FLOWBIRD
Urban
Intelligence

⊕ Park&Charge

Take charge of your e-mobility ecosystem

Our multi-channel solution supports cities throughout their e-mobility journey – from hardware sourcing and installation to daily management and operations.

www.flowbird.group

Flowbird
Park&Charge

100% hardware agnostic solution

For more than 65 years, Flowbird has designed user-friendly parking technology for cities. With parking terminals already on the ground in more than 4,350 cities around the world, we're well placed to help cities add charging capability to every parking space. Our ambition today is to make charging as simple as parking.

Integrate any charger or CPO

Multi-channel payments
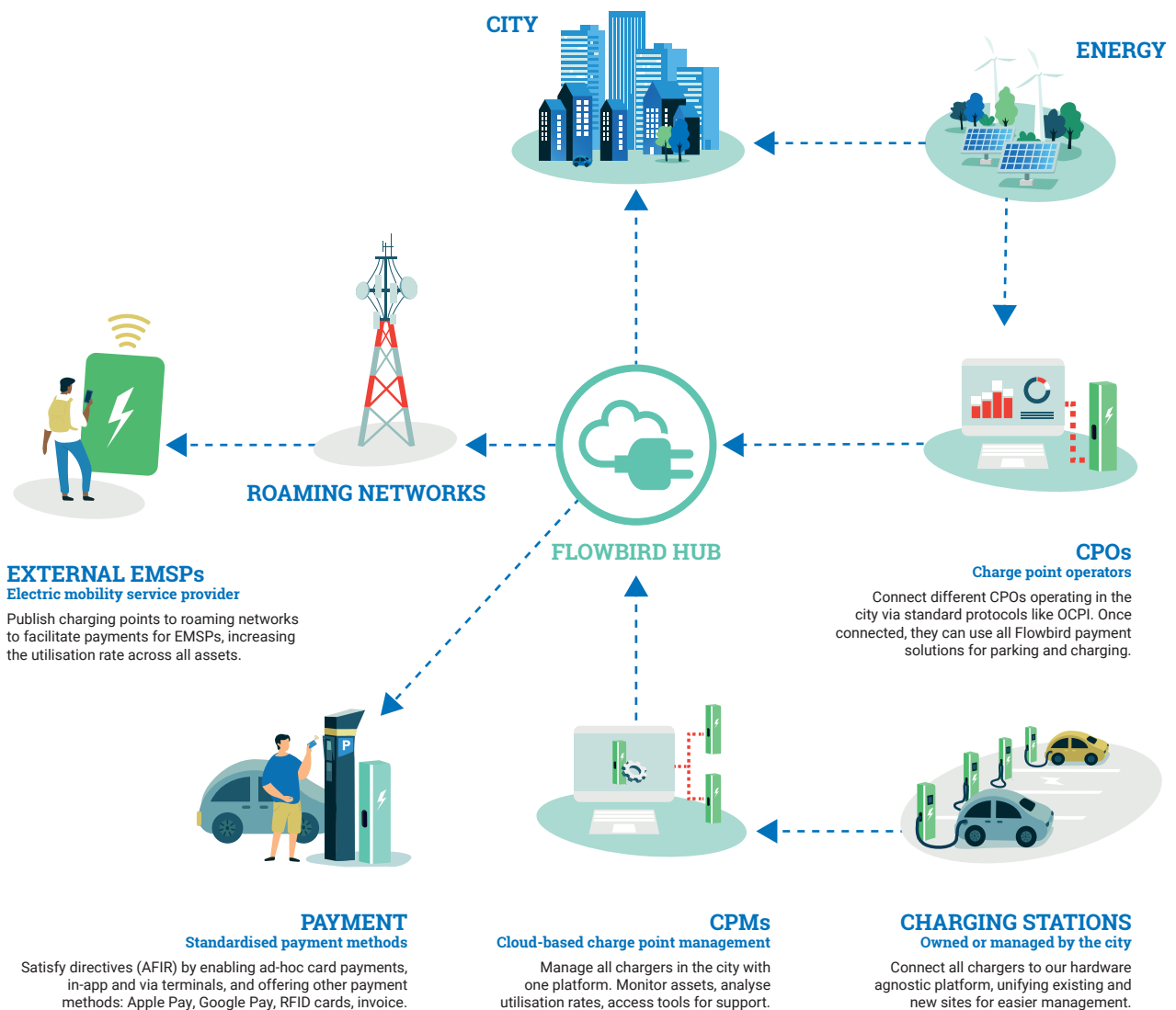
Cloud-based platform

Maintenance and support

Unifying the e-mobility ecosystem

Our parking and e-mobility platform, Flowbird HUB, is the centrepiece of our solution.

