

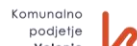


Enershare

The Energy Data Space for Europe

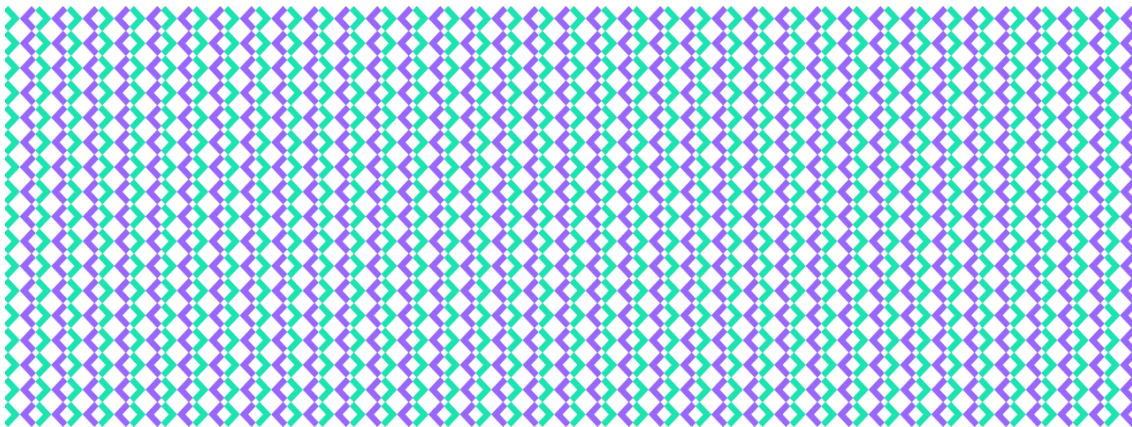
European Common Energy Data Space Framework Enabling Data Sharing - Driven Across – and Beyond – Energy Services

enershare.eu



Enershare has received funding from [European Union's Horizon Europe Research and Innovation programme](#) under the Grant Agreement No 101069831

D11.2 Enershare website



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Publication details

Grant Agreement Number	101069831
Acronym	ENERSHARE
Full Title	European Common Energy Data Space Framework Enabling Data Sharing-Driven Across — and Beyond — Energy Services
Topic	HORIZON-CL5-2021-D3-01-01 'Establish the grounds for a common European energy data space'
Funding scheme	HORIZON-IA: Innovation Action
Start Date	Jul 1, 2022
Duration	36 months
Project URL	enershare.eu
Project Coordinator	Engineering
Deliverable	D11.2 – Enershare website
Work Package	WP11 – Share, connect, attract
Delivery Month (DoA)	6
Version	1.1
Actual Delivery Date	February 28, 2023
Nature	Other
Dissemination Level	PU
Lead Beneficiary	FIWARE
Authors	Tonia Sapia (FIWARE), Kseniia Chernikova (FIWARE)
Quality Reviewer(s)	Isabel Matranga (ENG)
Keywords	Website, EU, Data Space, Energy



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Document History

Ver.	Date	Description	Author	Partner
0.1	Dec, 2022	Draft	Kseniia Chernikova (FIWARE)	
0.2	17.01. 2023	Reviewed	Alberto Abella (FIWARE)	Massimo Bertoncini (Engineering)
0.3	20.01.2023	Quality Check		Isabel Matranga (Engineering)
1.0	20.01.2023	Final version	Tonia Sapia, Kseniia Chernikova (FIWARE)	Massimo Bertoncini (Engineering)
1.1	28/02/2023	Revised version to address comments by PO	Kseniia Chernikova (FIWARE)	

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Table of Contents

1	110	
1.1	110	
1.2	132	
2	133	
3	Site Map	13
4	Content	15
4.1	Homepage	
4.1.1	Section 1: Moto	15
4.1.2	Section 2; About	18
4.1.3	2121	
4.1.4	Section 4: Consortium Partners descriptions	21
4.1.5	Section 5: Drop a line	28

List of Figures

●	Executive Summary	10
1	Introduction	11



○ 1.1 About the project	11
○ 1.2 About this document	13
2 Website goal and concept	13
3 Site Map	14
4 Content	15
■	15
■ The Energy Data Space for Europe.	15
■ 4.1.2. SECTION 2. About	18
● News and Press	20
○ News (should be written in the blogpost format and related to all events and new information about the project):	21
1. Enershare will participate in Enlit 2022;	21
2. Common European Energy Data Space: The second Plenary Meeting of 2. Enershare project took place in Lisbon.	21
○ Press:	21
■ Press release “Enershare project received 8 million euros to develop the first Common European Energy Data Space”.	21





LATEST UPDATES



Stay up-to-date

Read and watch the latest project news and what others are saying about us.

News

Press

Enershare will participate in Enlit 2022

NOV 28, 2022

Enershare will participate in EnLit, one of the leading congresses on digital innovations in Energy, taking place on 29 November - 1 December, 2022 (Frankfurt). ...

Common European Energy Data Space: The second Plenary Meeting of Enershare project took place in Lisbon

NOV 16, 2022

Representatives of 31 international organisations from the energy industry and science led by ENGINEERING met at the Plenary Meeting in Lisbon to discuss and overview...

