



Polish Chamber of Electromobility
Development Association

**Electromobility in Poland. Ecosystem for electromobility
developing, impact factors.**

About us



Polish Chamber of Electromobility
Development Association

Our mission

We believe in real electromobility. We create and carry out activities based on the knowledge of the greatest specialists in the industry. We initiate and then implement processes allowing for proper development of zero-emission transport. In this way we show how the future will look like.

Our Organisation

We are a non-governmental organization. Our activities are based primarily on knowledge and experience. We act locally for the whole community and we build the future on the foundation of new technologies.

Knowledge and experience

PIRE is associated with the electromobility market. We want to transfer our knowledge, experience and together build a real electromobility. We organize conferences, trainings, webinars- we teach, explain and advise.



Supporter of
CHARIN



PAIH
Grupa PFR

Electric vehicle strategic and legal framework



Polish Chamber of Electromobility
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Electromobility Development Plan, March 2017

provides a strategy for electric vehicle and charging infrastructure deployment in Poland with the aim to improve air quality and foster economic growth

National Framework for Alternative Fuels Infrastructure Development Policy, March 2017

in order to implement EU Directive 2014/94 (AFID) on the deployment of alternative fuels infrastructure. The framework includes the goal to install 6,400 charging points, including 400 fast charging points, on the Trans-European Transport Network (TEN-T) by 2020.²⁷

The Law on Electromobility and Alternative Fuels, February 2018 / December 2021

The first legislation on electromobility in Poland. It lists detailed targets and measures for the uptake of electric vehicles by public institutions, including public transportation vehicles, and charging infrastructure in most populated cities (over 100,000 inhabitants), rules of functioning of clean transport zones in cities.

The Act also includes provisions that pave the way for granting benefits and incentives for owners and users of electric vehicles.

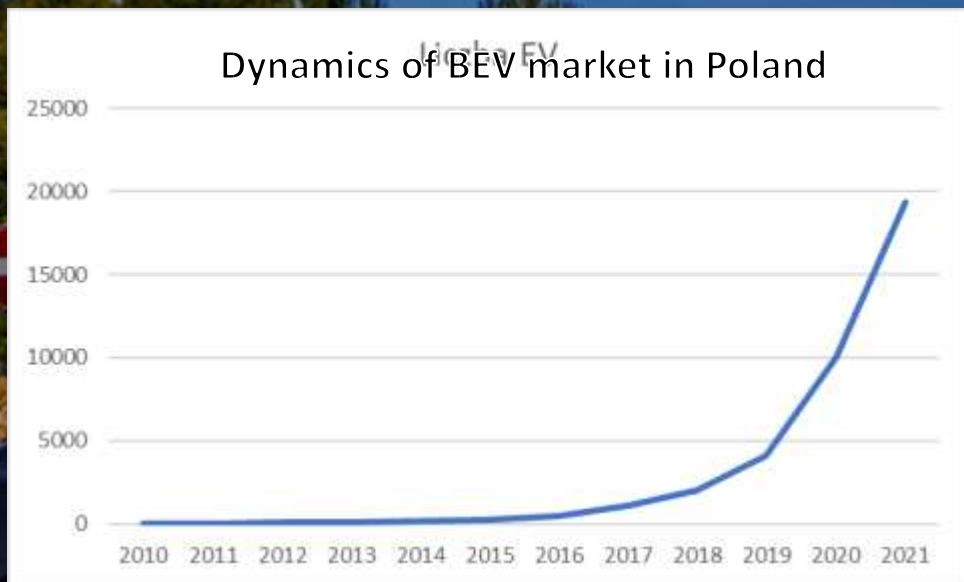
They include:

- exemption from the excise tax on the purchase of passenger battery electric vehicles (BEV) and until 1 January 2021 also for the purchase of passenger plugin hybrid electric vehicles (PHEV)¹⁴,
- allowing electric vehicle drivers to use bus lanes until the end of 2025,
- exemption of electric vehicles from fees applicable in paid parking zones,
- increasing the upper limit of depreciation charge.

