



Smart Energy LAB Ideation Manager (SEL01_2020)

If you want to be part of the new decade on energy revolution, at Smart Energy LAB you will have the opportunity to have a real impact by creating new products and services that will contribute to energy transition, focusing on the 3Ds (Decarbonization, Decentralization and Digitalization).

Smart Energy LAB is a Collaborative Laboratory (CoLAB) held by EDP Comercial, Accenture, Instituto Superior Técnico, Faculty of Sciences of Lisbon, University of Coimbra, INESC TEC and INESC ID.

Smart Energy Lab has a unique combination of science, technology and industry in the energy sector, focused on creating new products and services for the downstream of the energy value chain.

"We are a green dream factory that will make tomorrow possible, improving life for everyone with new energy solutions through smart collaboration."

In order to create the future, we are looking for an **Ideation Manager**.

As an Ideation Manager you will:

- Be responsible for discovering ideas with high value potential, preparing the business case and help bringing them to the prototype phase.

Generate ideas and conduct the best ideas to prototyping

- Identify emerging trends on the energy sector
- Develop an idea identification plan that addresses idea generation objectives
- Evaluate potential value and high-level viability business case (funding, revenue model, target clients, partnerships, success metrics)
- Prioritize the initiatives to be developed for prototyping
- Participate in national and international fairs/meetings to identify opportunities and promote SEL notoriety for new R&D opportunities

Manage relationships with associates and other entities

- Organize and facilitate idea generation workshops
- Ideate to explore client needs and identify opportunities from associates and other entities
- Promote relationships with the associates to discuss challenges and opportunities

Support business development and financing

- Filter business requests in partnership with management and Product Managers
- Receive inputs from business stakeholders
- Support business development processes
- Support the preparation of applications for projects financing



What we are looking for:

- Innovation mindset
- Business sense and vision instinct
- Strong knowledge on the energy sector, mainly on the downstream of the value chain
- Great combination of technical and business knowledge
- Natural ability to empathize with people
- Great listening and communication skills
- Curious and creative way of looking at the energy world
- Easiness to work with cross-functional teams
- Ability to work in dynamic and ambiguous projects
- High initiative
- Up to date on innovation trends in the energy sector

Specific Skills Required

- 5-8 years of knowledge in the energy industry (private sector or academia) and experience working in at least one of these domains: Product Innovation, Innovation Management, Product Development, Product Management, Strategic Consulting, Design Thinking, Service Design.
- Degree in Engineering, Management or other relevant degree for the function
- Fluent English

Location: Lisbon, Portugal

Apply by sending your **CV** and a **Cover Letter** stating how you can contribute for the energy transition and why would you like to be part of the Smart Energy Lab to info@smartenergylab.pt



Smart Energy LAB Service Design Lead (SEL02_2020)

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In order to create the future, we are looking for a Service Design Lead.

As the Service Design Lead you will:

- Be responsible for user experience and service experience design on solutions developed by the Smart Energy Lab and to support Service Design business development

Design or improve the relationship with the user of products and services

- Lead the development of UX and UI features
- Support to Product Managers at product discovery stage to design user journey mapping and analyzing UX created by new features
- Manage the activities to define the relationship with users, from idea generation to product discovery
- Study the state of the art of service design, addressing problems identified by the Ideation Manager or Product Managers
- Communicate research analysis, recommendations and possible design solutions to the developers, designers and stakeholders of the project

Client Adoption

- Collaborate with users to create the desired experiences in order to maximize client adoption
- Run client workshops with clients and creative brainstorming focused on user experience

Support business development and financing

- Support the preparation of applications for projects financing or business proposals in Service Design
- Support on pre-sale to Product Managers or Business Developer
- Negotiate commercial proposals of Service Design



What we are looking for:

- Innovation mindset
- Knowledge of and experience with applying user-centered design processes and techniques (e.g. Design Thinking, User Research, Collaborative Design)
- Good combination of design and business sense
- Client killer instinct
- Natural ability to empathize with people
- Great listening and communication skills
- Curious and creative
- Easiness to work with cross-functional teams
- Ability to work in dynamic and ambiguous projects

Specific Skills Required

- 5-10 years of knowledge in Service Design
- Degree in Engineering, Management, Design or other relevant degree for the function
- PhD is an advantage
- Fluent English

Location: Lisbon, Portugal

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Smart Energy LAB Delivery Manager (SEL03_2020)

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In order to create the future, we are looking for a **Delivery Manager**.