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- 21
- 21
- **4.1.3. SECTION 3: Resources** 21
- **4.1.4. SECTION 4: Consortium Partners description** 22
- **4.1.5. SECTION 5: Drop a line** 29
- Subtitle: 29
- CTA: Contact Us 29
- Figure 6: Contact us 30



List of Acronyms

Abbreviation / Term	Description
ENG	ENGINEERING - INGEGNERIA INFORMATICA SPA
RWTH	Rheinisch-Westfaelische Technische Hochschule Aachen
ED	European Dynamics Luxembourg Sa
EDAT	European Dynamics Advanced Information Technology And Telecommunication Systems Sa
FhG	Fraunhofer Gesellschaft zur Forderung Der Angewandten Forschung Ev
TECNALIA	Fundacion Tecnalia Research & Innovation
INESC TEC	Instituto De Engenharia e Sistemas e Computadores, Tecnologia e Ciencia
SEL	Smart Energy Lab - Association
TNO	Nederlandse Organisatie Voor Toegepast Natuurwetenschappelijk Onderzoek TNO
NTUA	Ethnicon Metsovion Polytechnion
COMS	Comensus, Komunikacije In Sensorika, Doo
Envirodual	Envirodual, Trajnostno Okoljsko In Energetsko Upravljanje, Raziskave In Izobrazevanje, D.O.O.
SIN	Smart Innovation Norway As
FIWARE	Fiware Foundation Ev
IDSa	International Data Spaces Ev
NESTER	Centro De Investigacao Em Energia Ren - State Grid Sa
ASM	Asm Terni Spa
ELES	Eles Doo Sistemski Operater Prenosnega Elektroenergetskega Omrezja



DEPA	Depa Commercial Sa
ACE	Cluster De Energia
EMOT	Emotion SRL
HINE	Hine Renovables SI
EDF	Electricite De France
KPV	Komunalno Podjetje Velenje Doo
FORTUM	Fortum Oyj
NOKIA	Nokia Oyj
EKC	Elektro Celje D.D.
EKL	Elektro Ljubljana Podjetje Zadistribucijo Elektricne Energije D.D.
LEIF	Vides Investiciju Fonds Sia
BDVA/	The Big Data Value Association/Data, AI and Robotics
DOEAP	Digitalisation of Energy Action Plan
ETIP SNET	European Technology & Innovation Platforms
WP	Work package
D	Deliverable
PU	Public
EC	European Commission
WP	Work Package



● Executive Summary

The Enershare website has been developed to reach the communication objectives of the Enershare project. The website plays an important role as one of significant official communication tools. The content of the website presents the main information about the project overall, key messages, the project news and description of each Consortium Partner.

The deliverable is divided into different sections.

- About the project;
- Introduction;
- Site Map;
- Content:
 - Homepage
 - SECTION 1: Moto;
 - SECTION 2: About;
 - SECTION 3: Resources;
 - SECTION 4: Consortium Partners descriptions;
 - SECTION 5: Drop a line, questions.



1 Introduction

○ 1.1 About the project

The Enershare project is aiming at developing, deploying and validating the first-of-its-kind Reference Implementation of the European Common Energy Data Space along a variety of different cross-domain pilots to facilitate, speed up and enable the transition towards the smarter, sectors-integrated, decarbonized and participatory energy system of the future.

The main goal of the project is to develop and demonstrate a European Common Energy Data Space which will deploy an ‘intra-energy’ and ‘cross-sector’ interoperable trusted Energy Data Ecosystem.

The major outcomes that are expecting to be achieved:

- 1) **Enershare Technological, social, and business/governance framework** which consists of:
 - **A technological Reference Implementation (RI) for a Common European Data Space** adapted to the energy sector, which:
 - leverages on, adapts, evolves, and specifically validates leading-edge Data Space architectures (including IDSA, GAIA-X, FIWARE);
 - enables trusted, secure and sovereign data sharing and exchange among energy and non-energy stakeholders;
 - while spanning over Intra-Energy Data Space for ‘intra-electricity’/‘across energy sector’ and Cross-Sector Data Space for beyond energy, cross-sector data sharing.
 - 2) **A SSH-driven ensemble of tools and techniques** combining **sharing economy, co-creation and Design Thinking** to bring energy consumers center stage, engage and motivate them to share their energy data, through:
 - Consumer-centric value-added data-driven service and multi-dimensional data sharing financial and **non-financial incentive design**;
 - **P2P coordination blockchain-enabled marketplace models** for heterogeneous tokenised data and services versus energy and non-energy assets/services reciprocal exchange and compensation;
 - Design of decentralised data governance stakeholders market roles at the interplay among data and energy value chains (i.e. Energy Data Cooperatives) to overcome the reluctance of consumers to share data.
 - 3) **A Business layer** focusing on designing and validating:
 - Innovative **participatory business models**, which will allow **financial and non-financial data value spreading** and sharing along the Data Value Chain stakeholders;
 - **New data-driven value proposition creating additional revenues** from energy and non-energy services



- A variety of **Data Space governance models**, which establish the relationships, the responsible stakeholders and the trust among Data Space owners and operators, ranging from **centralised**, to **decentralised** and **hybrid semi-decentralised** models.

