

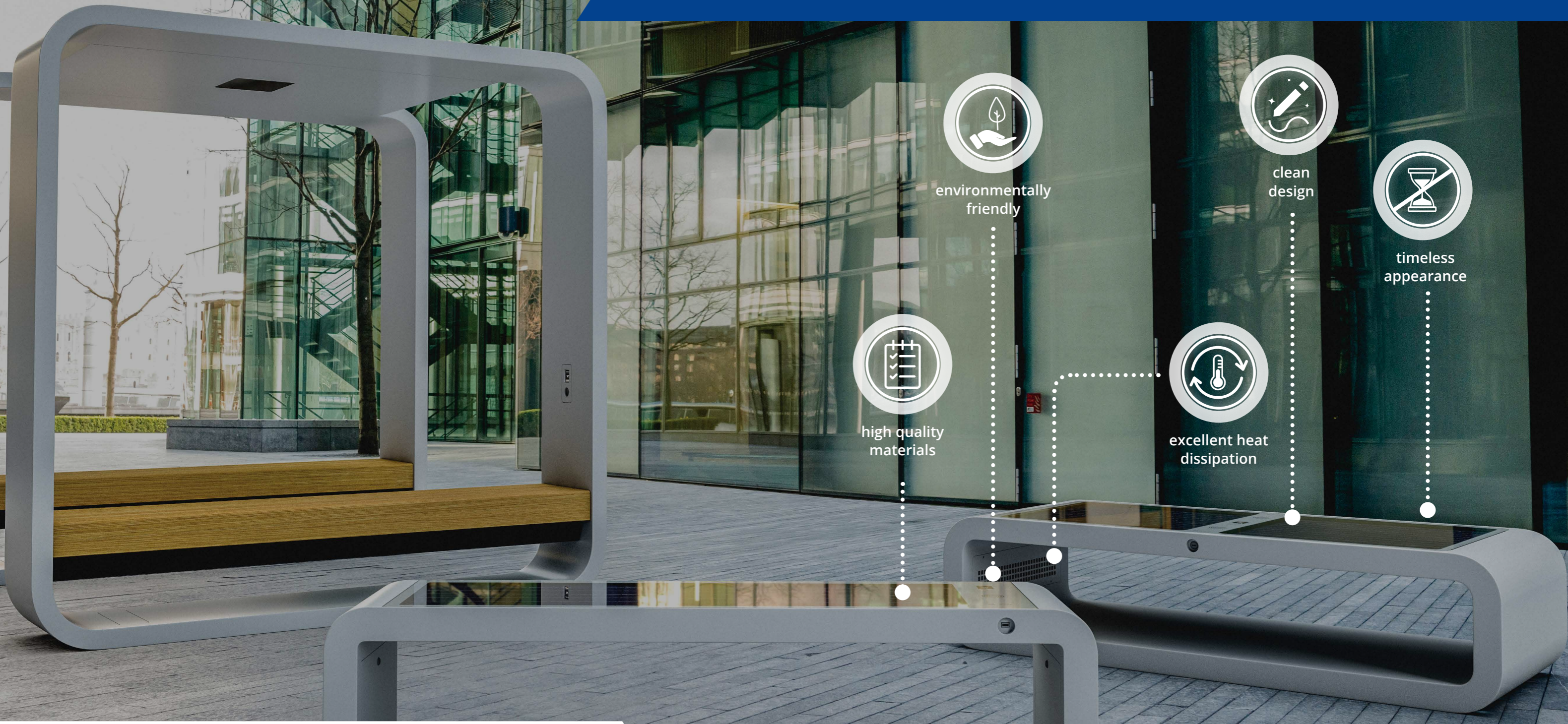
TUNGSRAM™

Innovation is our heritage
EST. 1896

TUNGSRAM **SMART BENCH**



Tungram's premium solar-powered smart benches bring a new look and feel to visitors. The Hungarian-made product is an international success story.



environmentally friendly



clean design



timeless appearance



high quality materials



excellent heat dissipation

All products are made of 100% aluminum to avoid rusting. Premium quality is also provided by the tempered glass cover. Thanks to this, the product is completely vandal-proof.

