



# CELTIC-NEXT



## Proposers Brokerage Day

24<sup>th</sup> February 2025, Barcelona

**ETHICA: Digital Product Passport for ESG  
Transparency, Harmonized Intelligence,  
Compliance, and Auditability**

### ETHICA



ARTECH

International

**Suna AKBAYIR**

**[suna@artechconsulting.net](mailto:suna@artechconsulting.net)**

# Artech International



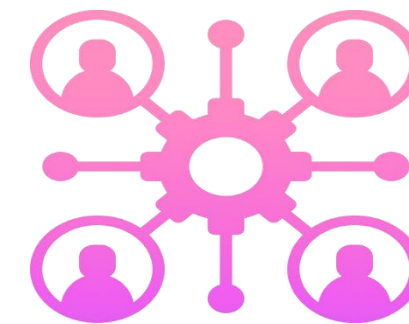
SME  
Brussels,  
Belgium

Finalized & Ongoing National, EIT Urban Mobility & Manufacturing, Horizon Europe, Digital Europe projects.



*Active DPP projects;*

- *BASE (Horizon Europe)*
- *5G4PHEALTH (Celtic Next)*  
**(Coordinator)**
- *MainVerse (XECS)*



**Member & Deep  
Integration of Tech  
Communities:**

- *European Automotive Research Partners Association (EARPA)*
- *Big Data Value Association (BDVA)*
- *AI, Data and Robotics Association (ADRA)*
- *FIWARE*
- *Clean Hydrogen Alliance*
- *HydrogenEurope*
- *Hub Brussels*


## The Digital Product Passport



- ◆ *AI-powered, automated ESG & compliance reporting*
- ◆ *Secured traceability*
- ◆ *Harmonized compliance framework – complex EU regulations (ESPR, CSRD, EPR, Battery Passport, WEEE, etc.)*

 *For Industry & Manufacturers – Automate compliance tracking, reduce ESG reporting workload*

 *For Tech Providers – Innovate with AI, Blockchain, IoT & Digital Twins in ESG & Circular Economy*

 **Digital Product Passport (DPP)** is a digital identity for products, designed to provide detailed information about their entire lifecycle. DPP aims to increase transparency and accountability in product manufacturing and supply chains, promoting sustainable practices and helping consumers make informed choices.

# ETHICA Proposal

*ETHICA envisions a trusted, AI-powered compliance ecosystem that ensures transparent, auditable, and secure ESG reporting using Digital Product Passports (DPPs). By integrating AI, Blockchain, IoT, and Digital Twins, ETHICA harmonizes compliance across complex EU regulations (ESPR, CSRD, EPR, Battery Passport, WEEE, etc.), supporting sustainability, circular economy, ar*



# ETHICA: DPP for ESG Transparency, Harmonized Intelligence, Compliance, and Auditability

*Duration: 36 Months*

*Expected Outcomes: AI-driven compliance framework, Hybrid-securization, consolidated regulatory reporting, Circular economy integration.*

-  *Cost-Efficient: reduction in compliance costs; automated data collection & verification*
-  *Market Trust: Ensures reliable & auditable sustainability claims*
-  *Interoperability: Seamless integration with ERP, ESG platforms, and certification.*

## ***Existing consortium members & involved countries:***

 *ongoing dicussion with different countries and profiles from*

## **BETRM TSE**

*Expertise, profiles and types of partners we are looking for;*

- Compliance and Regulation Tech Experts,*
- OEMs and suppliers in the area of Automotive,*
- OEMs and suppliers in the area of Electronics,*
- Textile Manufacturers and suppliers,*
- Construction companies and suppliers*

# Contact Info

**For more information and for interest to participate please contact:**

Ms. Suna AKBAYIR  
suna@artechconsulting.net  
+32470553576  
Rue de la Presse 4, Brussels  
Belgium  
www.artechconsulting.net



**Presentation is available via:**