The Enershare project, led by digital transformation key player [ENGINEERING](#), comprises thirty-one consortium partners from **Finland, France, Germany, Greece, Italy, Latvia, Luxembourg, The Netherlands, Norway, Portugal, Slovenia, and Spain**. They are international organizations from energy sector, relevant industries, research institutions and academies as well as providers of digital transformation services in open standards and various energy sectors analysis: [Asm Terni S.p.A](#), [Basque Energy Cluster](#), [Comensus](#), [Depa Commercial](#), [Electricite De France](#), [Elektro Celje](#), [Elektro Ljubljana](#), [Eles](#), [Emotion](#), [Engie](#), [Envirodual](#), [European Dynamics Luxembourg](#), [European Dynamics](#), [FIWARE Foundation](#), [Fortum](#), [Fraunhofer-Gesellschaft](#), [Hine Renovables](#), [INESC TEC](#), [International Data Spaces Association](#), [Komunalno Podjetje Velenje](#), [National Technical University of Athens](#), [Nokia](#), [R&D Nester](#), [RWTH Aachen](#), [Smart Energy Lab](#), [Smart Innovation Norway](#), [Tecnalia Research and Innovation Foundation](#), [The Latvian Environmental Investment Fund](#), [TNO](#), [Trialog](#). Among them:

- Three large ICT Companies (**ENG, ED, NOKIA**), leading on advanced ICT and dataspace technologies;
- A variety of **Energy Value chain stakeholders** covering the **full energy value chain**:
 - 2 Electricity TSOs (**ELES, NESTER/REN**);
 - 1 Gas TSO (**DEPA**);
 - 3 Electricity DSOs (**ASM, EKL, EKC**);
 - 1 District Heating Network Operator (**KPV**);
 - 3 Large Utilities (**EDF, ENGIE, FORTUM**);
 - 1 Financing Institution/ESCO (**LEIF**);
 - 1 Energy Service Provider (**SEL**).
- Research and Academy Institutions (**FhG, RWTH, TNO, NTUA, INESC TEC, TECNALIA**);
- EU-level foundations/associations leading on data space technologies integration, upscale, promotion and standardization (**IDSa, FIWARE, ACE**);
- Social Sciences and Humanities (**SSH**) (**SIN, TNO**);
- Five leading-edge SMEs focused on:
 - privacy-preserving data management (**TRIALOG**);
 - integration of geographical data sources and GISs (**ENVIRODUAL**);
 - e-mobility and EVs recharging solution provider (**EMOT**);
 - data-driven automated energy edge/IoT metering (**COMS**);
 - hydraulic systems manufacturing and Digital Twins (**HINE**).

Enershare leverages on the one of the most important on the European market DataSpaces groundbreaking initiatives such as:

1. **BRIDGE** Data Management WG (DERA v2.0);
2. **GAIA-X** – Energy Data Space WG -> Visionary Use cases;



3. **BDVA/DAIRO** - TF Energy;
4. **IDSA** – open architecture and contractual framework for secure exchange and trusted sharing of data through data sovereignty;
5. **OPEN DEI** – Converging guidelines on design principles for data spaces;
6. **FIWARE** Smart Energy Vertical Reference Architecture;
7. **ETIP SNET**- Energy Digitazion WG4;
8. **Digitalisation Of Energy Action Plan (DOEAP)**.

○ 1.2 About this document

This deliverable describes the goals, content and structure of the Enershare website.

2 Website goal and concept

The name of the official **website** [www.enershare.eu](https://enershare.eu) (URL <https://enershare.eu/>) relates to the project and presents the most important information outcomes and milestones reached in the project.

Websites play, together with the project logo, a significant role as visual identity of the project. The website, in particular, is an integrated tool for the activities of both dissemination and communication.

The main goal is to collect and present the main and official information about the project in order to increase awareness of the project.

The website address is included in all official communication materials to provide direct access to the official information and increase awareness about the project.

The Enershare web page consists of visual and textual information that helps to provide **short reports, announcements, photos, news and links to downloads** (e.g. for the project public deliverables and white papers), **blog posts**.

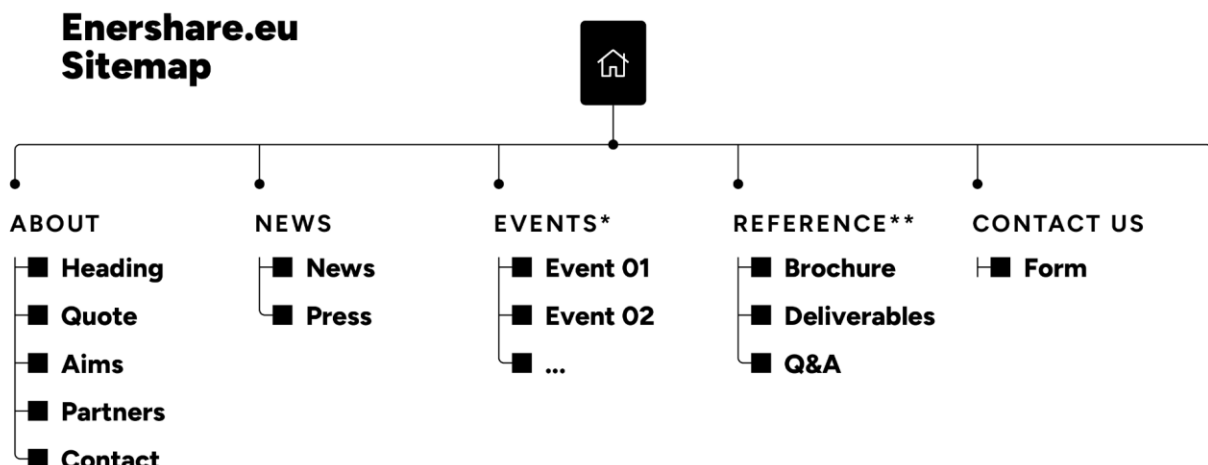


3 Site Map

The Enershare Site Map consist of the sections that present an important information, among them:

