A RESEARCH PROJECT

raising trust for **TECHNOLOGY** and **PEOPLE**

PROJECT PARTNERS
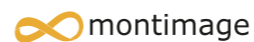
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WHERE TO GET MORE INFORMATION

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The **Project**

Digital transformation of European society can be fully achieved only if technologies evolve in a trustworthy environment. TRUST is an interdisciplinary research program born to understand the role of trust in the implementation of digital technologies and to suggest actual means of development, in order to raise relational reliance in people-to-people, people-to-business and people-to-authorities interactions. The attention is on Digital Ledger Technologies (DLT), particularly on the Blockchain technology (BCT) as a trust-building machine, projecting the issues of trust in a new dimension that TRUST intends to explore. An Advisory Board of stakeholders, selected within small and medium sized cities and municipalities, will provide effective input as policy-makers, and feedback on feasibility of the proposed solutions in terms of mobility and energy management.

Consortium

Academic and non-academic institutions collaborate in this research and knowledge transfer programme around key topics such as: development of a suitable regulatory framework for effective integration of BTC in a trust-based society; transition towards a fair and competitive peer to peer economy; applications of BTC in the field of Artificial Intelligence to ensure security and trust; development of new models of collaborative governance for smart, trust-based cities. Different backgrounds (legal, economic, engineering) of partners from EU countries, Israel and China team up in a complementary research perspective, innovative training and international/intersectoral cooperation, to understand how the use of digital technologies can shape a trustworthy European environment, empower citizens in their action and interaction, and promote economic growth.
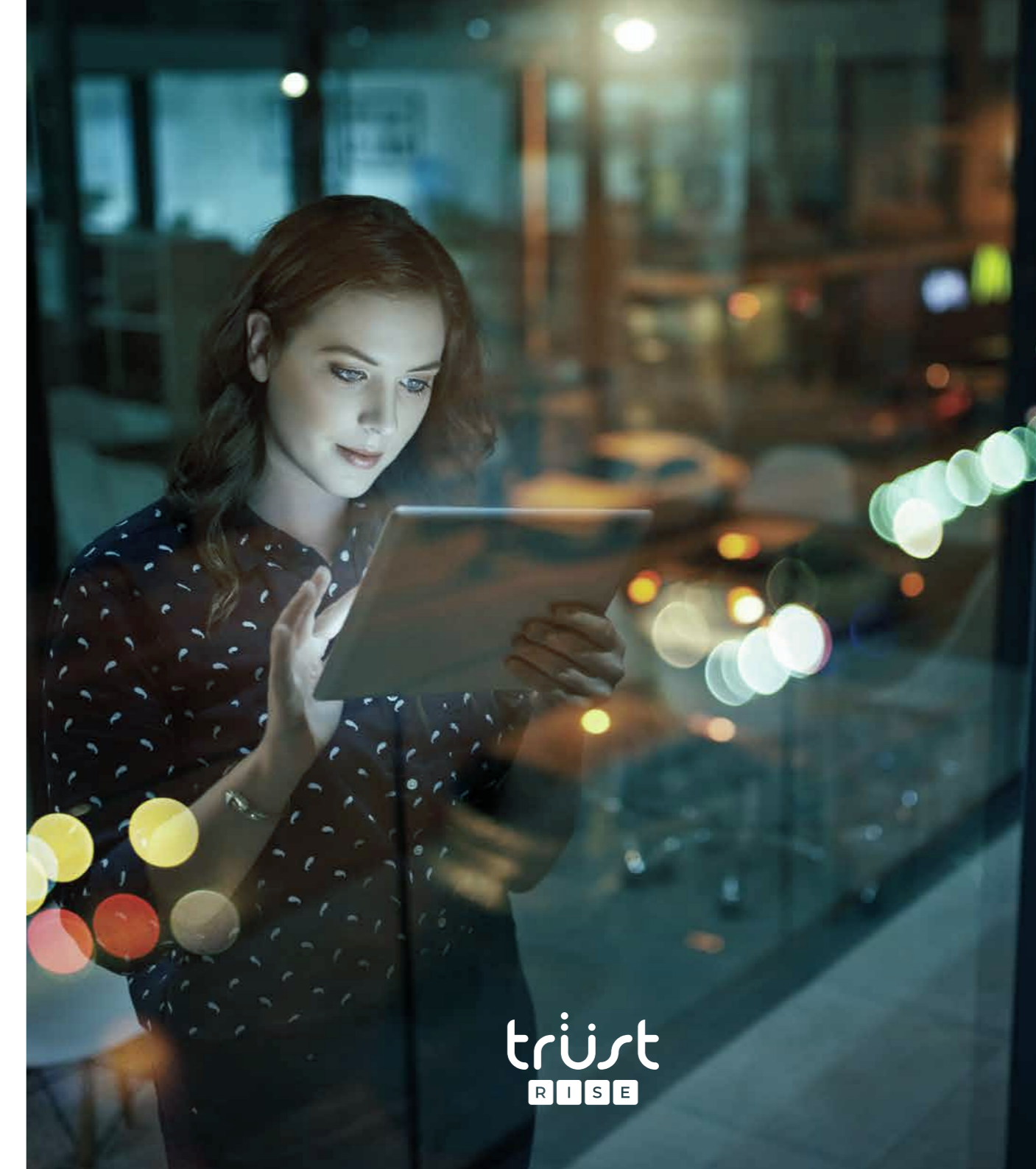
The **Challenges**

| LEGAL | ENGINEERING | ECONOMICS BUSINESS | SMART CITIES |

Impact

➤ **To enhance engagement of citizens** through deep integration of DLTs into European society; **reverse inequality** looking to a decentralised organization of powers and services, at all levels; **increase trust, transparency and inclusion.**

➤ To promote a better understanding of the legislative and regulatory regimes required to support development of the Blockchain technologies; to promote a better understanding of the economic and social impact of BCTs, with a focus on city context.

➤ To enhance an **efficient and green use of energy** through designing models of smart technological services (transports and renewable energy included), with a direct impact on **citizens' wellbeing.**

➤ To contribute to the **reinforcement of the European role as a global actor**, defining a model of Trust-oriented governance, through DLTs to be shared worldwide.

➤ To **empower SMEs and research institutions on the Artificial Intelligence and Blockchain applications**, particularly in business opportunities and trade, for a more effective transition from a B2B to a P2P economy and promotion of resilient infrastructures for the business environment.

➤ To promote the **added value of interdisciplinary research**, conducted in a partnership of academia, policy makers and Public administration.

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R I S E