
SEEDiA™
JCHARGE
Park. Charge. From Sun

01

SEEDiA GO

SEEDiA GO is a micro-electromobility management system for corporate clients and property managers.

- **smart parking stations** with chargers for private and business e-vehicles
- **a fleet of shared e-vehicles** for employees
- **mobile app** for managing the entire process

02

charging station

This charging station for **electric scooters and bicycles** is a fully modular and configurable product. It is meant to support the evolution of **micro-electromobility** in the cities.

The station consists of a central module, pole-shaped charging stands, and optional solar panels.

60 30 20 80

R: 56 G: 62 B:66
Hex: #383e42
RAL 7016
anthracite grey / matte finish

03

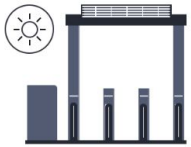
features

- **modular design:**
  central + charging modules
  (off-grid or on-grid)
- **versatility:**
  the ability to charge various types
  of electric scooters and bikes
  (both operators and individual users)
- **autonomous operation**
  powered by solar panels
  in the off-grid variant
- **InCity.io platform**
  remote management,
  ESG reports
- **authorization:**
  RFID,
  mobile app,
  QR codes
- **ParkCash integration:**
  parking space reservation,
  benefits for employees

power supply

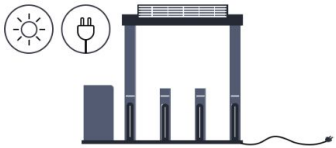
charging station

jCHARGE
Park. Charge. From Sun



off-grid

on-grid



hybrid

05

types of stands

for scooters

single stand

DC 1X

double-sided stand

DC 2X

single stand with e-lock

DC 1X

double-sided stand with e-lock

DC 2X

05

types of stands

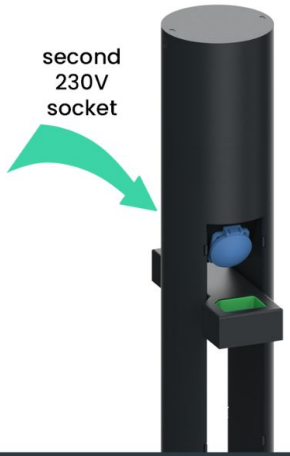
for bicycles

single stand

1X 230V

double-sided stand

2X 230V

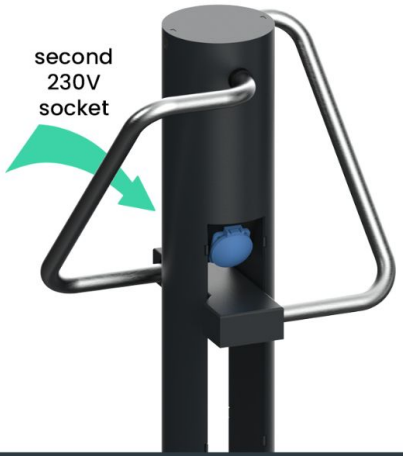


single stand with e-lock

1X 230V

double-sided stand with e-lock

2X 230V



Users can secure their vehicle with their own chain or U-lock.