1. Homepage
2. About
3. News
4. Events
5. Resources
6. Newsletter
7. Contact Us
8. Privacy Policy
9. Terms and Conditions

Figure 1: Sitemap



* The Events Page is active only if there are events

** The Reference Page still need to be designed, as there is no content enough.



4 Content

4.1.1. Homepage. SECTION 1: Motto

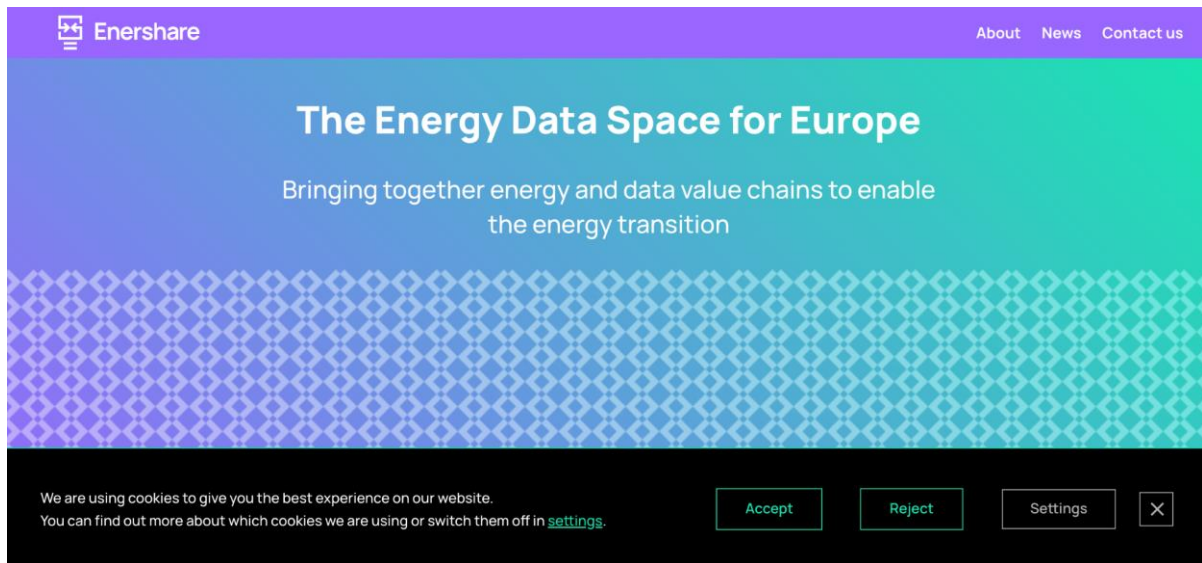
-
- The Energy Data Space for Europe.

Reference Architecture for European energy Data Space by bringing data value chain perspective, trust and interoperability .

Figure 2: Home page:first view



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Project description:

The overall vision of ENERSHARE is to **develop and demonstrate a European Common Energy Data Space** which will deploy an ‘intra-energy’ and ‘cross-sector’ interoperable and trusted Energy Data Ecosystem. Private consumers, business (energy and non-energy) stakeholders and regulated operators will be able to access, share and reuse, based upon voluntary agreements (or legal obligations where such obligations are in force): (a) Large sources of currently fragmented and dispersed data; (b) Data-driven cross-value chain (energy and non-energy) services and Digital Twins for various purposes. ENERSHARE will leverage on, incorporate and adapt to the energy sector the Data Commons systems paradigm (i.e. Data Spaces, Data Pools), which co-locate data, storage and computing infrastructures with commonly used services and tools for analyzing and sharing data to create interoperable resource. The resulting ENERSHARE Data Space will deploy a technological, social, and business/governance framework which consists of: A technological Reference Implementation for a Common European Data Space adapted to the energy



