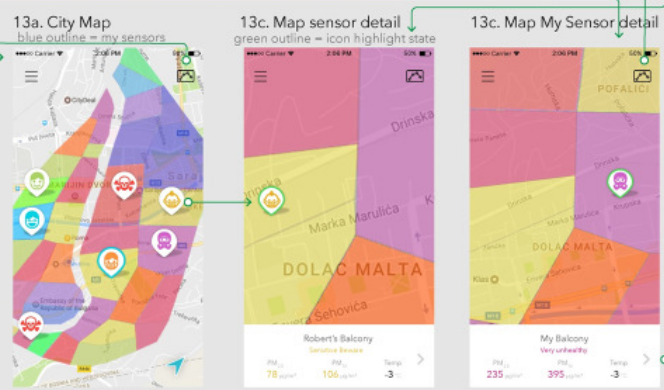
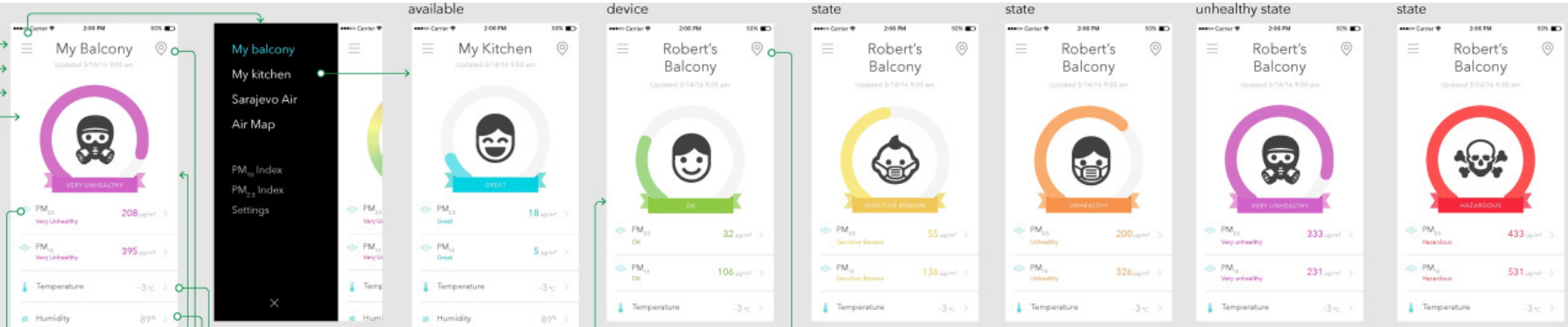
PM₁₀ 58 µg/m³