It connects through standard protocols to any charging hardware or Charging Point Operator; all Flowbird sales channels; and any third-party user interface.

CITY

ENERGY

ROAMING NETWORKS

FLOWBIRD HUB

CPOs
Charge point operators
Connect different CPOs operating in the city via standard protocols like OCPI. Once connected, they can use all Flowbird payment solutions for parking and charging.

EXTERNAL EMSPs
Electric mobility service provider
Publish charging points to roaming networks to facilitate payments for EMSPs, increasing the utilisation rate across all assets.

PAYMENT
Standardised payment methods
Satisfy directives (AFIR) by enabling ad-hoc card payments, in-app and via terminals, and offering other payment methods: Apple Pay, Google Pay, RFID cards, invoice.

CPMs
Cloud-based charge point management
Manage all chargers in the city with one platform. Monitor assets, analyse utilisation rates, access tools for support.

CHARGING STATIONS
Owned or managed by the city
Connect all chargers to our hardware agnostic platform, unifying existing and new sites for easier management.

Pay-as-you-go, or with mobile

Our Park&Charge solution allows drivers to choose to pay – their way!

The platform is connected to all Flowbird sales channels, such as the S5 series of terminals, Flowbird app and web. Flowbird app and web. It can also be connected to any third-party user interface through standard APIs.

Scan the QR code to watch the demo

Access S5

Strada S5

Compact S5

Pay for parking and charging together

Separate payment for parking and charging is a pain point for EV drivers.

Cities can solve this by enabling payment for parking and charging together at the terminal, or using our mobile app. The digital experience makes it simple to:

- **Find** available Park&Charge stations
- **Define** session duration
- **Extend** the original time
- **Pay** for parking and charging
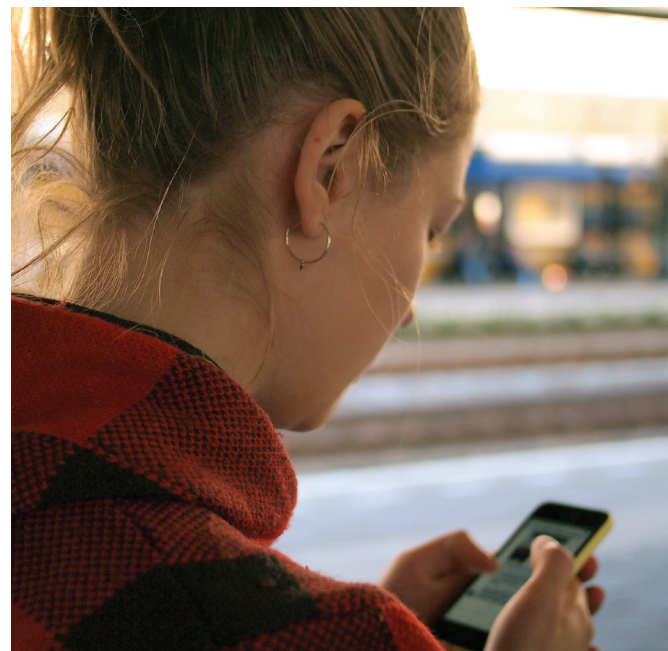- **Only pay** for the time used

Scan the QR code and watch the demo

AFIR regulations: Cities' essential checklist

Our S5 terminals are AFIR compliant... why does this matter?

In the EU, AFIR defines the standards cities must meet to ensure public access to e-mobility charging.

Cities must provide:

- Adequate spaces for parking and charging
- 98% uptime of public accessible chargers
- Simple card payment at charging stations
- Charging facilities at more than 15% of public parking spaces

Flowbird is your partner on every step of the e-mobility journey

From selecting hardware to installation, management and maintenance, we support you, so you can deliver the best service.