Battery Electric Vehicles in Poland



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TOP3 cities according to the number of BEVs



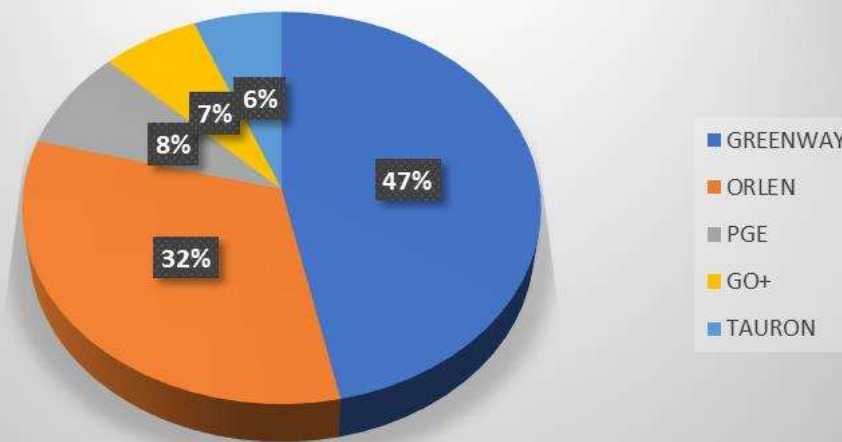
The total number of registered and used electric cars in Poland is **19 320 BEVs**
* Source: PIRE, Dec 2021

Electromobility sector in Poland

Number of stations by operators - TOP 5



TOP 5 operators in Poland



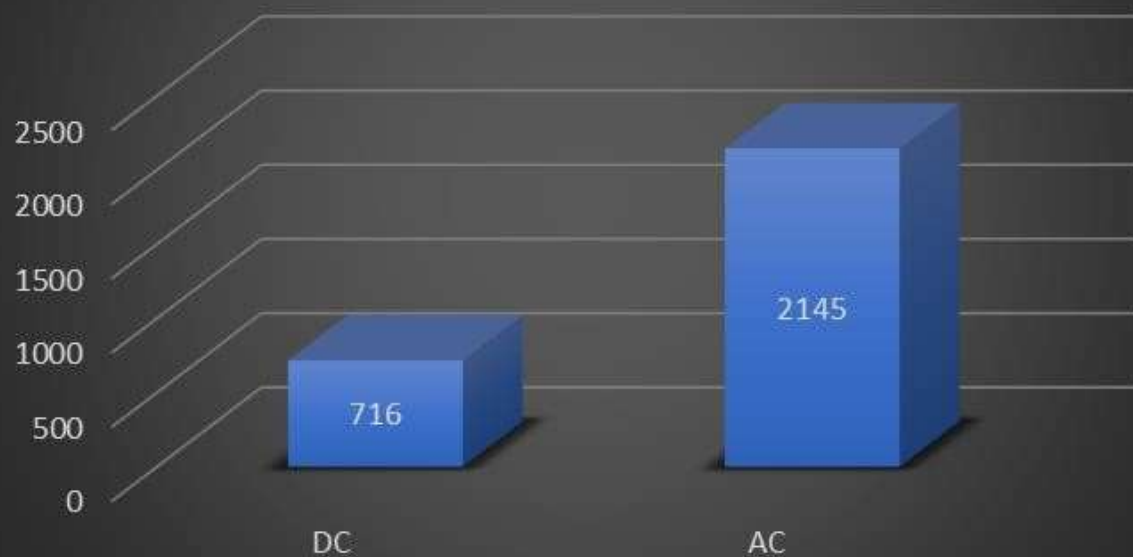
TOP 5 CPO's in Poland (DC charging stations)

Number of AC/DC charge points in Poland



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Number of AC & DC charge points in Poland



Source: UDT, Dec 2021

TOP 5 Polish Cities with e-buses

Najwięcej elektrobusów w naszym kraju jeździ w:

WARSZAWIE 162 szt.

KRAKOWIE 78 szt.

JAWORZNI 44 szt.

ZIELONEJ GÓRZE 43 szt.



