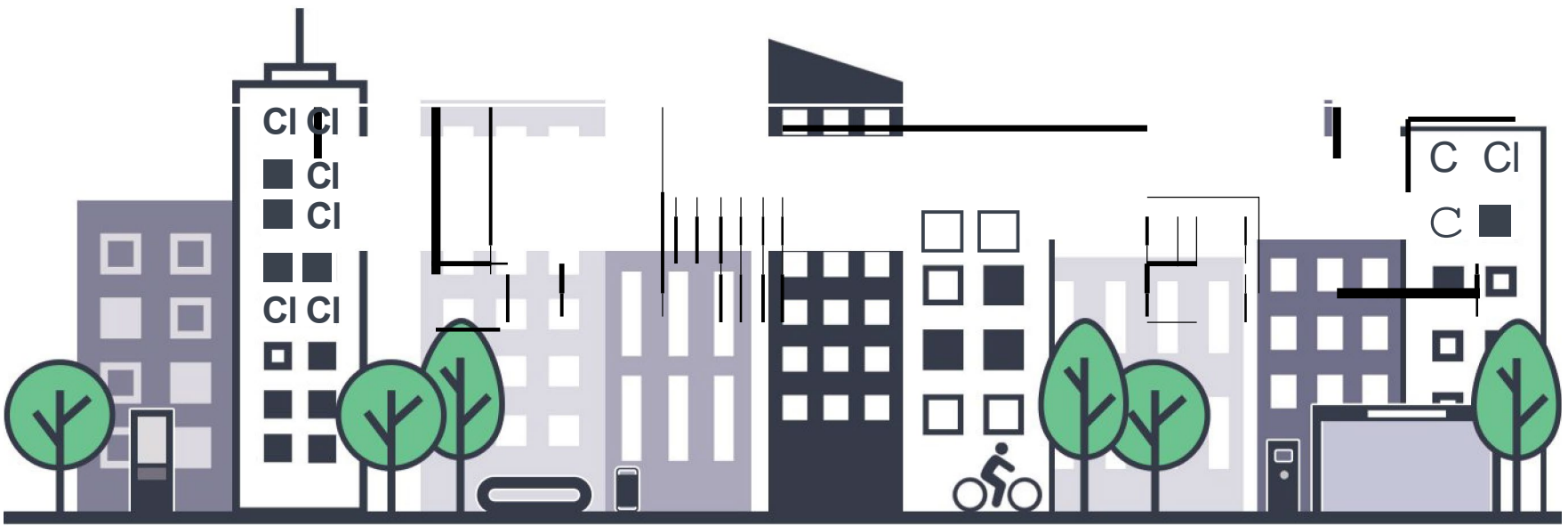
SEEDiA

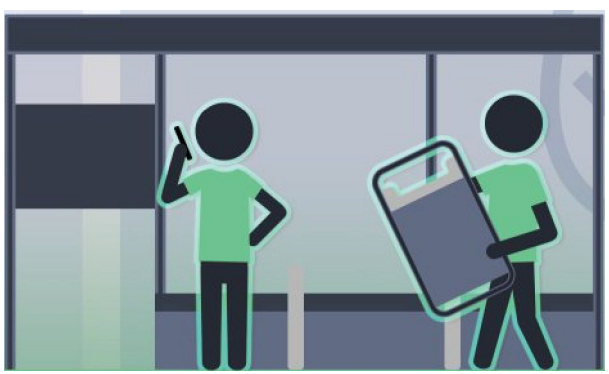
we build smart and safe cities

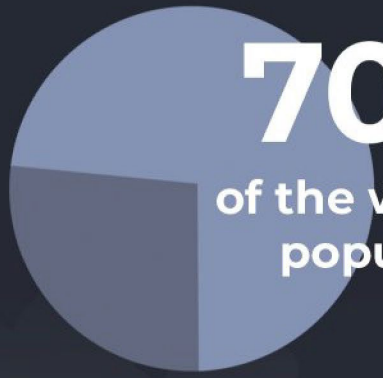


SEEDiA is a company from the Smart City area offering intelligent elements of urban infrastructure equipped with off-grid photovoltaic installations, such as: charging stations for electric scooters, solar bus shelters, intelligent litter bins, solar benches and solar kiosks.