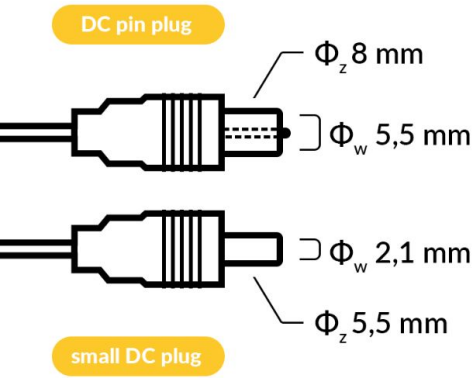
06

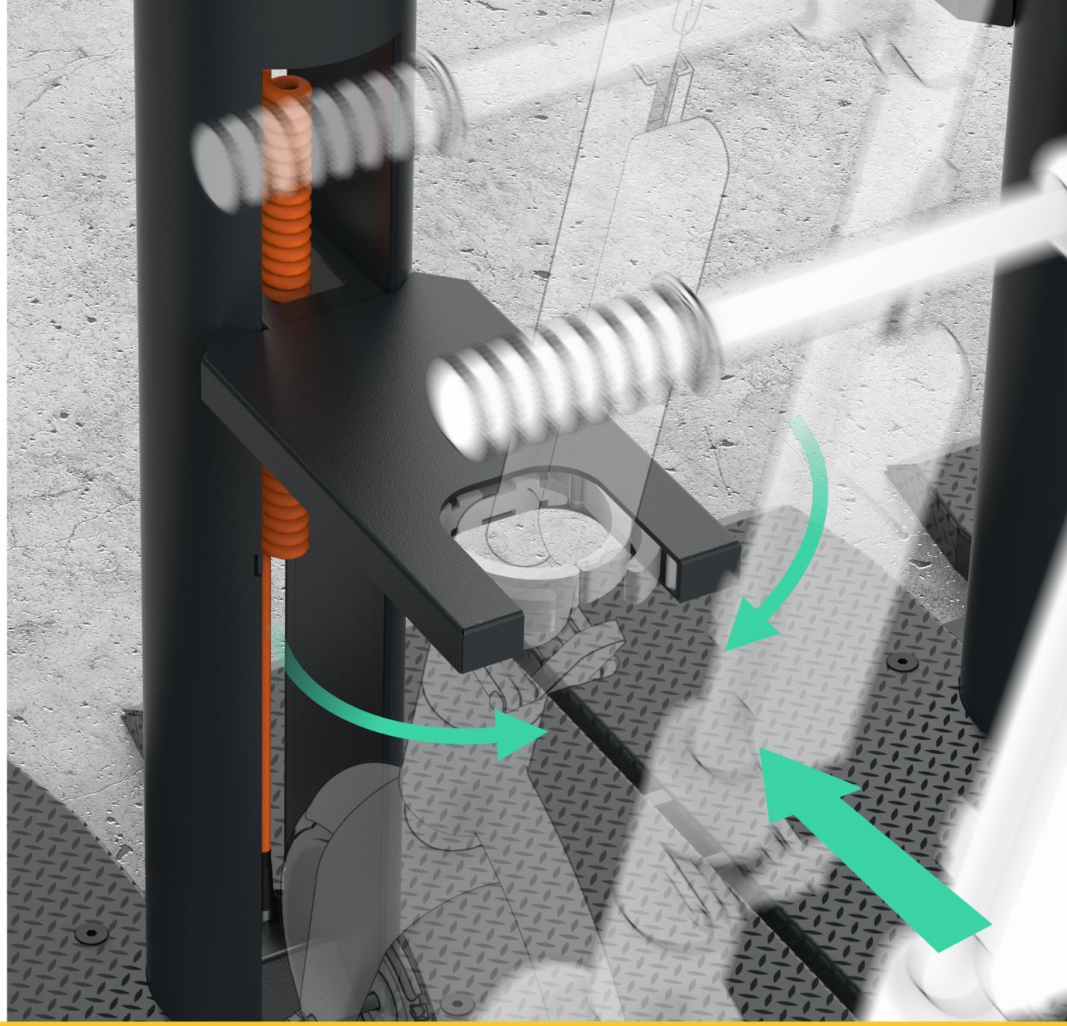
scooter

docking

The holder with an electric lock and latching mechanism has been designed to ensure safe and secure docking of the vehicle. After pushing the scooter's handlebar into the holder, the "jaws" of the mechanism close.

There are 2 different standards of charging cables used in the poles.