Total number of
e-bus in Poland

Polish Chamber of Electromobility Development Association recognized key growth factors for the market

- Incentives for electric car users
- Subsidies programs for buying electric cars
- Subsidies programs for installing of charging infrastructure
- built social awareness
- education of decision makers
- update the paths of education
- taking advantage of an economic opportunity



Incentives – „My Electric Car”



Polska Izba Rozwoju
Elektromobilności

Program Objective

The aim of the program is to avoid air pollutant emissions by co-financing projects aimed at reducing the consumption of emission fuels in transport - supporting the purchase / leasing of zero-emission vehicles. The program provides for the possibility of co-financing projects consisting in the purchase / leasing of new zero-emission vehicles of the M1, M2, M3, N1, L1e, L2e, L3e, L4e, L5e, L6e, L7e categories using only electric energy accumulated by connecting to an external power source. or electricity generated from hydrogen in fuel cells.

Program budget

The budget of the program has been set up to PLN 700 million for non-returnable forms of co-financing, of which at least 50% will be transferred as part of making funds available to banks in accordance with Art. 411 paragraph. 10 of the Act Environmental Protection Law for the purpose of granting subsidies.

Incentives— „My Electric Car”



Polska Izba Rozwoju
Elektromobilności

Co-financing for individuals by National Fund for Environmental Protection and Water Management (cash or credit purchase and consumer leasing or long-term rental)

Beneficiary	Price for EV	Subsidy
Private person	do 225 000 PLN	18 750 PLN
Private person (with „Big Family Card” — min. 3 kids)	No limits	27 000 PLN

Incentives— „My Electric Car”



Polska Izba Rozwoju
Elektromobilności

Co-financing by National Fund for Environmental Protection and Water Management for enterprises, public finance sector entities, local governments, research institutes, NGO's, cooperatives, individual farmers, Churches and other religious associations

Financing form

Category of vehicle

Subsidy

- Leasing
- long-term rental
- Direct purchase

M1 (EV price up to 225 000 PLN)

18 750 PLN

(without kilometers limit)

27 000 PLN

(annual mileage [kilometers] more than 15 000 km)

50 000 PLN

(up to 20% of eligible costs without kilometers limit)

70 000 PLN

(up to 30% of eligible costs annual mileage [kilometers] more than 20 000 km)

L1e – L7e

4 000 PLN

(up to 30% of eligible cost)

Incentives – "Support for electric vehicle charging infrastructure and hydrogen refueling infrastructure"



Polska Izba Rozwoju
Elektromobilności

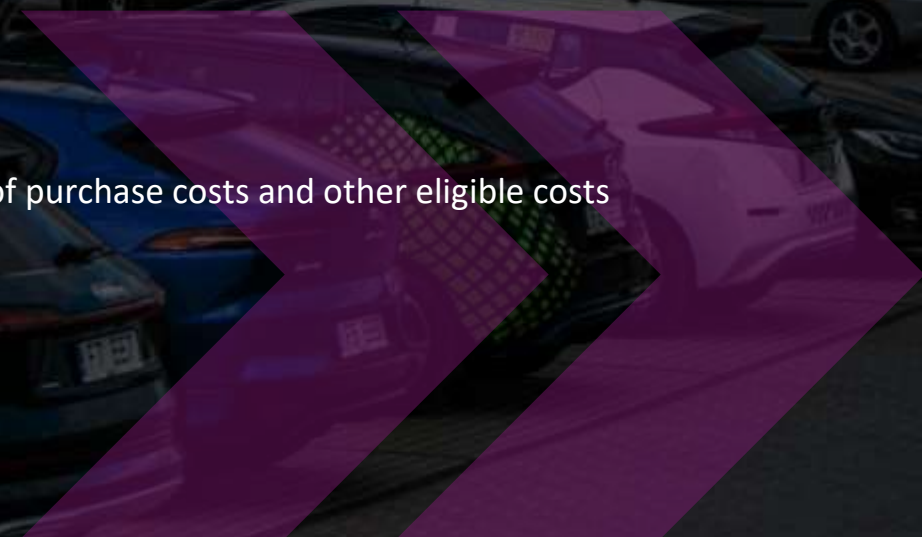
Program Objective

The program aims to support the development of electric vehicle recharging infrastructure and hydrogen refueling infrastructure to reduce the number of vehicles emitting CO₂ and NO_x and thus improve air quality. The program provides for the possibility of co-financing projects consisting in the purchase of new public, private and bus charging stations. The program provides for the construction of 13,354 charging points, of which 6,139 are generally accessible charging points