SEEDiA products are already used by over 120 cities in 30 markets around the world. Our energy management system based on off-grid installations helps cities to make an ecological transformation while saving time and money on assembly works and changing small architecture to mobile and autonomous.

InCity.io - our platform for managing a smart city - allows you to remotely supervise devices and view the data collected by them in real time. Thanks to InCity.io it is possible, among others calculating CO_2 reduction or controlling multimedia functions or products.



70%

of the world's population

will live
in the cities
by 2050

according to United Nations

Unprofitable public transport

The lack of appropriate infrastructure and tailored timetables translates into less interest in public transport. Low attendance leads to the liquidation of connections, making your own car more competitive in relation to mass transport.

Poor air quality

Many cities are struggling with air pollution. Poor air quality has a negative impact on health. It is then advisable to limit outdoor activities. Especially vulnerable people include the sick, the elderly and children.

Lack on charging stations

Modern cities are having more and more electronic devices in public areas: electric bikes, scooters, cars, mobile phones, cargo - bikes, drones. To be ready to fullfill ecological transtormation, cities need to change public spaces.

SelaF benches

01

Futur

01

solar bench

Designed for the future. The design, based on simplicity and universal design, ensures intuitive use. It fits well in modern urban spaces and industrial interiors.

Colored LED side lighting plays a design role and can be color-matched to the space.

60 30 2D BO

R: 56 G: 62 8:66
Hex:#383e42
H4W4H
grey anthracite / mat

lffIld#WI
Champagne/ gloss

Git-y Glassie

solar bench

City is the simplest solar bench in the design line. It features a dynamic shape and a clean in form, intriguing design. The solar panel is located in the seat, making full use of solar energy, regardless of the direction of installation. The product will be perfect as a simple bench for parks or city squares.

60 30 2D BO

R: 56 G:62 8:66
Hex: #383e42
li?i1!11•11
grey anthracite / mat

R:241 G:240 B:234
Hex: #f110ea
100 •11
traffic while / mat

Git-y Bike

01

solar bench

Equipped with bicycle racks, it will prove useful both in parks and near busy bicycle routes. The shape of the stand is in line with the City series design.

60 30 2D BO

R: 56 G: 62 8:66
Hex: #383e42
grey anthracite / mat

R: 241 G: 2Li0 B: 234
Hex: #f110ea
traffic while / mat

Git-y

01

solar bench

SEEDiA City's flagship solar bench, apart from its unique urban design, is characterised by its modular construction, thanks to which we can create up to 3 configurations of an intelligent bench from basic elements: a simple one without a backrest, a classic one with a backrest or a bench with integrated bicycle racks. Its functionality is highlighted by LED lighting.

60 30 2D BO

R: 56 G: **62** **8:66**
Hex:#383e42
grey anthracite / mat

R:241 G: 240 8:234
Hex: #f1f0ea
traffic white / mat

New Urban 01

solar bench

The latest installment in the popular Urban series. This year's model was designed from the ground up. Thanks to its modular design it becomes an even more effective tool in solving urban problems. The seat has been equipped with wooden elements for an even better user experience.

60 30 20 80

R: 56 G: 62 B66
Hex: #383e42

grey anthracite / mat

New Ufban B-asic

01

solar bench

This year's entry-level model of the Urban series. As in the case of New Urban, the structure of the bench is modular and the seat and backrest are equipped with wooden elements. The distinguishing feature of the BASIC version are open sides.