You can choose between three different sizes which makes easier to find the perfect model for any location.



The largest 8-seat **Plus** smart benches, in addition to the built-in phone charging features, have a real community organizing power due to their spectacular appearance and free Wi-Fi service, becoming the focal point of smart cities. Innovative investment for public infrastructure, great investment for communities.



The three-seater **Eco** is our smallest smart bench. We recommend it to anyone who wants a small, eco-friendly, smart street furniture accessible to all.



The medium-sized 4-seat **Nano** smart bench is an alternative to traditional public benches for those looking for smart city solutions.

During their operation, they continuously monitor changes in their environment: temperature, UV level, air quality, humidity and air pressure, transmit the data to the server, if necessary indicate it to their owner.



With solar-charged batteries, our smart benches are completely mobile and can be placed anywhere. Thus, we recommend them even to such locations where electricity is not available (e.g. parks, forests, castle parks, arboretums).

We offer smart benches with USB ports, wireless chargers and wifi hotspots.

NANO

SMALL SIZE, MODERN LOOK,
PERFECT DESIGN-COMPACT URBAN
BENCH WITH RENEWABLE ENERGY

A smartbench with USB ports, wireless chargers, and WiFi hotspot function. Charged exclusively by solar energy, the place of installation is flexible. The bench constantly monitors its environment: changes in temperature, UV level, air quality, humidity, air pressure – and forwards the data to the server, or notifies the owner if necessary.



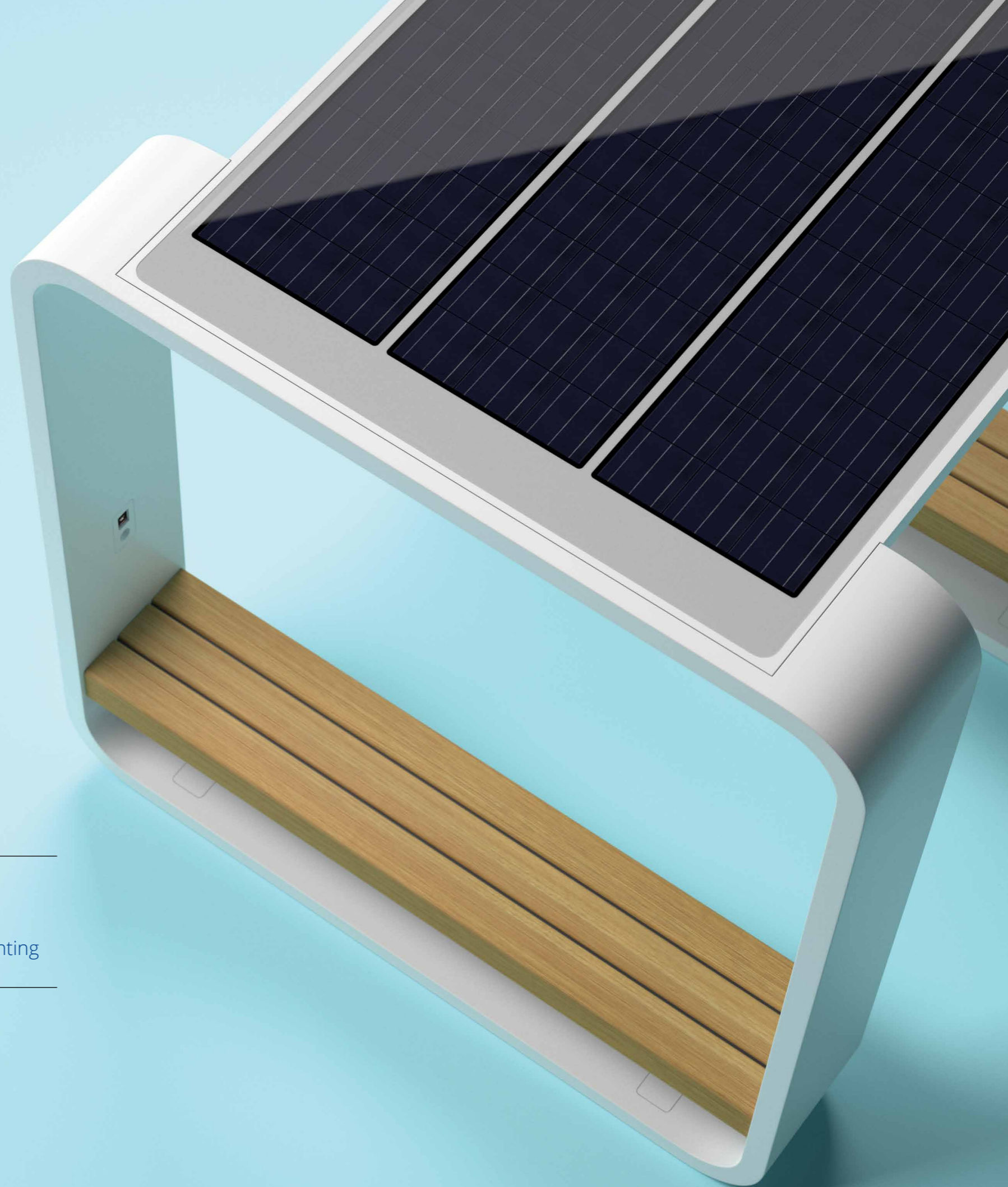
4 seat	1 4G hotspot	2 USB charger
2 wireless Qi chargers	1 2.4" display	1m RGB LED ambient lighting
1 temperature, humidity, UV and air pressure sensor	1 air quality, motion sensor	24/7 data collection