4,000 - area 50 kW, non-public stations will receive up to 25% co-financing of eligible costs, 50 kW - 150 kW (in agglomerations and along the TEN-T network up to 30% co-financing, except agglomerations up to 45% co-financing), stations above 150 kW - 50% co-financing, Beneficiaries: local government units, entrepreneurs, cooperatives, housing communities, individual farmers

Program budget

The budget of the program has been set at PLN 870 million for non-returnable forms of co-financing of purchase costs and other eligible costs (construction works, investment preparation costs)



Incentives— "Support for electric vehicle charging infrastructure and hydrogen refueling infrastructure, – program details



Polska Izba Rozwoju Elektromobilności

Other than public charging infrastructure		Hydrogen refueling stations public / other than public	Public charging infrastructure	
≥ 22 kW (AC points)	≥ 22 kW (stations)	Hydrogen refueling stations	50 ≥ DC < 150 kW	DC ≥ 150 kW
70 000 000 PLN	70 000 000 PLN	100 000 000 PLN	315 000 000 PLN	315 000 000 PLN
70 000 000 PLN	800 000 000 PLN (notyfication by European Comission)			
GBER	870 000 000 PLN			

Incentives— "Support for electric vehicle charging infrastructure and hydrogen refueling infrastructure, – Co-financing intensity- different amounts and intensities of co-financing depending on the type of infrastructure



Polska Izba Rozwoju
Elektromobilności

Infrastructure	AC ≥22 kW	50 ≥DC < 150 kW	DC ≥150 kW	Hydrogen refueling stations
Public	-	30 % 45%*	50%	50%
Other than public		25%		

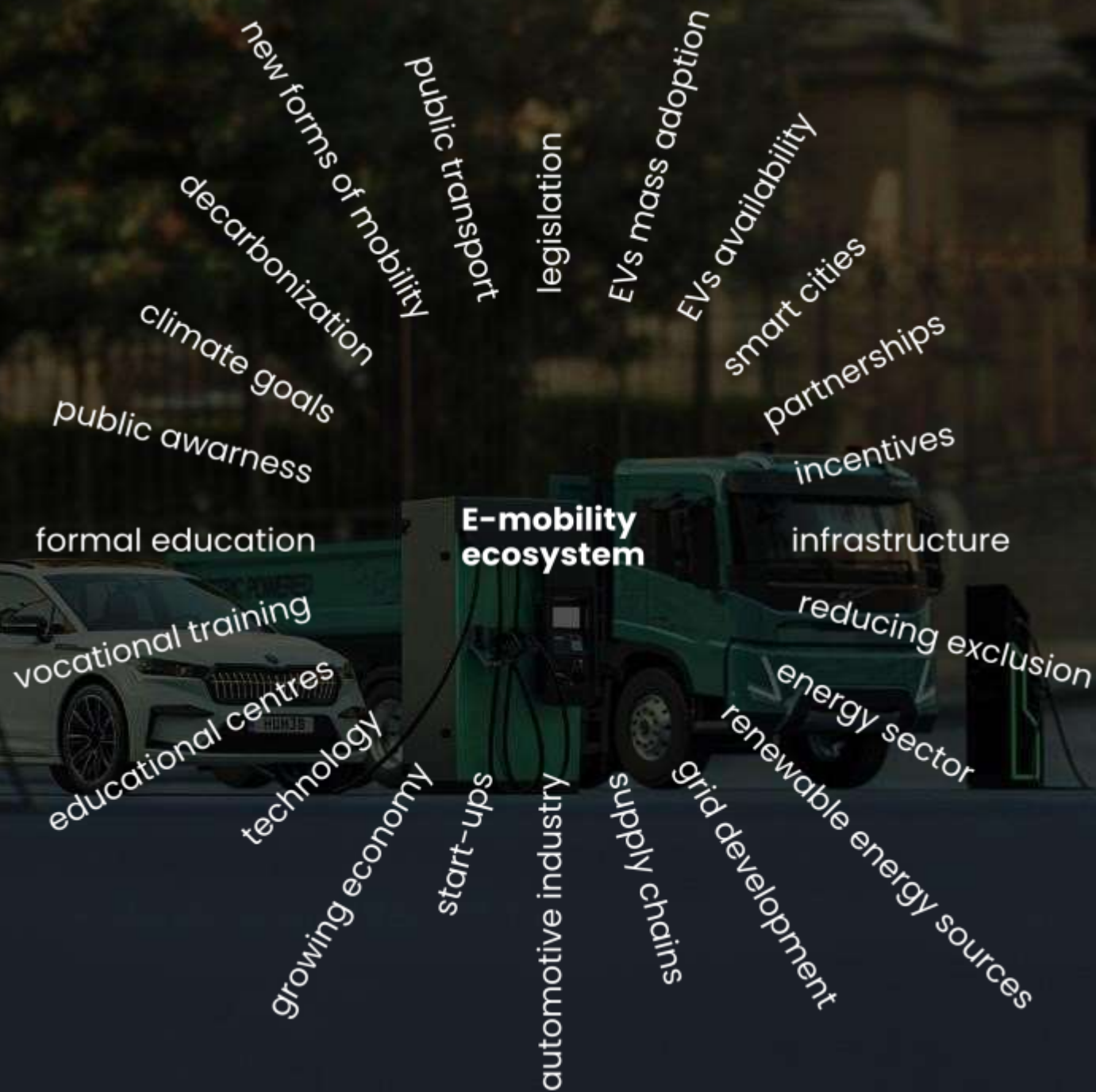
Incentives— "Support for electric vehicle charging infrastructure and hydrogen refueling infrastructure, – planned effect of program