60 30 20 80

R: 56 G: 62 B:66

Hex:#383e42

Hhi•tntl

grey anthracite/ mat

Functionality

	modular construction	USB socket	inductive charger	LED lighting	speaker	branding (advertising)	WiFi hotspot	smog sensor	temperature sensor	battery	remote management	cooling	advertisement in mobile application
Future	○	x 4	x 2	RGB	✓	✓	✓	✓	✓	44 Ah	✓	✓	✓
City Classic	✓	x 2	✓	✓	✓	✓	✓	✓	✓	32 Ah	✓	○	✓
City Bike	✓	x 2	✓	✓	✓	✓	✓	✓	✓	32 Ah	✓	○	✓
City	✓	x 2	✓	✓	✓	✓	✓	✓	✓	32 Ah	✓	✓	✓
New Urban	✓	x 2	✓	✓	✓	✓	✓	✓	✓	44 Ah	✓	✓	✓
New Urban Basic	✓	x 2	✓	✓	✓	○	✓	✓	✓	44 Ah	✓	✓	✓

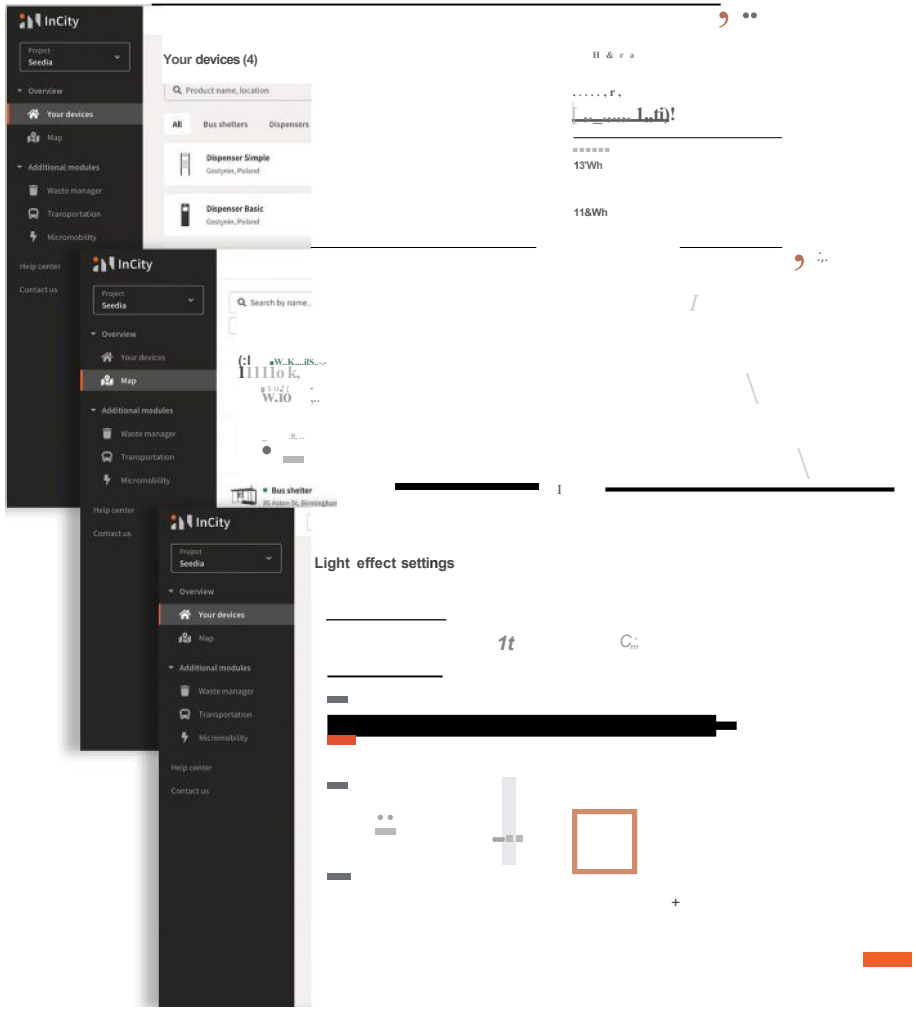
InGity

basic module

We have developed a modern and fully flexible platform for managing smart cities, introduce a completely new look and feel to the client panel, which is now easier to navigate, clearer and more intuitive.

One tool allows you to manage all your products. Thanks to open API it is also possible to integrate the platform with external products of other producers.

New energy charts - periodic summary of energy circulation data and graphical representation of the number of users.