As the Delivery Manager you will:

- Be responsible for the definition of product development methodologies, product architecture and the product delivery

Define development methodologies/frameworks

- Implement and oversee agile/scrum methodologies
- Promote the development culture based on lean engineering and fast innovation
- Define the development strategy and activity plan

Manage outputs and costs

- Oversee high level architecture for the proposed development roadmap
- Support project or prototype budgeting and manage development costs
- Collaborate with Product Managers to define the roadmap for product development and translate them into stories
- Supervise project timeline and quality of deliverables developed on products and services in pipeline

Staffing operational management

- Manage the resources allocation to teams, based on planning and development objectives of each RH
- Provide/organize coaching and training for all SEL members to build a self-sustaining, high performing CoLAB

What we are looking for:

- Focus to achieve results
- Capacity to combine electrical and IT engineering. Knowledge on electrical engineering, computer science, electronics, communications protocols
- Experience on agile and scrum management
- Strong knowledge on the energy sector, mainly on the downstream of the value chain
- Good combination of structure and flexibility at management and decision
- Ability to work in dynamic and ambiguous projects
- Natural ability to empathize with people
- Curious and creative way of looking at the energy world
- Easiness to work with cross-functional teams
- Up to date on innovation trends in the energy sector



Specific Skills Required

- 5-10 years of knowledge in the energy industry (private sector or academia)
- Experience working in managing electrical and computer science product and service development
- Degree in Computer Science or other relevant degree for the function
- PhD is an advantage
- Fluent English

Location: Lisbon, Portugal

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Smart Energy LAB

Product Manager – Distributed Resources (SEL04_2020)

If you want to be part of the new decade on energy revolution, at Smart Energy LAB you will have the opportunity to have a real impact by creating new products and services that will contribute to energy transition, focusing on the 3Ds (Decarbonization, Decentralization and Digitalization).

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In order to create the future, we are looking for a Product Manager focused on Distributed Resources.

As the Product Manager of Distributed Resources you will:

- Be responsible for product management in Distributed Resources

Vision and business management

- Monitor the market, identifying opportunities to create the business vision in Distributed Resources
- Follow closely the business and define key KPIs
- Prepare Smart Energy LAB position thinking about Distributed Resources industry issues

Business development

- Work with the Ideation Manager in order to propose the development of new products or new product functionalities
- Manage the product or service lifecycle and design the business plan
- Propose opportunities for financing projects and support its development
- Promote and create relationships with technical or business partnerships
- Participate in national and international fairs/meetings to follow market trends and identify/promote business opportunities
- Prepare business proposals together with the Business Developer and support product/service promotion
- Negotiate business proposals on Distributed Resources

Product/Service development

- Lead the product development on Distributed Resources
- Work with development teams to specify requirements and scope
- Define team estimates to create a roadmap with the delivery manager
- Design, together with the Delivery Manager and senior specialists, the terms of reference for outsourcing specific needs
- Oversee the development runs and make product decisions
- Approve/accept the product or service at the end of delivery



What we are looking for:

- Focus to achieve results
- Innovation mindset
- Great combination of technical and business knowledge
- Knowledge on both hardware and software level. Knowledge in programming is a plus
- Strong knowledge on the energy sector. Experience on distributed resources is a plus
- Client killer instinct
- Ability to develop self and others
- Easiness to work with cross-functional teams
- Ability to work in dynamic and ambiguous projects

Specific Skills Required

- 5-10 years of knowledge in the energy industry in distributed resources (private sector or academia) and experience working in Product Development, Product Innovation or Product Management.
- Degree in Engineering or other relevant degree related with the position
- PhD is an advantage
- Fluent English

Location: Lisbon, Portugal

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Smart Energy LAB

Product Manager – Electric Mobility (SEL05_2020)

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In order to create the future, we are looking for a Product Manager focused on Distributed Resources.