Polska Izba Rozwoju
Elektromobilności

Infrastructire	AC ≥ 22 kW	50 \geq DC < 150 kW	DC ≥ 150 kW	Hydrogen refueling stations
Planned numer of stations	10 462	4 868	2 429	20
Total		17 759		

E-mobility ecosystem





Our Original program

Our program involves working with cities to achieve the planned number of electric vehicles.

We collaborate locally on education, promotion, information and infrastructure development.

e.mobility NOW





PIRE Knowledge Hubs a response to the constantly growing needs of companies from the electromobility industry in the area of substantive knowledge and practical skills to be implemented in your organization.

Training for **engineering staff** specialist training for fleet operators, car services and local government administration.

Expert **advice in the field of batteries** charging infrastructure, case studies, technology and market reports.

A team of experts, practitioners and experienced specialists in the electromobility industry.



Polish Chamber of Electromobility
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Participation in mobility meetings and conferences



Polish Chamber of Electromobility
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We actively participate in industry events as Honorary Patrons and experts:

P-TECC Partnership for Atlantic Energy and Climate Cooperation

National Economic Summit 2020, 2021

National Energy Summit 2021

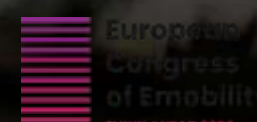
Vision of Development Forum 2021



PIRE is the organizer of the European Congress of Electromobility

Our Chamber is a Partner of the Global e-Mobility Forum

PIRE participates in the Subcommittee for electromobility in Polish Parliament (ESK04S)





**Global
e-Mobility Forum**
2021 | **25 NOVEMBER**
DRIVING CHANGE TOGETHER
globalemobilityforum.com
LIVE STREAMING



PIRE

Polish Chamber of Electromobility
Development Association

THE EMOBI ROAD TO COP26



MINISTRY
OF INFRASTRUCTURE



Ministry of Climate
and Environment

EKO SMART ENERGY SYSTEMS
ENERGETYKA



green-news.pl





THE EMOBI ROAD TO COP26

The initiative that aims to highlight the role of **electromobility in decarbonising the transport sector** as an effective technology for achieving climate goals.

DRIVING CHANGE TOGETHER – a joint initiative between Poland and the UK that highlights the role of zero-emission transport in transforming the transport sector to achieve climate goals and build a better future.