Case study

4 solar autonomous bus shelters:

- 5-7k $ savings on installation
- $1,300 - $1,800 energy savings / year - solar energy
- $1,100 - $1,300 savings on operation / year - remote management
- energy autonomy

Gdynia

Public Transportation

03

Solar shelte

03

smart bus shelters with remote management

Energy-independent urban devices providing residents with information and multimedia functions, while protecting them against external weather factors. Thanks to a special controller for energy management and communication with the cloud, the carport is able to work in the field all year round, regardless of the amount of sun reaching it. Integrated chargers for mobile devices, intelligent LED lighting, speakers, e-paper displays and intelligent hot-spots enable communication with passengers in real time and improve the efficiency of municipal services.

60 30 20 80

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Hex:#383e42

gray anthracite/ mat

Selaf po1

03

with passenger information

Due to the fact that it is not possible to replace the existing urban infrastructure, such as bus shelters, everywhere, we have designed a solar pole with an E-paper display. The product works with the InCity.io platform, which enables remote management and changing timetables both in the shelters and on solar posts.

60 30 20 80

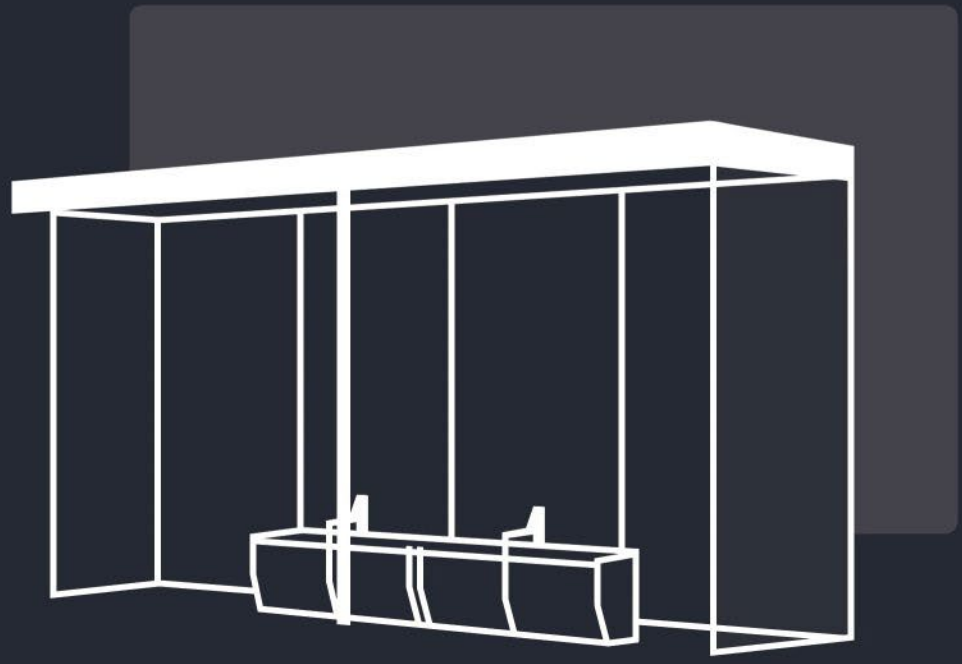
R: 56 G:62 B:66

Hex:#383e42