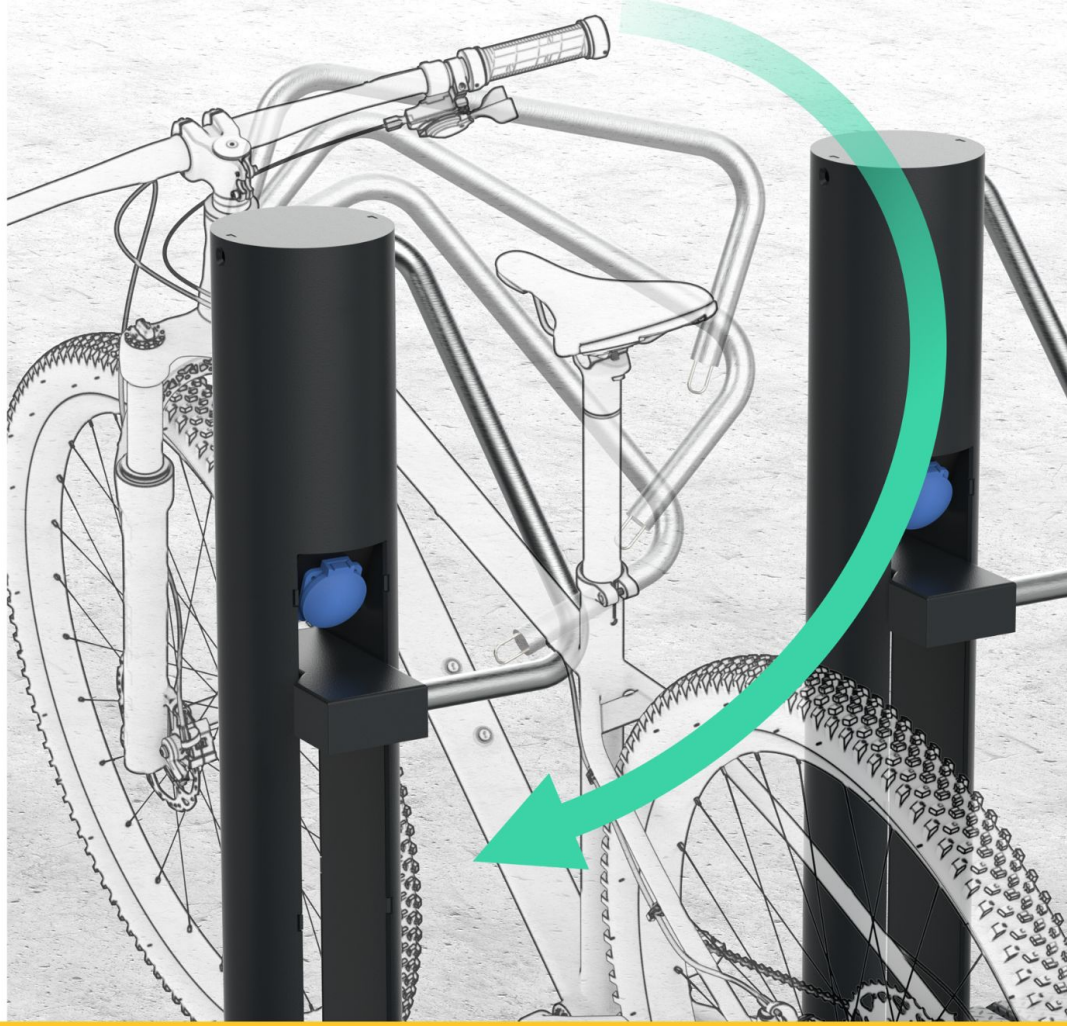


06

bicycle

docking

A bicycle post with an e-lock provides safe and intuitive docking of the vehicle. It is equipped with a tilting arm which users can use to secure the bike's frame or fork. Charging relies on a 230V socket into which users plug their own chargers.



07

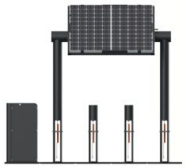
scooter charging station

configurations

station with single-sided posts

on-grid
max **12** outputs
max **12** stands
1X

on-grid
max **12** outputs
max **12** stands
1X



station with solar panels with single-sided posts

off-grid
max **12** outputs
max **12** stands
1X

off-grid
max **12** outputs
max **12** stands
1X

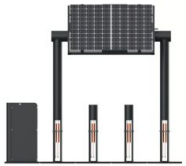
hybrid
max **8** outputs
max **8** stands
1X

hybrid
max **8** outputs
max **8** stands
1X

station with double-sided posts

on-grid
max **8** outputs
max **4** stands
2X

on-grid
max **8** outputs
max **4** stands
2X



station with solar panels with double-sided posts

off-grid hybrid
max **8** outputs
max **4** stands
2X

off-grid hybrid
max **8** outputs
max **4** stands
2X

The given quantities refer to the maximum number of stands for 1 central module. jCharge stations are provided only in multiples of 4 posts.