As the **Product Manager of Electric Mobility** you will:

- Be responsible for product management in Electric Mobility

Vision and business management

- Monitor the market, identifying opportunities to create the business vision in Electric Mobility
- Follow closely the business and define key KPIs
- Prepare Smart Energy LAB position thinking about Electric Mobility industry issues

Business development

- Work with the Ideation Manager in order to propose the development of new products or new product functionalities
- Manage the product or service lifecycle and design the business plan
- Propose opportunities for financing projects and support its development
- Promote and create relationships with technical or business partnerships
- Participate in national and international fairs/meetings to follow market trends and identify/promote business opportunities
- Prepare business proposals together with the Business Developer and support product/service promotion
- Negotiate business proposals on Electric Mobility

Product/Service development

- Lead the product development on Electric Mobility
- Work with development teams to specify requirements and scope
- Define team estimates to create a roadmap with the delivery manager
- Design, together with the Delivery Manager and senior specialists, the terms of reference for outsourcing specific needs
- Oversee the development runs and make product decisions
- Approve/accept the product or service at the end of delivery



What we are looking for:

- Focus to achieve results
- Innovation mindset
- Great combination of technical and business knowledge
- Knowledge on both hardware and software level. Knowledge in programming is a plus
- Strong knowledge on the energy sector. Experience on electric mobility is a plus
- Client killer instinct
- Ability to develop self and others
- Easiness to work with cross-functional teams
- Ability to work in dynamic and ambiguous projects

Specific Skills Required

- 5-10 years of knowledge in the energy industry in electric mobility (private sector or academia) and experience working in Product Development, Product Innovation or Product Management.
- Degree in Engineering or other relevant degree related with the position
- PhD is an advantage
- Fluent English

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Smart Energy LAB Business Analyst (SEL06_2020)

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In order to create the future, we are looking for a **Business Analyst**.

As a **Business Analyst** you will:

- Perform analysis and applied research to discover new business opportunities
- Support the Ideation Manager and Product Managers in conducting high-level benefit analysis of initiatives, business cases/business plans for new products and services
- Support the Service Design Lead in product discovery activities
- Conduct specific studies and presentations to support the business and product development
- Support the preparation of applications for projects financing or business proposals

What we are looking for:

- High problem-solving capabilities
- Good writing and oral communication skills
- Good combination of technical and business knowledge
- Easiness to work with cross-functional teams
- Ability to work in dynamic and ambiguous projects
- Instinct to be up to date on innovation trends in the energy sector
- Business consulting experience

Specific Skills Required

- 2-5 years of knowledge and experience working in Business Analysis
- Degree in Engineering, Management, Economics, Mathematics or other relevant degree for the function
- Fluent English

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Smart Energy LAB Business Developer Manager (SEL07_2020)

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In order to create the future, we are looking for a **Business Developer Manager**.

As a Business Developer Manager you will:

- Be responsible for commercial activities on products and services developed by the Smart Energy Lab
- Support on business development strategy definition, brand positioning strategy in the value chain and the marketing strategy
- Design the commercial plan for target markets segments
- Identify and contact directly with SEL's potential customers
- Prepare presentations and commercial proposals together with Product Managers
- Negotiate commercial proposals and manage client's profitability
- Identify opportunities for internationalization of products and services
- Participate in national and international fairs and marketing events to publicize SEL brand and enhance notoriety

What we are looking for:

- Focus to achieve results
- Strong experience in business development in the utility sector
- Knowledge on the energy sector, mainly on the downstream of the value chain
- High initiative
- Ability to work independently
- Easiness to interact with clients and stakeholders
- Up to date on innovation trends in the energy sector

Specific Skills Required

- 5-8 years of knowledge in the energy industry (private sector or academia) and experience working in Business Development
- Degree in Engineering, Management, Economy or other relevant degree for the function
- Fluent English

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Smart Energy LAB Hardware Senior (SEL08_2020)

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In order to create the future, we are looking for a **Hardware Senior**.