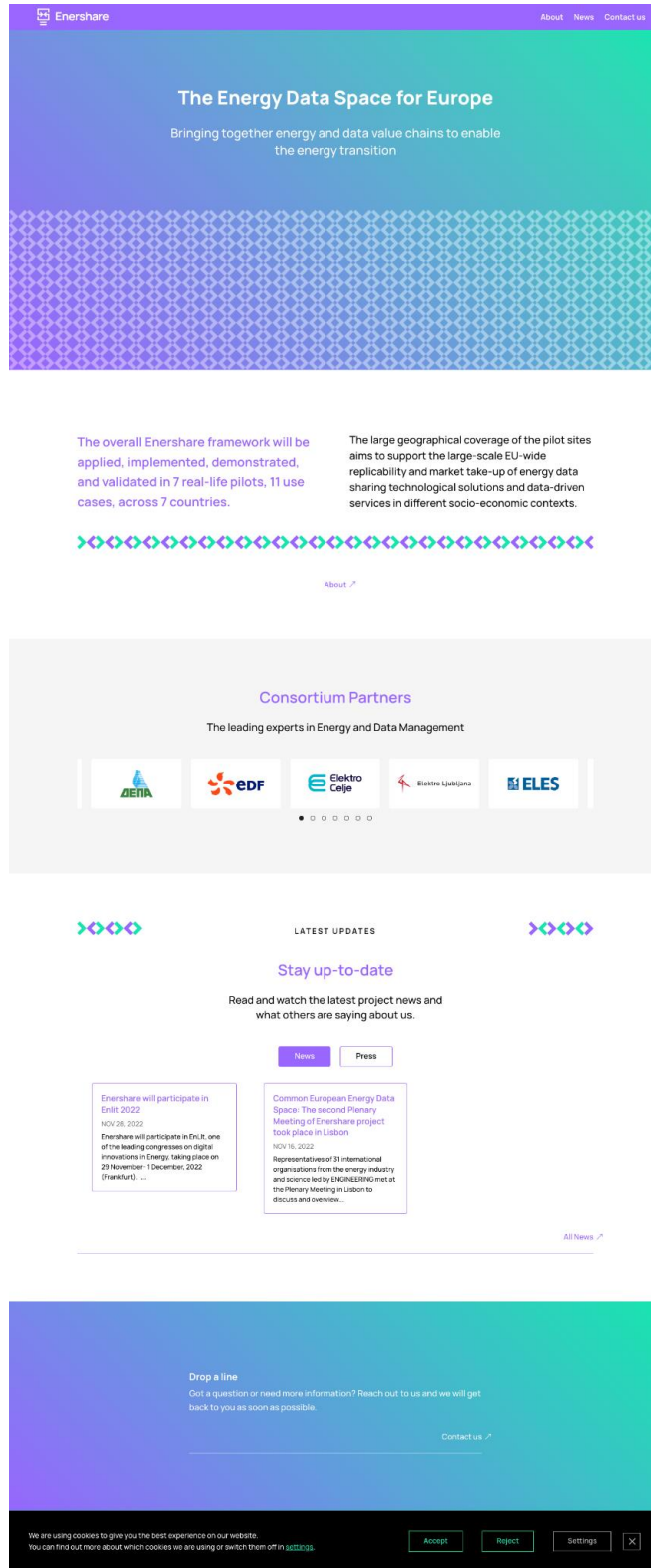
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sector, which leverages on, adapts, evolves, and specifically validates leading-edge Data Space architectures (incl. IDSA and GAIA-X), as well as underlying open-source technological implementations for domain agnostic data-oriented technology components. It will be implemented over a set of complementary use cases, covering energy value chain, and addressing a variety of interaction with other non-energy sectors (financial, healthcare, water, and mobility sectors).

Figure 3: Home page



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■ 4.1.2. SECTION 2. About



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The overall ENERSHARE framework will be applied, implemented, demonstrated, and validated in **7 real-life pilots, 11 use cases, across 7 countries.**

The large geographical coverage of the pilot sites aims to support the large-scale EU-wide replicability and market take-up of energy data sharing technological solutions and data-driven services in different socio-economic contexts.

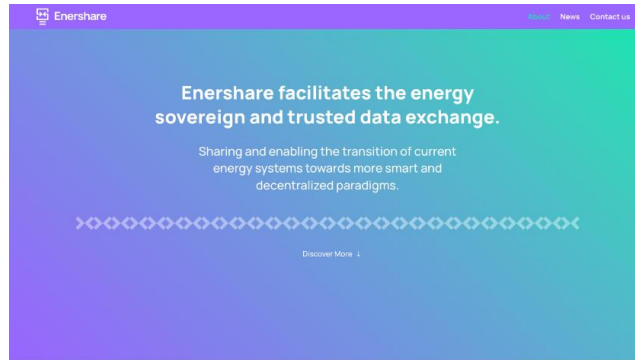
Objectives of ENERSHARE are to provide:

- 1) across-energy and cross-sector data enhancement technology enablers, standardizable interfaces and open APIs by leveraging **Open Standards** (e.g. ETSI Context Broker) and ontologies (e.g. SAREF);
- 2) trust-related connectors, to ensure privacy, confidentiality, **Cybersecurity**-preserving trust, sovereignty and complete control of data;
- 3) **Blockchain**/smart contract-enriched marketplace for data versus Energy assets/services coordination, sharing, exchange, and beyond **financial compensation**;
- 4) cross-value chain value-added services and **Digital Twins**, by leveraging privacy-preserving federated learning, integrating and deploying them within a Reference Implementation of a European Energy Data Space, which will be demonstrated along **7 pilots and 11 intra-electricity**, intra-energy, and beyond **Energy use cases**;
- 6) co-designed SSH-based consumer-centric business models for Energy data **sharing enabling data** beyond financial value creation and **spreading along the value chain**
- 7) the foundation for the European Energy Data Space setup, through alignment with **EU-level relevant initiatives** (GAIA-X, IDSA, BDVA, ETIP SNET, BRIDGE), contributing to **Data Space standardization** and boosting a level playing field for **Data Sharing**.

Figure 4: About



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'One of the key actions presented in the EC Recommendation for Energy System Integration is to streamline and deploy a Digitalisation of Energy Action Plan which could accelerate the implementation of digital solutions along a more integrated energy system, by leveraging on the seamless and interoperable data-driven interaction among energy and beyond stakeholders. Such huge demand for information requires new concepts, architectures, solutions, governance and business models suitable to the energy domain on how to share, trust and exchange data efficiently among and across energy and non-energy stakeholders. Mission of Enershare is to develop a Common European Energy Data Space to solve these challenges and to make the energy industry digital, secure and sustainable.'