1.
Source quality hardware
Work with Flowbird and our partners to source and install park and charge hardware.

2.
Connect sales channels
Connect any charge point, parking terminal, mobile app or web portal to Flowbird HUB.

3.
Provide simple payments
Give drivers a range of payment options and enable combined park and charge payments.

4.
Manage and optimise
Analyse sales channel data using Flowbird HUB, and use insight to optimise services.

5.
Regulate and enforce
Carry out intelligent enforcement of parking and charging, and simplify processing.

6.
Monitor and maintain
Trust Flowbird to maximise uptime with round-the-clock support and maintenance.

⊙ Park&Charge
for cities

Cities are under pressure to invest in rapid growth of public EV charging facilities. In their mission to meet government directives (e.g. AFIR), they imagine many roadblocks. In reality, these can be overcome by choosing a reliable partner like Flowbird to meet every challenge with a solution.

The Challenge	The Solution
LACK OF CONTROL of Charge Point Operators' level of service, availability and utilisation rate.	**FULL CONTROL** Flowbird Park&Charge gives the city full control of its e-mobility ecosystem for its lifecycle.
DISJOINTED INFRASTRUCTURE with multiple platforms and suppliers.	**INTEGRATION** Our platform unifies infrastructure, integrating all chargers and Charge Point Operators.
FRAGMENTED DATA No cross channel data to put 'intelligence' behind enforcement, parking and e-mobility strategy.	**CENTRALISED DATA** Flowbird HUB collects charging and parking data in one place for analysis and insight.
SEPARATE PAYMENT PROCESSES for charging and parking, and high charging payment failure rates (40%).	**PAYMENT SERVICE** Flowbird Payment handles secure payment acceptance, processing and collection.
UNRELIABLE NETWORKS with 15% of charge points unavailable (broken or blocked).	**INCREASED UTILISATION RATE** Better integration, maintenance and control increases charger availability and use.
INFLEXIBILITY With no overall control of services, it's difficult to flex and adapt to new demands.	**SCALABILITY** With our complete solution, cities can scale to meet current and future e-mobility needs.

Level-up service quality, availability and utilisation rate

With all chargers connected to one platform, the city or operator can get control of their complete e-mobility ecosystem.

Increase the availability and utilisation rate of charge points

Consolidate all charging and payment data in one place

Roll out charging rules and put 'intelligence' into enforcement

Simplify device monitoring and management

Unify existing and new charging infrastructure

Provide a single point of contact for all support requests

Create an effortless user experience for EV drivers

Take the stress out of charging! Reward EV drivers for their sustainable transport choice, and incentivise stronger EV adoption.

- Simplify payments in-app, at the terminal, or with a charge card

- Offer payment choice: credit/debit cards, e-wallets, monthly invoice

- Enable (AFIR compliant) payment methods without registration

- Give users a single point of contact to resolve issues

- Inspire confidence with higher availability of chargers

- Build trust to boost more widespread EV adoption

Flowbird HUB: the nerve centre of ⊕ Park&Charge

Our cloud-based platform provides a single, user-friendly portal for simplifying all aspects of parking and e-mobility management.

Open architecture platform

Standard protocols for integrations

Configurable rights and tariffs

Digital permits integration

Parking enforcement simplified

Data analysis creates actionable insight

Access the leading brands in e-mobility hardware for any public charging scenario

Flowbird has established a partner network, which includes the leading charger brands.

Through these partnerships, we offer hundreds of charger types, already certified for use, to meet the needs of public charging – on-street, off-street, at workplaces and any destination.

Our selection process follows extensive research into market needs and feedback from users. We are confident that the premium charging hardware we offer delivers the highest standards of quality, reliability, durability, and a user-friendly experience.

To get started with your e-mobility solution, select hardware from any of our partners with coverage in your region.

Our solution is integrated, certified and ready to go!

Some of our hardware partners

CTEK

wallbox

ChargeNode

circontrol

KEBA
Automation by innovation.

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Join us on our mission to make charging as simple as parking

Get in touch today to start your e-mobility journey:
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