PLUS

NOT JUST A BENCH, BUT A MEETING POINT THE WORLD'S FIRST COVERED SOLAR POWERED PUBLIC BENCH

Just like the smaller model, the batteries use renewable energy only. You can charge your devices via USB ports or wirelessly. This smart bench also functions as WiFi hotspot and has environmental sensors.

8 seat	1 4G hotspot	2 USB charger
2 wireless Qi chargers	2 2.4" display	3m RGB LED ambient lighting
1 temperature, humidity, UV and air pressure sensor	1 air quality, motion sensor	24/7 data collection



ECO

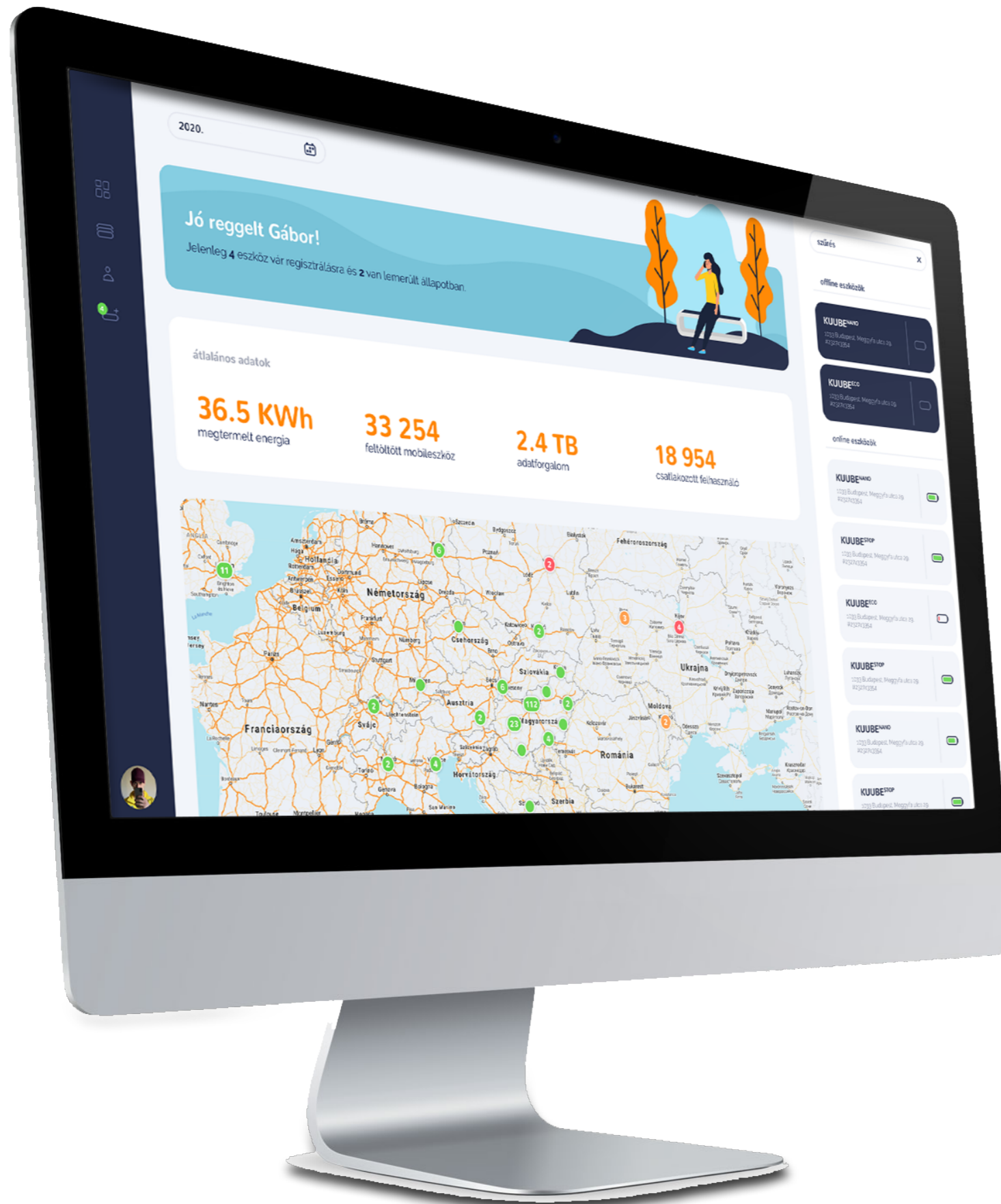
CLEAN DESIGN, SMALL SIZE, COUNTLESS FEATURES
ITS GREATNESS LIES IN ITS SIMPLICITY

