Co-funded by the European Union

Introduction to the **Business Investment Platform**

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EIT InnoEnergy HUB Hungary is run by

Funding and business support opportunities in EU

Research
- Horizon Europe
- National funds

Development
- Horizon Europe
- National funds

Innovation
- European Battery Alliance BIP
- Commercially available funds,
- Bank loans

BEPA Batteries European Partnership Association

https://bepassociation.eu/

Business Investment Platform @EUROPEAN BATTERY ALLIANCE | BIP

https://www.eba250.com/

The topics to be covered in 2023-24 / 1

D2-1-1. Technologies for **sustainable**, low carbon and cost-efficient **downstream processing** and production of **battery-grade materials**

D2-1-2. New processes for upcoming **recycling** feeds

D2-1-3. Advanced materials and cells development enabling **large scale production of Gen4 solid-state batteries** for mobility applications

D2-1-4. **Sustainable high-throughput production** processes for stable lithium metal anodes for next generation batteries

D2.1.5. Advanced **digital twins** for battery cell production lines

D2-1-6. **BMS and battery system design** for stationary energy storage systems (ESS) to improve interoperability and facilitate the integration of 2nd life batteries

D2-1-7. **Hybrid electric energy storage solutions** for grid support and charging infrastructure

D2-1-8. New Approaches to Develop **Enhanced Safety Materials** for Gen 3 Li-Ion Batteries for Mobility Applications

D2-1-9. Creating a **digital passport** to track battery materials, optimize battery performance and life, validate recycling, and promote new business model based on data sharing

The topics to be covered in 2023-24 / 2

D2-1-10. Advanced sustainable and safe **pre-processing technologies** for End-of-Life batteries **recycling**

D2-1-11. Scale-up of automation for **safe and flexible** battery **disassembly**

D2-1-12. **Post-Li-ion technologies** and relevant manufacturing techniques for mobility applications (Generation 5)

D2-1-13. **Non-Li Sustainable Batteries** with European Supply Chains for Stationary Storage

D2-1-14. **Computer-aided design** and development of materials for next-generation **redox flow batteries**

D2-1-15. **Size & weight reduction** of cell and packaging of batteries system, integrating lightweight and functional materials, innovative thermal management -and safe-by-design approach

D2-1-16. Accelerated multi-physical and virtual **testing** for battery aging, reliability and safety evaluation

D2-1-17. Implementation and operational use of **smart functionalities** at cell and system level to **advance safe operations**

D2-1-18. Development of **technical and business solutions** to optimise the **circularity, resilience, and sustainability of the European battery value chain**

BIP Case:

Overview and detailed project description

Introducing your project

General purpose, mission, vision,

Product / service to be sold

Unique value proposition (UVP)

Markets, customers targeted, final users targeted

Business model (go to market, pricing, …)

Legal status of the project (before BIP, at the end of BIP)

Organization and key team, cooperating partners

Timeline of implementation

Project location

Key factors/differentiators

Impact of the project expected

Financial impact refers to the IRR for the investors

Social impact refers to the number of new and/or complementary jobs, direct and indirect, to be created

Environmental impact refers to the specifics of the project (i.e. CO2, waste, other externalities)

Introducing your project

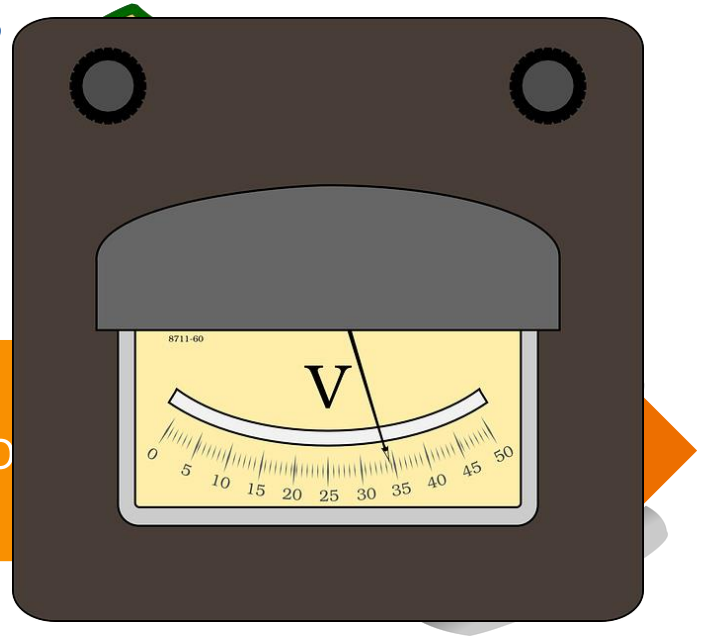
What is your position in the value chain?

What is the product you will be delivering?

What are the estimated values for the product (kt, GWh, eV, chargers, ...)?

What is the timeline to market?

Milestone 1 Milestone 2 Milesto



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Introducing your project

Please provide a self-assessment of the maturity level of your project! Key factors of assessment:

- ***Market intelligence,***
- ***Technology,***
- ***Regulation/Permitting,***
- ***Team/Manpower,***
- ***Customers (off-takers),***
- ***Societal/Environmental acceptance,***
- ***Industrialization,***
- ***Supply (chain),***
- ***Governance***

What kind of business support do you seek beyond financing?

Financials, Investment case, Return

Business case

Financial model: Profit & loss statement/projections from investment decision to Standard Operating Procedure (SOP) + 5 years operations minimum

Cash-flow statement/ projection, from investment decision to SOP + 5 years operations minimum

Pipeline (forecasts)

Business key attributes

- *lead time to sales,*
- *key cost drivers,*
- *sensibility analysis,*
- *etc.*

Investment case

A description of the initial project's financing structure (past)

- *grants, equity, debt, …*
- *paired with the financial model*

In the case of a Private Public Partnership: a summary of the key concession terms.

Is there any Technical, Legal or Insurance Advice received on the project?

Return

Return proposed for innoenergy

- *Should be derived from the P&L Statement*
- *Equity investment or revenue share proposed?*
- *How long should InnoEnergy be shareholder or benefit from the project?*
- *(How long do you need InnoEnergy's non-financial support?)*
- *Should be aligned with cash-flow plan to secure business running and growing.*

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