07

bicycle charging station

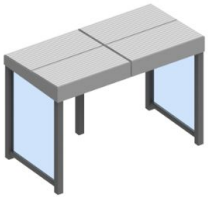
configurations

	station with single-sided posts	on-grid max **12** outputs max **12** stands 1X 230V	on-grid max **12** outputs max **12** stands 1X 230V
	station with solar panels with single-sided posts	off-grid hybrid max **4** outputs max **4** stands 1X 230V	off-grid hybrid max **4** outputs max **4** stands 1X 230V
	station with double-sided posts	on-grid max **8** outputs max **4** stands 2X 230V	on-grid max **8** outputs max **4** stands 2X 230V
	station with solar panels with double-sided posts	off-grid hybrid N/A	

The given quantities refer to the maximum number of stands for 1 central module. jCharge stations are provided only in multiples of 4 posts.

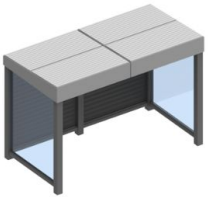
roofed charging stations

JCHARGE
Park. Charge. From Sun



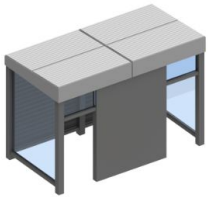
Basic
two-sided open shelter

on-grid off-grid hybrid



Secure
one-sided open shelter

on-grid off-grid hybrid



Prestige
enclosed shelter

on-grid off-grid hybrid

Our charging station for micro-electromobility vehicles is also available in a variant with a partially open canopy or container-shaped enclosed shelter. All versions can be also additionally equipped with solar panels.

09

Basic

two-sided open shelter

autonomous operation
optional power supply from solar energy

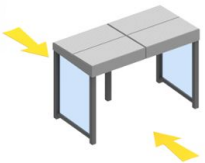
2-row layout
of solar panels

3- or 4-module design

charging station
for electric scooters or bikes

up to 8 double-sided stands

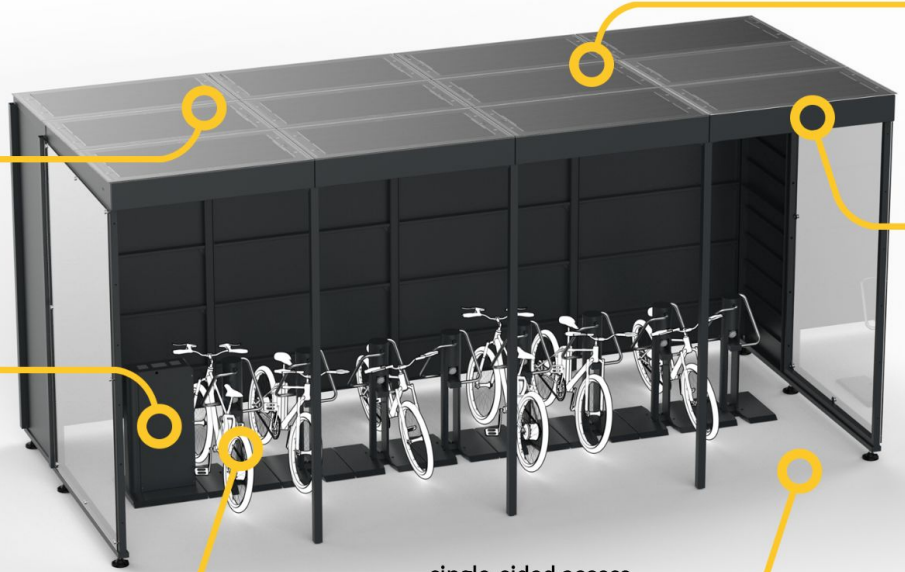
double-sided access
open front and back wall of the shelter