gray anthracite/ mat

Functionality

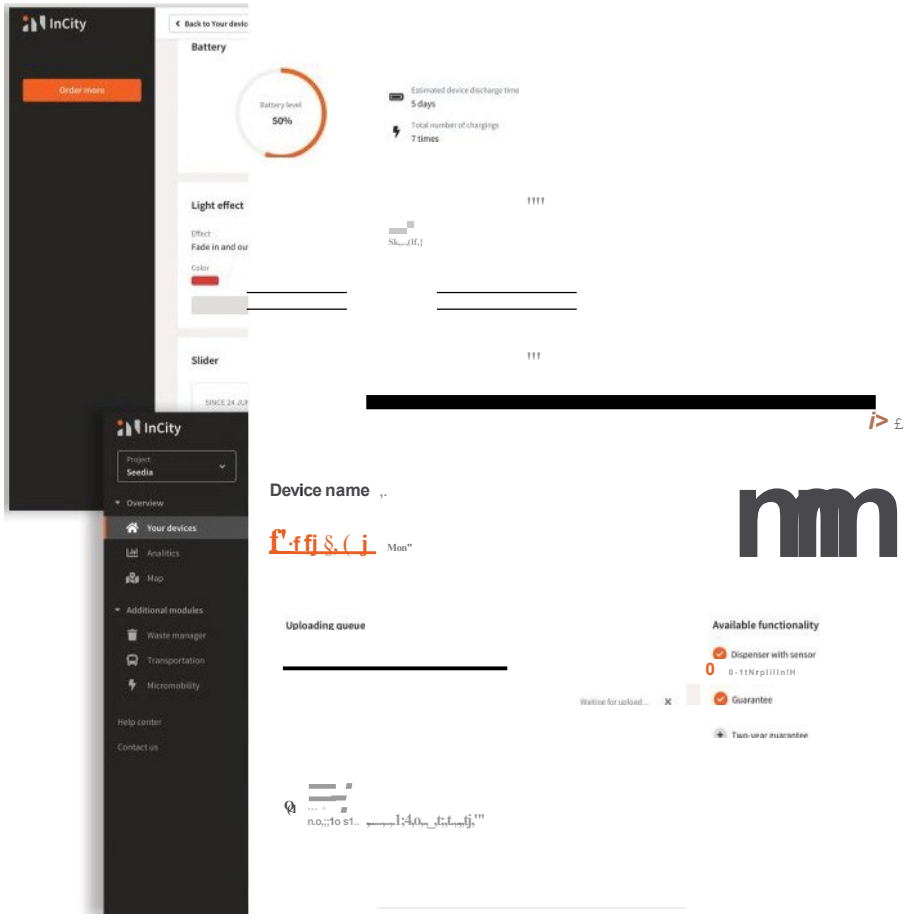
- modular construction
- USB charger
- inductive charger
- RGB LED lighting
- speaker
- 31.2" E-paper display
- branding (advertising)
- WiFi hotspot
- smog sensor
- dusk sensor
- advertisement in mobile application
- remote management



InGity

Public Transportation module

- creating communication tunnels for stops
- creating timetables for updating timetables
- automation of mass uploading of timetables
- analysis of the number of passengers per day



Case study

- promotion of the ecological image of the city
- statistic data
- energetically autonomous devices
- cost reduction for vehicle operators

Cracow

Gharging station

electromobility

jCharge-

electromobility charging stations

The charging station for scooters and electric bikes is a fully modular and autonomous product, designed for the development of micro-electromobility in cities. Operation without external power supply is possible thanks to efficient solar panels. By default, the station consists of 4 charging stations in the form of 2 low and 2 high posts. Each mast is equipped with a universal vertical slot that alternatively also allows the bicycle to be docked. The stands have two-sided grips that stabilize the scooter handlebar.

60 30 20 80

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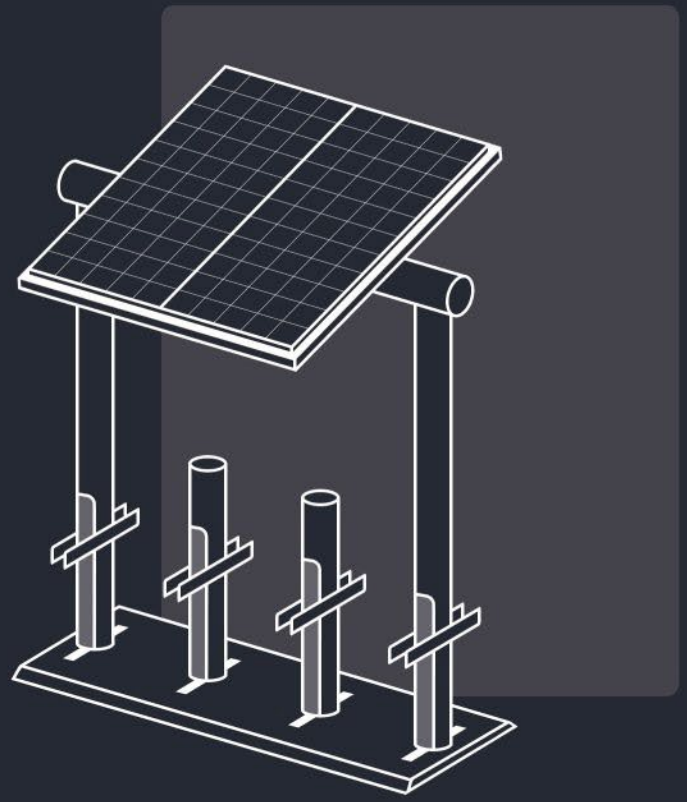
gray anthracite/ mat