Massimo Bertoncini
R&D Opportunities Manager
[LinkedIn](#)



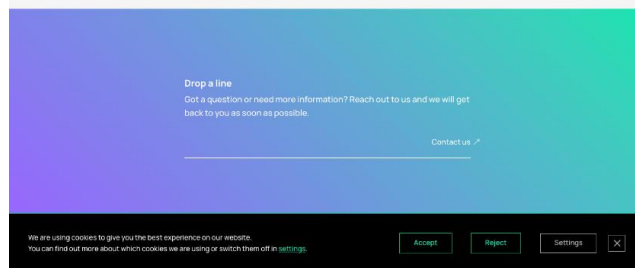
PROJECT AIMS

Enershare defines a Data-Driven Reference Architecture for the energy domain, which is compliant with FIWARE, IDSA and GAIA-X. It creates a marketplace based on Blockchain and Smart Contracts with the aim of improving mutual trust amongst the actors of the ecosystem and increasing the security of the shared data. It also enables a compensation system (even non-monetary) of assets and resources related to data (e.g., datasets, algorithms, models) with energy assets and services (e.g., maintenance of heating system, surplus transfer of locally self-produced energy).

- Across-energy and cross-sector data enhancement technology enablers, standardisable interfaces and open APIs by leveraging Open Standards (e.g. ETSI Context Broker) and ontologies (e.g. S4SEF).
- Trust-related connectors, to ensure privacy, confidentiality, Cybersecurity-preserving trust, sovereignty and complete control of data.
- Blockchain/smart contract-enriched marketplace for data versus Energy assets/services coordination, sharing, exchange, and beyond financial compensation.

PROJECT PARTNERS

The leading experts in Energy and Data Management



• News and Press



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What's happening in the world of data? Stay up to date with Enershare..

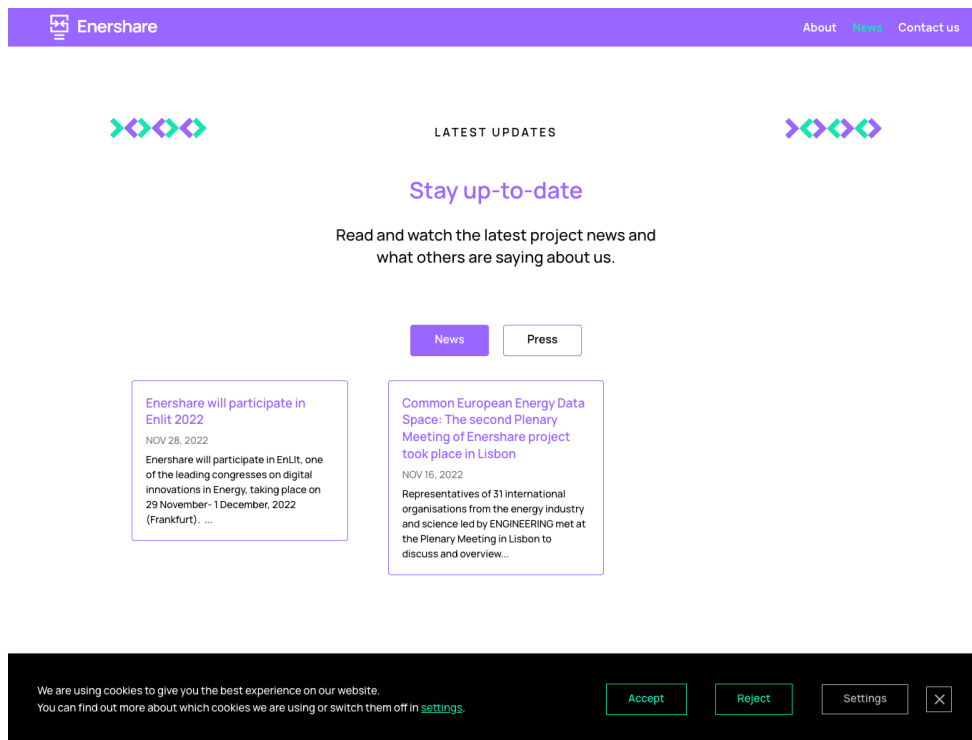
- **News** (should be written in the blogpost format and related to all events and new information about the project):

1. [Enershare will participate in Enlit 2022](#);
2. [Common European Energy Data Space: The second Plenary Meeting of 2. Enershare project took place in Lisbon.](#)

- **Press:**

- Press release “Enershare project received 8 million euros to develop the first Common European Energy Data Space”.

Figure 5: News



■

■ 4.1.3. SECTION 3: Resources



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The “Resources” section allows the website visitors to see and download the project publications, reports and additional materials, such as “Brochure”, “Brand Guideline”. This section is updating according to the project development and availability of the new materials accordingly.

■ 4.1.4. SECTION 4: Consortium Partners description

- Engineering Ingegneria Informatica / **ENG** - coordinator - <https://www.eng.it/>

With 12,000 professionals in 65 offices in Europe, the USA, and Latin America, ENG develops and manages solutions for the business areas where digitalization generates the greatest changes, such as Government and E-Health, Smart Cities, and Smart Energy.