10

Secure

one-sided open shelter



autonomous operation
optional power supply from solar energy

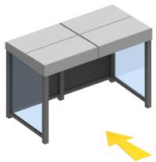
3-row layout
of solar panels

3- or 4-module design

charging station
for electric
scooters or bikes

single-sided access
open front of the shelter
+ built-up back wall

up to 8 double-sided stands



11

Prestige

enclosed shelter

autonomous operation
optional power supply from solar energy

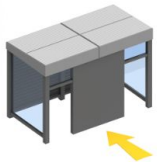
3-row layout
of solar panels

4-module design

charging station
for electric
scooters or bikes

optional sliding doors

up to 8 double-sided stands

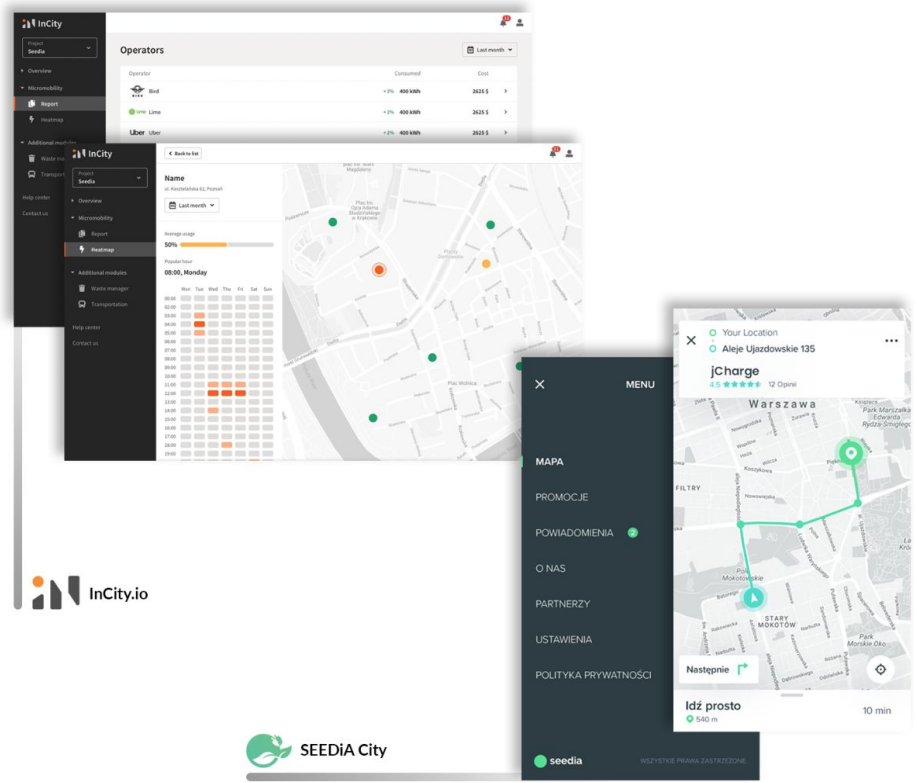


InCity.io platform

- municipal electromobility operators adding
- automatic billing (per operator / per station)
- heat map of the station usage
- analysis of the station's daily use
- economic analysis of the station
- ESG reports for administrators
- user database management

SEEDiA City app

- fault reporting module
- gamification module – green points and rankings
- user authorization



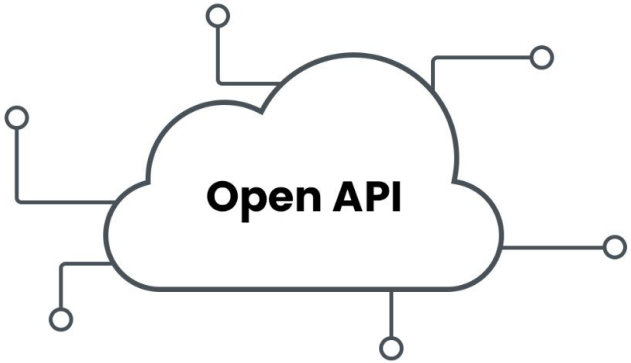
software

reservation module

e-bike parking space analysis module

payment module

API integrations with the operator



integrations with apps:

PARKCASH

skycash

under ongoing arrangements

...