Functionality

- modular construction
- versatility
  - possibility of charging various scooters and electric bikes
- autonomous operability
- remote management

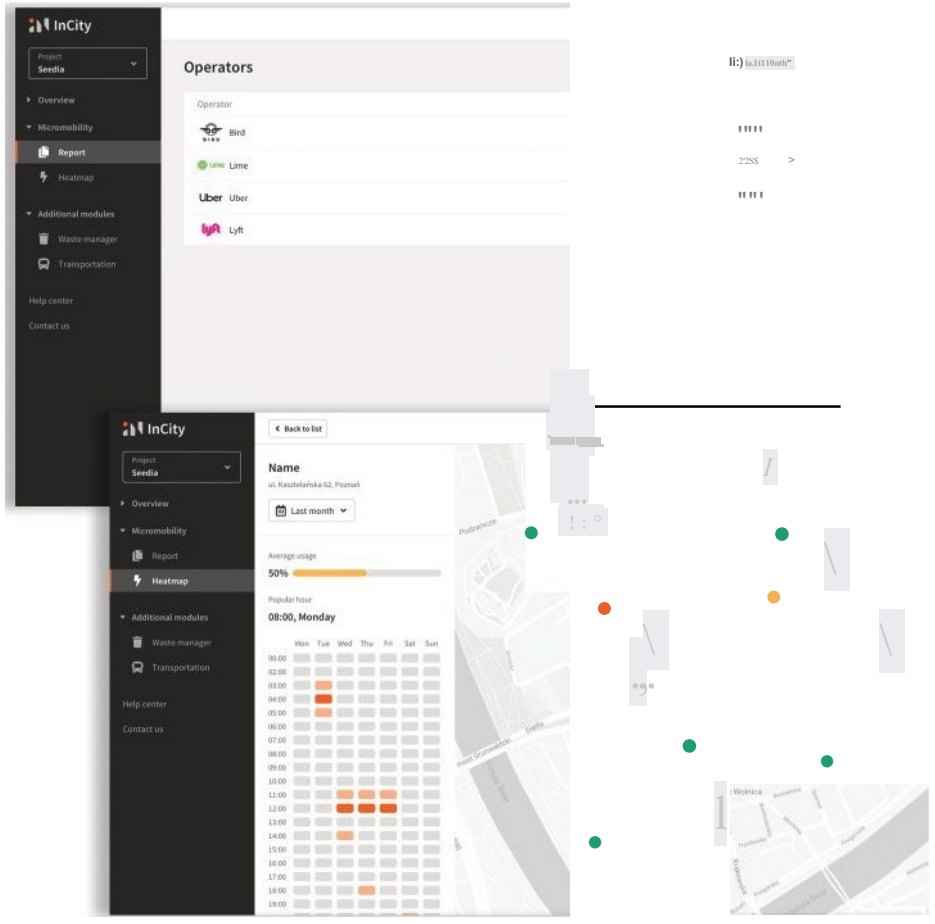


InGity

Electromobility module

- adding municipal electromobility operators

  automatic generation of invoices per operator / per station
- heat map of station use
- color management of LED lighting
- analysis of the daily use of the station
- economic analysis of the station



Transport 4.0

with SEEDiA products

Transport 4.0 means a new - better quality of getting around cities. It is easier access to sustainable mobility and the introduction of automation elements to the public transport infrastructure.