- RHEINISCH-WESTFAELISCHE TECHNISCHE HOCHSCHULE - AACHEN/
RWTH - <https://www.rwth-aachen.de/go/id/a/?lidx=1>

At RWTH Aachen University, the Institute for Automation of Complex Power Systems focuses on research for the automation, modernisation and restructuring of electrical energy systems implementing a multidisciplinary research approach able to capture the most recent advances in ICT to support the solution of the most challenging problems in the area of grid dynamics and automation.

- EUROPEAN DYNAMICS LUXEMBOURG SA/ **ED** - <https://www.eurodyn.com/>

ED provides ICT solutions and software products. ED designs, develops, markets, implements and maintains software products and solutions using integrated, state-of-art technology for governments, public organizations and private enterprises.

- EUROPEAN DYNAMICS ADVANCED INFORMATION TECHNOLOGY AND
TELECOMMUNICATION SYSTEMS SA / **EDAT** - <https://www.eurodyn.com/>



- FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV/ **FhG** - <https://www.fraunhofer.de/en.html>

The FhG is the leading organization for applied research in Europe. Its research activities are conducted by 72 institutes and research units at locations throughout Germany. Around 70 percent of the Fraunhofer-Gesellschaft's contract research revenue is derived from contracts with industry and publicly financed research projects.

- FUNDACION TECNALIA RESEARCH & INNOVATION / **TECNALIA** - <https://www.tecnalia.com/en/>

TECNALIA Research and Innovation is a private, non-profit, applied research centre of international excellence with a strong market orientation aimed at achieving a major impact in economic terms, through innovation and technological development.

- NESC TEC - INSTITUTO DE ENGENHARIA DE SISTEMAS E COMPUTADORES, TECNOLOGIA E CIENCIA/ **INESC TEC** - <https://www.inesctec.pt/pt>

INESC TEC is a private non-profit research institution dedicated to scientific research and technological development, technology transfer, advanced consulting and training, and pre-incubation of new technology-based companies. It specializes in Power and Energy, Computer Science, Industrial and Systems Engineering, and Networked Intelligent Systems.

- SMART ENERGY LAB - ASSOCIATION / **SEL** <https://www.smartenergylab.pt/>

SEL is a green dream factory for any new or improved product, service or process that contributes to accelerating energy transition, reducing transaction costs, through technology and user adoption for any B2B2X in the New Energy Downstream. With associates from industry and academia, SEL defines the perfect



ecosystem to succeed in creating new products and services.

- NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK/ **TNO** - <https://www.tno.nl/en/>

TNO, the largest organisation for multidisciplinary applied scientific research in the Netherlands, connects people and knowledge to create innovations. This is how we strengthen the competitiveness of companies and the welfare of society in a sustainable way.

- ETHNICON METSOVION POLYTECHNION/ **NTUA** - <https://www.epu.ntua.gr>

NTUA is a multidisciplinary scientific unit within the School of Electrical and Computer Engineering. Operating for more than 25 years, the lab has acquired international experience in several sectors such as Energy, Environmental Policy, Information Technology and Decision Support Systems with a specialization in e-Business and e-Government, Interoperability, etc...

- TRIALOG / **TRIALOG** - <https://www.trialog.com/en/home>

Trialog is a consulting company which provides expertise in innovation for system specification and validation, interoperability, IoT, cyber-security and privacy by design, in embedded and industrial systems. Our work mainly focuses on three domains: Energy, Transport and Social & Health.

- COMSENSUS, KOMUNIKACIJE IN SENZORIKA, DOO/ **COMS**
<https://www.comsensus.eu/>

- ENVIRODUAL, TRAJNOSTNO OKOLJSKO IN ENERGETSKO UPRAVLJANJE, RAZISKAVE IN IZOBRAZEVANJE, D.O.O. / **Envirodual** <https://epa.si/>

Envirodual Ltd works at a local and global level on our main areas of expertise - climate, environmental and energy solutions, digitalisation and decarbonisation.



Envirdual is focused on digitization of energy consumption and air quality data within the development of innovative Smart City Energy platform.

- SMART INNOVATION NORWAY AS / **SIN** -
<https://en.smartinnovationnorway.no/>

SIN is a non-profit research and innovation company, which works for the green shift and new, sustainable workplaces. SIN applies research, innovation and commercialisation within sustainable energy, applied artificial intelligence, digital entrepreneurship, smart cities and social and behavioral innovation

- FIWARE Foundation / **FF** <https://www.fiware.org/>

With >550 members and strategic partners, FF gives the definition of Open Source and implementation of key open standards that enable the development of portable and interoperable smart solutions avoiding vendor lock-in scenarios.

- INTERNATIONAL DATA SPACES EV / **IDSA** -
<https://internationaldataspaces.org/>

IDSA is a coalition of more than 135 member companies that share a vision of a world where all companies self-determine usage rules and realize the full value of their data in secure, trusted, equal partnerships. The objective of IDSA is a global standard for International Data Spaces and interfaces, fostering the related technologies and business models that will drive the data economy of the future.

- CENTRO DE INVESTIGACAO EM ENERGIA REN - STATE GRID SA / **NESTER** -
<https://www.ren.pt/>

NESTER is an energy research, development and innovation center co-owned by the Portuguese TSO, REN, focused in providing an international platform for knowledge, delivering innovative solutions for energy systems. The main areas of activity are power systems simulation, planning, operation and digitalization, renewable energy integration and energy markets.