JUST TRANSITION AND SOLIDARITY – this is one of the results of COP24 – the just transformation of regions that will undergo profound changes as a result of the decarbonisation of the energy sector, and the role of electromobility as a flywheel for economic change in the regions.

THE EMOBI ROAD TO COP26



Polish Chamber of Electromobility
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THE EMOBI ROAD TO COP26



European Centre for Electromobility



Polish Chamber of Electromobility
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The complete ecosystem providing a path for development from education through business development and its promotion to the growth of economic competitiveness of the region and the country

Pillar I

Complex ecosystem for e-mobility innovations support:

Pre-incubator
Incubator
Accelerator

Certified laboratories

Pillar II

Human Resources – education:

Technical school Electromobility

Faculty of Electromobility

Pillar III

Economy – facilities and offer:

Investment areas

Congress center
and exhibition



ECE International Innovation Council (selection and selection of ultra-development projects)



E-mobilityInnovationHUB



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Projekt współfinansowany przez Unię Europejską ze środków Europejskiego Funduszu Rozwoju Regionalnego w ramach Regionalnego Programu Operacyjnego - Lubuskie 2020	
Oś priorytetowa	1. Gospodarka i innowacje
Działanie	1.2. Rozwój przedsiębiorczości
Poddziałanie	Nie dotyczy
Projekt	Inkubator "E-mobility Innovation Hub" kreator innowacji w świadczeniu prorozwojowych usług na rzecz MŚP w Zielonej Górze
Numer projektu	RPLB.01.02.00-08-0002/21-00
Okres realizacji projektu	2022 - 2023
Wartość projektu (PLN)	13 532 706,00 PLN
Kwota dofinansowania (PLN)	9 000 000,00 PLN
Cel projektu	<p>W odpowiedzi na zdiagnozowaną na lokalnym rynku potrzebę w kontekście zidentyfikowanej szansy rynku zewnętrznego celem proj. jest do 30.06.2023 roku uruchomienie w Zielonej Górze inkubatora przedsiębiorczości pn. "E-MOBILITY INNOVATION HUB" poprzez inwestycję w rzeczowe aktywa trwałe i wartości niematerialne i prawne oraz wprowadzenie na rynek nowych/ulepszonych prorozwojowych usług (Etap I), a następnie przez okres co najmniej 5 lat (Etap II) (tj. od 01.07.2023 roku do 30.06.2028 roku tj. okres trwałości) zapewnienie lubuskim MŚP wsparcia w rozwoju przedsiębiorczości, w tym prowadzenie prorozwojowych usług doradczych. Prorozwojowa usługa doradcza o specjalistycznym charakterze będzie usługą mającą na celu zwiększenie konkurencyjności i efektywności ekonomicznej przedsiębiorstw zarówno na poziomie operacyjnym jak i strategicznym. Usługa będzie się charakteryzować: zidentyfikowaniem potrzeb po stronie przedsiębiorcy i zaproponowaniem sposobu ich zaspokojenia przez usługodawcę; dostosowaniem sposobu świadczenia usługi do indywidualnych potrzeb przedsiębiorcy; zaangażowaniem przedsiębiorcy i usługodawcy w powyższy proces oraz wykorzystaniem specjalistycznej wiedzy eksperckiej niezbędnej do uzyskania efektu rozwojowego, poprzez bezpośrednie zaangażowanie osób o odpowiednich kompetencjach, współwystępowaniem inkubacji i wsparcia doradczego. Planowana oferta usług inkubatora będzie certyfikowana W ramach realizacji projektu wybudowany zostanie budynek biurowo-socjalny oraz hala montażowa o łącznej powierzchni użytkowej wynoszącej 1 932,96 m2. Okres realizacji projektu: lata 2022-2023</p>



European Congress of Emobility

THINK AHEAD 2022



Polish Chamber of Electromobility Development Association



Expert debates

Real initiatives



Top-level guest participation

Share of industry media



Meetings with experts



Communication



**Professionalism
knowledge, content**



**EXPO zone for
Partners**



Key areas

Investments

**Policy and
development
directions**

**Charging
infrastructure**



Technologies

Education

**Electromobility
market**



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Thank you for your attention

**Polish Chamber of Electromobility
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Elektromobilności