more coming soon

13 use case

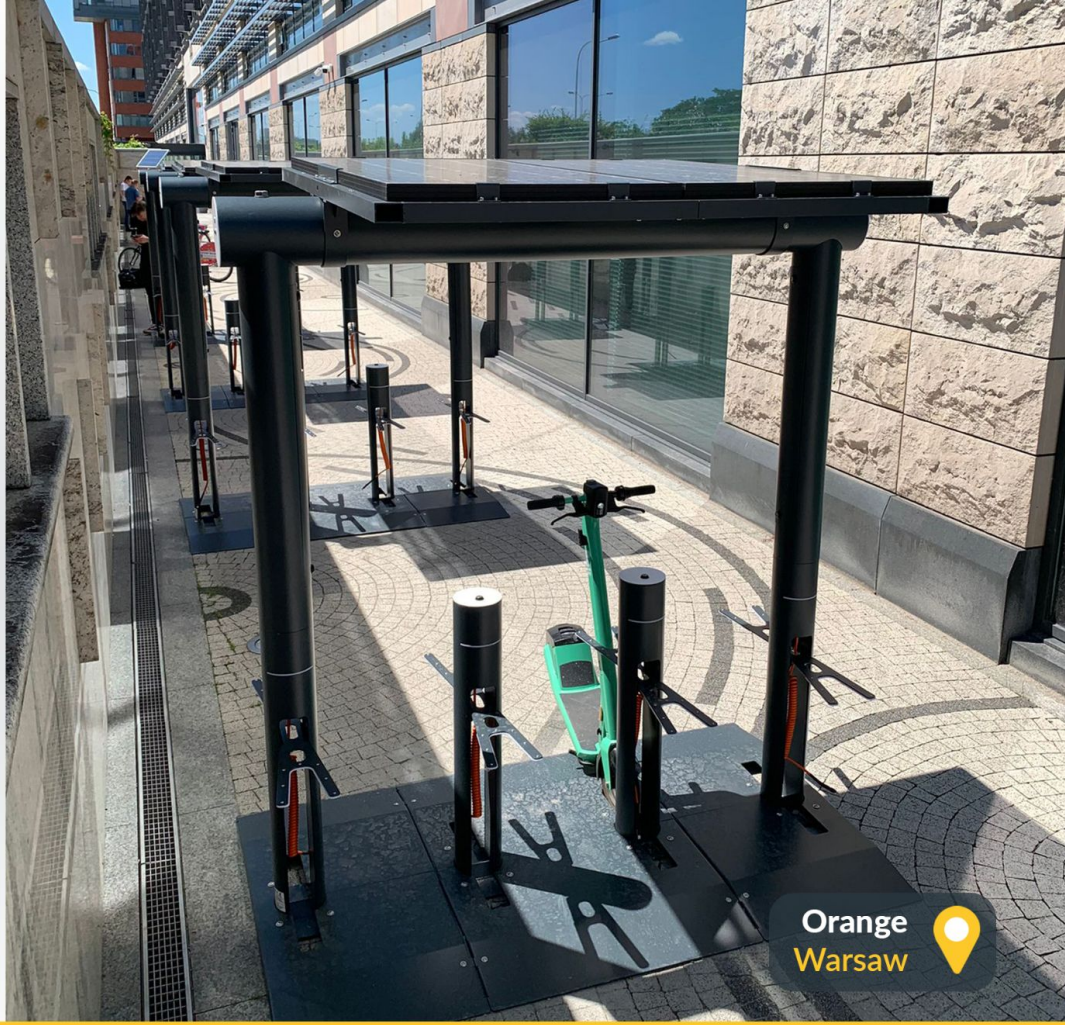
office building

issues:

- no parking space
- fire hazard
- mess in the office

added values:

- ✓ supporting ESG goals (ESG reports)
- ✓ reducing carbon footprint
- ✓ saving on traffic jams
- ✓ healthier company members
- ✓ additional employee benefit
- ✓ fleet with a dedicated branding



13

use case

municipality

issues:

- all-round chaos in scooters placing
- demand for cooperation with operators
- no last mile solutions

added values:

