



Dyne.org, RIDDLE&CODE and InfoCert's consortium appointed to take EBSI to the next level

Amsterdam, September 21st, The consortium formed by [Dyne.org](#), [RIDDLE&CODE](#) and [InfoCert](#), has been selected by the European Commission as one of seven contractors to develop the next version of the [European Blockchain Services Infrastructure \(EBSI\)](#).

The [award](#) is one more milestone in the consortium's track record of excellence with cryptography and blockchain, after Dyne.org led the flagship H2020 project [DECODE](#), RIDDLE&CODE's blockchain solutions are deployed in banking and utility markets Europe wide and InfoCert being the largest Certification Authority at European level and eIDAS certified QTSP.

The European Commission's vision for EBSI is to leverage distributed ledger technologies to create international and intra-communautaire services for public administrations. The European Blockchain Partnership aims to scale the investment fund to a fully developed [platform](#) with up to €2 billion in funding.

The consortium led by the non-profit foundation Dyne.org is developing a multilayered network of blockchains for distributed secure execution of smart contracts, including edge-computing scenarios deployed on low-power embedded devices and chips. The blockchain-agnostic solution offers compatibility with a wide range of products to grant freedom of choice to participating member states and solution developers. Existing integrations include BigchainDB, Ethereum, Hyperledger Fabric, Hyperledger Sawtooth and Bitcoin.

Dyne.org's [Zenroom](#) is the core component of the solution. Its portable and secure smart-contract execution environment works standalone (zero dependency) even in a web browser. It can be [programmed in a language similar to plain English](#) and guarantees to be functional and portable for two decades to come. [Dr. Francesca Bria](#), president of the Italian National Innovation Fund [Cassa Depositi e Prestiti](#) comments: *"Zenroom stands for Citizen Crypto. It is a core part of the DECODE tech stack for Smart Cities and it makes it easy to understand the complexity of data transformation while being compatible with any platform, including Legacy Infrastructure. We make Crypto for Citizens and we make it Open Source."*



Each member of this consortium gathers together a mature experience developing and deploying industrial standards, as well as facilitating open source community adoption of technologies, including the presence in major blockchain standardisation initiatives such as ISO TC/307, INATBA, W3C and Sovrin.

The combination of blockchain-specific hardware solutions for critical infrastructures, developed by RIDDLE&CODE, will help turn data sources into trusted ones and lay the foundation for EBSI's automated processes and scalability. The combination of InfoCert's leadership and scale when providing services for digital trust, security and identity management complying with standards will allow Europe to adopt mature blockchain solutions to mission-critical environments.

For the initial phase of EBSI's procurement, the consortium proposes a [revolutionary solution for a European Digital Product Passport](#). As a path to success, the consortium plans to work actively to create an open "playing field" in Europe that can easily integrate a diversity of solutions and open this promising industrial field to new players from the public and private sectors.

Quote from the consortium members:

- Andrea D'Intino (EBSI Project leader, Dyne.org): *"The consortium's unique combined understanding of cryptography, blockchain and identity technologies as well as its global market positioning, give us the tools and the strength to bring EBSI to the next level. We are truly excited to embrace the policy makers, the businesses and the developers into an inclusive community, to fuel their ideas and products into the European Union's blockchain."*
- Thomas Fürstner (Founder & CTO, RIDDLE&CODE): *"The blockchain landscape diversifies into layer one and layer two technologies. Layer one is used for attesting values and identities with a small transaction payload and low frequency. Layer two is used for high-volume, low-value, day-to-day transactions. Then, there is the neglected but important layer zero, where blockchain meets products and goods of the physical world. This is exactly where RIDDLE&CODE contributes to EBSI."*
- Carmine Auletta (Chief Strategy and Innovation Officer, InfoCert - Tinexta Group): *"Being involved in shaping the future EU blockchain infrastructure not only makes us extremely proud, it also could have an important strategic impact"*



on our reference market. An EU blockchain infrastructure could represent the backbone on which EU Trust will be built in the future." He further commented: "InfoCert, as the leading Qualified Trust Service Provider in the EU, aims to further strengthen its thought leadership role in a constantly evolving market. InfoCert has an impressive track record in building innovative solutions and an ambitious R&D program focused on Digital Identity and Digital Trust. It includes the exploitation of emerging technologies, among which blockchain is one of the most promising. Our partners have tremendous technical competencies in distributed ledger technologies, while InfoCert has very distinctive expertise in building Trust Frameworks. Joining forces was natural and proved to be crucial in the success of our consortium."

About RIDDLE&CODE

RIDDLE&CODE is Europe's leading company for blockchain interface solutions. The company develops hardware and software stacks that combine the security of smart cards with blockchain and the Internet of Things (IoT). Together with its tier-one clients and partners, which include Daimler Mobility, BMW, Wien Energie and leading Dutch crypto exchange LiteBit, RIDDLE&CODE brings new business models to the fintech, energy, mobility and materials industries.

More information: www.riddleandcode.com – **Media contact:** [Aysenur Yükselal Aji](#).

About Dyne.org

Dyne.org is a non-profit foundation dedicated to free and open source software and community development with 20 years of expertise in developing applications used worldwide. Its motto is "we are free to share code and we code to share freedom" and other projects include independent streaming software for free speech, privacy tools for activists and GNU/Linux distributions.

More information: dyne.org - **Media contact** [Andrea D'Intino](#)

About InfoCert

InfoCert, Tinexta Group, is the largest European Certification Authority, active in over twenty countries. The company provides services in digitisation, eDelivery, Digital Signature and digital preservation of documents and is an accredited AgID digital identity operator in the area of SPID (Public System for the management of Digital Identity). The company holds a 51% stake in Camerfirma, one of the principal Spanish certification authorities and a 16.7% stake in Authada, a leading-edge German Identity Provider.

More information: infocert.digital - **Media contact** comunicazioni@infocert.it