The three seater ECO is our smallest compact bench. Nano & PLUS's little brother is equipped with two USB chargers and a wireless charger, and just like with the big brothers, you can enjoy its unlimited Wifi. What's new is that you can track changes in the bench and its surroundings on a larger display than before.



3 seat	1 4G hotspot	2 USB charger
1 wireless Qi chargers	2 2.4" display	1m RGB LED ambient lighting
1 temperature, humidity, UV and air pressure sensor	1 air quality, motion sensor	24/7 data collection

DASHBOARD



Keep track of all your smart street furniture in one place. You can check your benches' state of charge on the map or in the side list here; and you can see how much energy your benches have produced in total or separately.

You can check how many devices have been charged since the launch, how many users connected to the free Wi-Fi or how much data was handled in total. You can also find here the data collected during the monitoring of the street furniture's environment (temperature, humidity, air pressure, air pollution, UV index).

CUSTOMIZED LOOK

Our benches are available in white, but you can customize them to match your brand identity. There are many creative solutions accessible, such as foil wrapping.

All of our benches are equipped with RGB LED ambient lighting so there are more than 16 million colors to choose from for the night lighting.

SMART BUS STOPS

Based on the experience gained in the development and production of smart benches, our latest product, the smart bus stop, was created.



BENEFITS

- Unique requirements of customers can be easily fulfilled thanks to a modular set-up
- New green surface in the city that purifies air, collects dust and makes the city more colorful
- The bus stop is autonomous, ensures watering and electricity for itself
- An exciting, new, innovative experience for residents and tourists alike
- The visitors of the bus stop can be easily informed about city news or transportation schedules
- The smart bus stop can be equipped with any sensor to become a cornerstone of a smart city

The width and functions can be customized, in line with the available space and custom requirements it can be changed modularly. Smart devices can be charged wirelessly or with USB to attract visitors and the bus stop provides a WiFi hot-spot, anyone can access the internet without paying data traffic or roaming fees. The smart displays installed and WiFi landing page accessed on the mobile allows us to show any kind of content for the visitors, making their stay in the bus stop more exciting and helping them find their way around the city (e.g. transportation schedules, expected vehicle arrival time can be displayed).

TUNGSRAMTM

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