- ASM TERNI SPA / **ASM** - <https://www.asmterni.it/>

ASM Terni S.p.A. is a public multi-utility, owned by the Municipality of Terni. Its water distribution system serves 86,000 customers, and operates the gas distribution network as well as the local power distribution grid. ASM Terni provides eight districts with solid waste collection services, waste disposal, transportation and street sweeping.

- ELES DOO SISTEMSKI OPERATER PRENOSNEGA ELEKTROENERGETSKEGA OMREZJA/ **ELES** <https://www.eles.si/>

ELES is an integral part of the Slovenian electrical power industry. ELES preserves the balance between generated and consumed power, 24 hours per day, year in, year out. By managing the entire Slovenian Transmission network, ELES ensures the safe, reliable and continuous transmission of electrical power.

- ENGIE/ **ENGIE** - <https://www.engie.com/en>

Angie accelerates the transition towards a carbon-neutral world, through reduced energy consumption and more environmentally-friendly solutions. Inspired by our purpose ("raison d'être"), we reconcile economic performance with a positive impact on people and the planet, building on our key businesses (gas, renewable energy, services) to offer competitive solutions to our customers.

- DEPA COMMERCIAL SA/ **DEPA** - <https://www.depa.gr/?lang=en>

DEPA with its wide experience, has a strong presence in the broader energy scene. Established in 1988, it has transformed into a group of companies active in the natural gas and electricity industry, successfully responding to the challenges of the liberalized market.

- CLUSTER DE ENERGIA / **ACE** - <http://www.clusterenergia.com/>

ACE is a non-profit organization operating in the Basque Country.



Its mission is to improve the competitiveness of companies in the Energy sector – particularly SMEs - by facilitating business collaboration along the value chains and seeking public-private partnerships.

- EMOTION SRL/ **EMOT** - <https://emotion-team.com/>

EMOT Srl develops and commercializes products and services for electric vehicle charging. Emotion has developed frontline and reliable solutions in the field of e-Mobility, such as its charging stations and the web platform for managing the charging as well as the mobile App.

- HINE RENOVABLES SL / **HINE** - <https://www.hinegroup.com/es/>

HINE supplies hydraulic systems and components for renewable energy companies. The company's in-house engineering team, extensive R&D portfolio, and global manufacturing capabilities deliver competitive hydraulic solutions to customers worldwide. We are in; China, Spain, the USA Brazil, India, and Mexico.

- ELECTRICITE DE FRANCE / **EDF** <https://www.edf.fr/>

EDF is a French multinational electric utility company specialized in electricity, from engineering to distribution. EDF include the following: electricity generation and distribution; power plant design, construction and dismantling; energy trading; and transport. It is active in such power generation technologies e.g. nuclear power, hydropower, marine energies, wind power, solar energy.

- KOMUNALNO PODJETJE VELENJE DOO / **KPV** - <https://www.kp-velenje.si/>

KPV carries out utility activities as a public utility service for the needs of users in the Šaleška valley. KPV performs activities of water collection, treatment and distribution, sewerage and sewage treatment plants, public hygiene activities, supply of gaseous fuels through the gas network, steam and hot water supply, and funeral activities.

- FORTUM OYJ / **FORTUM** - <https://www.fortum.com/>



Fortum provides its customers with electricity, gas, heating and cooling as well as Smart Solutions to improve resource efficiency. Fortum is securing a fast and reliable transition to a carbon-neutral economy by providing customers and societies with clean energy and sustainable solutions.

- NOKIA OYJ / **NOKIA** - <https://www.nokia.com/>

As a trusted partner for critical networks, Nokia is committed to innovation and technology leadership across mobile, fixed and cloud networks. The company creates value with intellectual property and long-term research, led by the award-winning Nokia Bell Labs. Adhering to the highest standards of integrity and security, Nokia helps to build the capabilities needed for a more productive, sustainable, and inclusive world.

- ELEKTRO CELJE D.D./ **EKC** - <https://www.elektro-celje.si/si/>

EKC is a part of the electric power system of the Republic of Slovenia. EKC is in charge of the supervision, management and operation of the electricity distribution network, as well as maintenance, construction and refurbishment of electric power distribution lines and devices in an area extending over 4,345 km², or 22 % of the total territory of Slovenia. The dispersed lines and devices are supplying over 175,000 customers.

- ELEKTRO LJUBLJANA PODJETJE ZADISTRIBUCIJO ELEKTRICNE ENERGIJE D.D / **EKL** - <https://www.elektro-ljubljana.si/>

EKL performs several (i.e. statutory) network activities and provides a wide range of commercial services related to the electricity infrastructure in central and south-east Slovenia. EKL operates the largest distribution network in Slovenia. With electricity infrastructure that covers 30.4 % of the country, making sure that electric power reaches every part of central and southeast Slovenia.

- VIDES INVESTICIJU FONDS SIA / **LEIF**



The Fund has worked with the development of different environment protection and environment-friendly projects from idea until its implementation for over 20 years. Activities are directed to reach maximal environmental improvement, supporting commercial activities in the public and private sectors, stimulating financing attraction for project realization for environmental and business infrastructure development.

- **4.1.5. SECTION 5: Drop a line**

- **Subtitle:**

Got a question or need more information? Get in touch with us and we will get back to you as soon as possible.

- **CTA: Contact Us**



Enershare has received funding from European Union's Horizon Europe Research and Innovation programme under the Grant Agreement No 101069831



○ Figure 6: Contact us