As a **Hardware Senior** you will perform tasks such as:

- Responsible for R&D of activities related with hardware and support of the technical team
- Study the state of the art in problems identified by the Ideation Managers, Service Design and Product Managers
- Support the preparation of applications for projects financing or business proposals
- Support pre-sale with Product Manager or Business Developer
- R&D for the definition of conceptual design, system requirements, component selection, schematic and layout, functional diagrams in the hardware components that will be part of the solutions to be developed
- Transposition of technical and business requirements for the hardware component of the solution to be developed
- Support the creation of technical requirements and establish partnerships for research or product development
- Control and follow up development performed by external entities
- Development of technical solutions at the hardware level (e.g. chips, cards, hardware protocols, connectors) with a view to create the necessary equipment for the solutions defined for each project
- Assembly and testing of prototypes to put the developed equipment into operation
- Monitoring and support to the entire prototyping process to MVP and MMP in collaboration with the other development teams (engineering and IT)
- Integration of developed components with the business requirements of the future client;
- Creation of technical documentation of the works developed

What we are looking for:

- Innovation mindset
- Strong knowledge on electrical engineering and electronics
- Experience working on hardware related with e.g. batteries, inverters, communication protocols, distributed production, electric vehicle chargers
- Passionate to create new solutions for energy transition and electrification
- Focus to achieve results
- Ability to develop self and others
- Team player
- Leadership skills



Specific Skills Required

- 5-8 years of knowledge in the energy industry producing new equipment
- Degree in Engineering or other relevant degree for the function
- PhD is an advantage
- Fluent English

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Smart Energy LAB Engineering Senior (SEL09_2020)

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In order to create the future, we are looking for an **Engineering Senior**.

As an **Engineering Senior** you will perform tasks such as:

- Responsible for R&D of activities related with Electrical Engineering and development of the technical team
- Study the state of the art in problems identified by the Ideation Managers, Service Design and Product Managers
- Support the preparation of applications for projects financing or business proposals
- Support pre-sale with Product Manager or Business Developer
- Transposition of technical and business requirements in order to define the components specification (hardware and software) of solutions to be developed
- Support the creation of technical requirements and establish partnerships for research or product development
- Control and follow up development performed by external entities
- Development of necessary hardware and software components (e.g. controllers, local gateways, etc. that solve the challenges of solutions to be developed)
- Development of engineering solutions that solve the requirements defined by the Product Manager (e.g. Data acquisition interfaces, controllers, cloud equipment management platforms, hardware and firmware integration based on user friendly interfaces, facilitating interaction with the end user)
- Integration of developed components with the business requirements of the future client;
- Monitoring and support of the entire prototyping process to MVP and MMP in collaboration with the other development teams (hardware and programming)
- Creation of technical documentation of the works developed

What we are looking for:

- Strong knowledge on electrical engineering and IT
- Experience working on creating new products and services regarding e.g. batteries, inverters, communication protocols, distributed production, electric vehicle chargers
- Passionate to create new solutions for decarbonization, energy transition and electrification
- Ability to develop self and others
- Team player
- Leadership skills



Specific Skills Required

- 5-8 years of knowledge in the energy industry producing new products and services
- Degree in Electrical engineering or other relevant degree for the function
- PhD is an advantage
- Fluent English

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Smart Energy LAB Engineering Junior (SEL10_2020)

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In order to create the future, we are looking for an **Engineering Junior**.

As an **Engineering Junior** you will:

- Support the development of solutions for the products to be developed in the three areas in which Smart Energy Lab operates: Distributed resources, Electric Mobility and Flexibility,
- Development of engineering solutions that solve the requirements defined by the Product Manager and the Senior Engineer (e.g. batteries, inverters, electric vehicle chargers, controllers, cloud platforms)
- Creation of components that will be part of the solution to be developed
- Creation of communication protocols between components
- Contribution to a multidisciplinary team, supporting them to achieve the overall success of the project

What we are looking for:

- Knowledge on electrical engineering and IT
- Passionate to create new solutions for decarbonization, energy transition and electrification
- Team player
- Focus to achieve results
- Capable of quality detail work
- Analysis and interpretation ability

Specific Skills Required

- Degree in Electrical engineering or other relevant degree for the function
- Experience in the energy industry (academia or industry) is a plus
- Knowledge on programming is a plus
- Fluent English

Location: Lisbon, Portugal

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Smart Energy LAB Computer Science Senior (SEL11_2020)

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In order to create the future, we are looking for a **Computer Science Senior**.