- ✓ no chaos in land use and urban planning
- ✓ ”scooter decarbonization”
- ✓ revenue from vehicles charging
- ✓ satisfied residents
- ✓ multimodal transport

13 use case

parking lot - shopping mall

issues:

- overloaded parking lots with fuel-powered vehicles
- no possibility of safe parking and charging of private e-bikes and e-scooters
- high carbon dioxide emissions

added values:

- ✓ improving the mobility of mall tenants and customers
- ✓ an encouragement for the use of alternatives to cars
- ✓ reduction of the carbon footprint on trips to the shopping spot / workplace

13 **use case**

bank branch

issues:

- a new changed way of using the parking lot after the introduction of the hybrid work model
- no possibility of safe parking and charging of private e-bikes and e-scooters
- long commute time

added values:

- ✓ optimization of parking space around the office building
- ✓ an incentive to give up the car on a daily basis
- ✓ integration with the ParkCash app
- ✓ benefit for employees

13 **use case**

production facility

issues:

- OSH - the danger of driving electric rideables around the halls
- no parking spaces with charging facilities
- lack of ecological solutions

added values:

- ✓ reduction of the plant's carbon footprint
- ✓ safe parking for employees
- ✓ diversification of way-to-work means
- ✓ an additional benefit for employees

13 **use case**

school / university

issues:

- local air pollution
- no charging points for electric bicycles and scooters
- heavy car traffic

added values:

- ✓ parking space arrangement near the school
- ✓ increased number of micro-mobility journeys
- ✓ air quality improvement
- ✓ station usage reports
- ✓ increased safety in the parking lot

transport 4.0

case study

- transport integration
- integration of municipal services
- growing attractiveness of urban transport
- external / internal investing
- last mile management
- mobility hub

15

manufacturing

and certification

Our solar-powered street furniture is designed and produced in Poland.

certificates

- 231152-EP patent
- IP54 declaration
- CE-compliant
- 008600456-0001 EUIPO trade mark

SEEDiA offices in

Cracow,
Kielce,
Warsaw,
Szczecin

hand assembled in

Bielsko-Biała

partners

corporate clients

orange

electromobility.ONE

InPost
out of the box

Nordea

KLEPIERRE

AstraZeneca

maxcom
joy of communication

ATRIUM BIAŁA
Z MYŚLĄ O TOBIE

CATERPILLAR

BOSCH

CBRE

local governments and communes

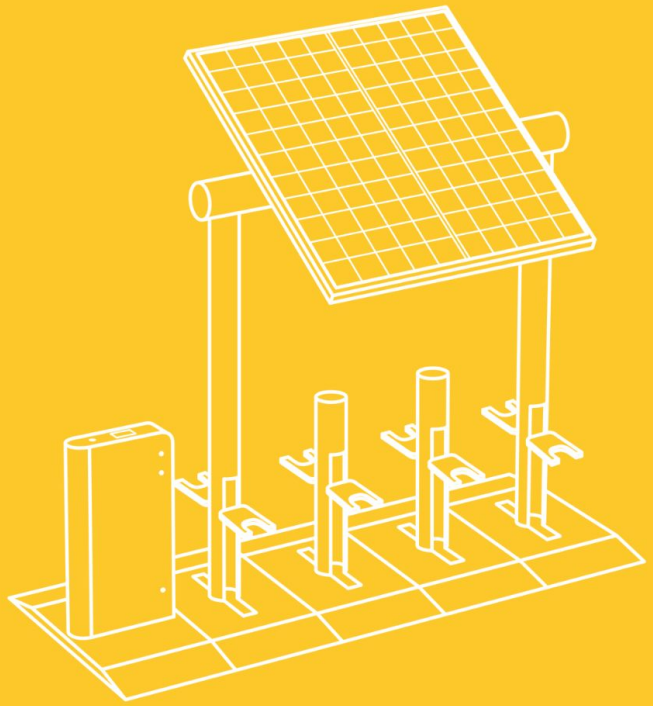
Rzeszów
stolica innowacji

Szczecin

Kalisz

Strzelce Opolskie

contact



Seedia Sp. z o.o.
ul. Bociana 22
31-231 Kraków

office@seedia.city

www.seedia.city