The combination of a solar powered shelter with a charging station for electric scooters makes it easier to overcome the so-called last mile - the road section to the public transport stop and from the stop to the final destination.

remote system management

automation of timetable management

solar power

support for green mobility in cities

increasing the comfort of movement

Qf-f g-ri

photovoltaic installations

high deployment mobility

short installation time

zero emlss1ons

energy independence

autonomous operability

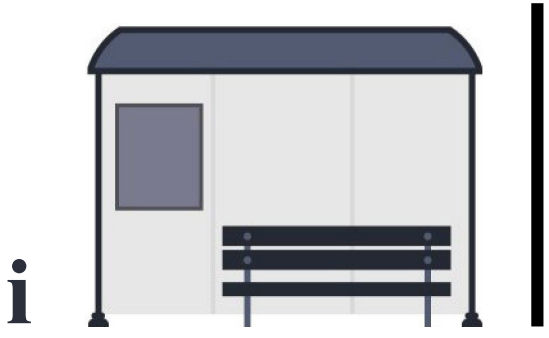
high cost of installation

cable connections

difficulties in making larger installations

long waiting times for the necessary permits

SEEDiA products



basic city furniture

Gut meFs-

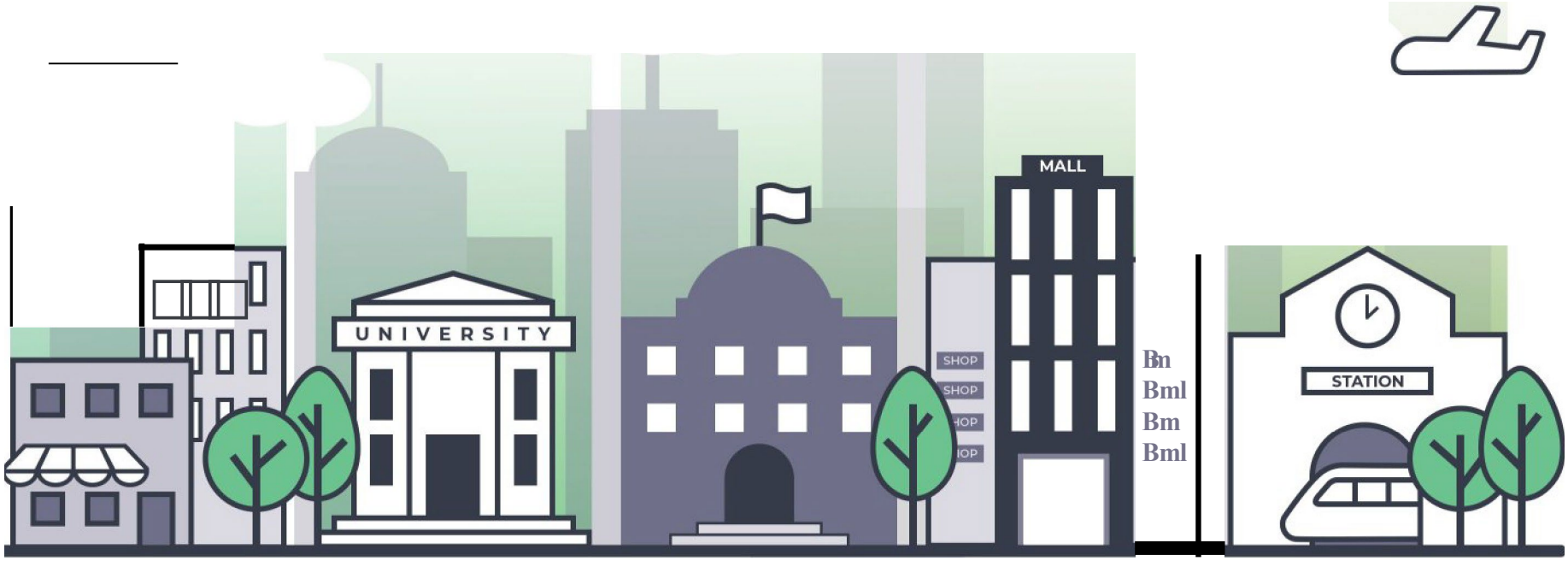
service premises

universities

municipalities and cities

shopping centers

stations and airports



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