As a **Computer Science Senior** you will perform tasks such as:

- Responsible for R&D of activities on Computer Science and development of the technical team
- Study the state of the art in problems identified by the Ideation Managers, Service Design and Product Managers
- Support the preparation of applications for projects financing or business proposals
- Support pre-sale with Product Manager or Business Developer
- Support the creation of technical requirements and establish partnerships for research or product development
- Control and follow up development performed by external entities
- Coordination of programming activities in the language defined for the components to be developed (e.g.: Interfaces for data acquisition, control of energy storage generation systems, cloud platforms, SDK for hardware components, learning algorithms capable of optimizing the generation and consumption of decentralized renewable energy solutions, image recognition standards)
- Analysis and design of software to be developed with requirements defined by the Product Manager
- Test and error correction in developed systems
- Application of development methodologies defined by Delivery Manager in agile / scrum streams
- Integration of developed components with the business requirements of the future client;
- Monitoring and support of the entire prototyping process to MVP and MMP in collaboration with the other development teams (engineering and hardware)
- Creation of technical documentation of the works developed

What we are looking for:

- Strong knowledge on IT and programming
- Passionate to create new solutions for decarbonization, energy transition and electrification
- Experience in agile/scrum methodologies
- Team player and with leadership skills
- Ability to develop self and others



**SMART ENERGY
LAB**

Specific Skills Required

- Degree in Computer Science or other relevant degree for the function
- 5-8 years experience (academia or industry)
- Experience working in the energy industry (academia or industry) is valued
- PhD is an advantage
- Fluent English

Location: Lisbon, Portugal

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Apresentação

Angular

Php

Python

Java

Node.js

Outsystems

Azure

Data bricks

ML - Google Cloud ML ; Azure ML

API enegineer | Microserviços



Smart Energy LAB Computer Science Junior (SEL12_2020)

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In order to create the future, we are looking for a **Computer Science Junior**.

As a **Computer Science Junior** you will perform tasks such as:

- Development and implementation of software and programming necessary to create SEL's products and services
- Test and correction of errors in programs and systems developed
- Development of high quality and performant code, using methodologies defined by the Delivery Manager or senior engineers, together with other team colleagues
- Development in close collaboration with other teams with complementary skills for product development and design
- Contribution to a multidisciplinary team, supporting them to achieve the overall success of the project

What we are looking for:

- Passionate to create new solutions for decarbonization, energy transition and electrification
- Good knowledge on programming
- Team player
- Focus to achieve results
- Capable of quality detail work
- Analysis and interpretation ability

Specific Skills Required

- Degree in Computer Science, Computer Engineering or similar Engineering degree.
- Experience in the energy industry (academia or industry) is a plus
- Fluent English

Location: Lisbon, Portugal

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Smart Energy LAB Data Science / AI Senior (SEL13_2020)

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In order to create the future, we are looking for a **Data Science / AI Senior**.

As a **Data Science / AI Senior** you will perform tasks such as:

- Responsible for R&D of activities on Data Science and AI and development of the technical team
- Study the state of the art in problems identified by the Ideation Managers, Service Design and Product Managers
- Support the preparation of applications for projects financing or business proposals
- Support pre-sale with Product Manager or Business Developer
- Support the creation of technical requirements and establish partnerships for research or product development
- Control and follow up development performed by external entities
- Generation of business insights useful for future business decisions
- Use of data to explore new opportunities for creating value
- Analysis of business insights to inform future decisions
- Coordination of the data use to create new products and services leveraged by AI and Big Data (e.g.: learning algorithms capable of optimizing generation and consumption, image recognition patterns, decision algorithms, supervised learning at the level of generating desired outputs based on inputs introduced by users)
- Multi-functional interaction with one of the other SEL employees and project teams