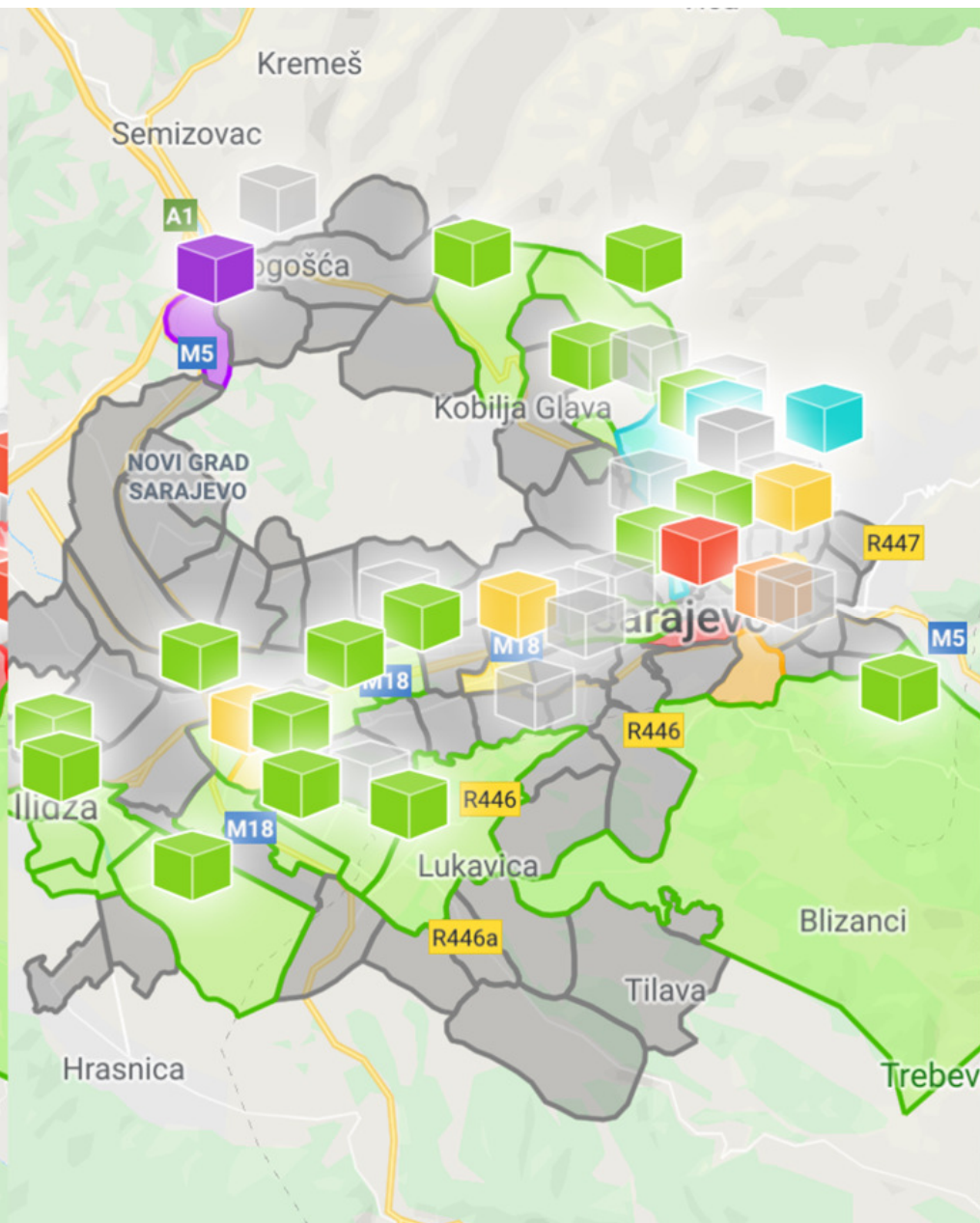
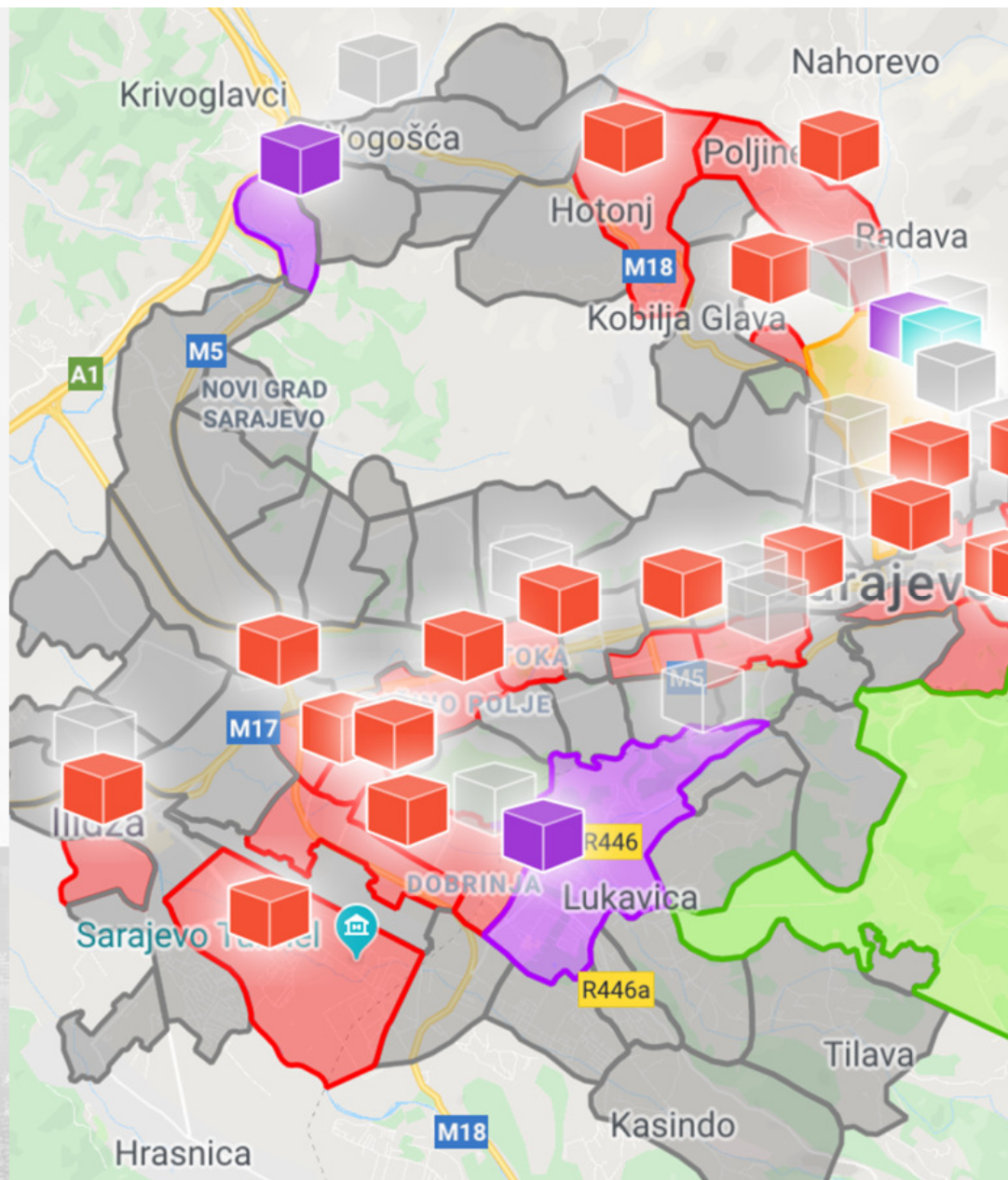
City PM_{2.5} 54 µg/m³

Temp 16 °C

Humidity 35%









**MADE IN SARAJEVO
BY YOUNG PEOPLE OF SARAJEVO
FOR ALL PEOPLE OF SARAJEVO**

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The background of the slide is a dark, aerial night view of a city, likely Ljubljana, with its lights visible. Overlaid on this is a complex network of glowing blue lines and dots, resembling a digital or smart city infrastructure map. The lines connect various points across the city, creating a web-like pattern.

Thanks for watching!

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