What we are looking for:

- Strong knowledge on Data Science and Data Engineering
- Passionate to create new solutions that improve people's lives
- Curious and creative way for finding solutions
- Experience with several Artificial Intelligence techniques and paradigms is a plus

Specific Skills Required

- Degree in Computer Science, Mathematics, Statistics, Engineering or other relevant degree for the function
- 3-8 years experience (academia or industry)
- PhD is an advantage
- Ability to develop self and others
- Fluent English

Location: Lisbon, Portugal

Apply by sending your **CV** and a **Cover Letter** to info@smartenergylab.pt



Smart Energy LAB Data Science / AI Junior (SEL14_2020)

If you want to be part of the new decade on energy revolution, focusing on the 3Ds (Decarbonization, If you want to be part of the new decade on energy revolution, at Smart Energy LAB you will have the opportunity to have a real impact by creating new products and services that will contribute to energy transition, focusing on the 3Ds (Decarbonization, Decentralization and Digitalization).

Smart Energy LAB is a Collaborative Laboratory (CoLAB) held by EDP Comercial, Accenture, Instituto Superior Técnico, Faculty of Sciences of Lisbon, University of Coimbra, INESC TEC and INESC ID.

Smart Energy Lab has a unique combination of science, technology and industry in the energy sector, focused on creating new products and services for the downstream of the energy value chain.

“We are a green dream factory that will make tomorrow possible, improving life for everyone with new energy solutions through smart collaboration.”

In order to create the future, we are looking for a **Data Science / AI Junior**.

As a **Data Science / AI Junior** you will:

- Support for Data Science / AI Senior
- Perform activities of:
 - Acquisition and systematization of existing data
 - Data processing
 - Data treatment and availability for analysis
 - Image recognition
 - Extraction of information that produces new knowledge
 - Translate data in business decision support language

What we are looking for:

- Passionate to create new solutions that improve people's lives
- Curious and creative way for finding solutions
- Team player
- Capable of quality detail work
- Analysis and interpretation ability

Specific Skills Required

- Degree in Computer Science, Mathematics, Statistics, Engineering or other relevant degree for the function
- Knowledge of the energy industry (academia or industry) is a plus
- Fluent English

Location: Lisbon, Portugal

Apply by sending your **CV** and a **Cover Letter** to info@smartenergylab.pt



Smart Energy LAB Design / UX Junior (SEL15_2020)

If you want to be part of the new decade on energy revolution, at Smart Energy LAB you will have the opportunity to have a real impact by creating new products and services that will contribute to energy transition, focusing on the 3Ds (Decarbonization, Decentralization and Digitalization).

Smart Energy LAB is a Collaborative Laboratory (CoLAB) held by EDP Comercial, Accenture, Instituto Superior Técnico, Faculty of Sciences of Lisbon, University of Coimbra, INESC TEC and INESC ID.

Smart Energy Lab has a unique combination of science, technology and industry in the energy sector, focused on creating new products and services for the downstream of the energy value chain.

“We are a green dream factory that will make tomorrow possible, improving life for everyone with new energy solutions through smart collaboration.”

In order to create the future, we are looking for a **Design / UX Junior**.

As a Design / UX Junior you will:

- Support the Service Design Lead in user experience and service experience design on solutions developed by the Smart Energy Lab
- Support at product discovery stage to design user journey mapping and analyzing UX created by new features
- Support activities to define the relationship with users, from idea generation to product discovery
- Gather and evaluate user requirements, in collaboration with Product Managers and development teams
- Development of user interface models
- Incremental UX improvement based on iterations with other team members
- Performing UI adjustments based on user feedback

What we are looking for:

- Passionate to create new solutions that improve people's lives
- Curious and creative way for finding solutions
- Team player
- Capable of quality detail work
- Analysis and interpretation ability

Specific Skills Required

- Degree in Design, Product Design or other relevant degree for the function
- 1-5 years of experience
- Knowledge of the energy industry (academia or industry) is a plus
- Fluent English

Location: Lisbon, Portugal

Apply by sending your **CV** and a **Cover Letter** to info@smartenergylab.pt