



Building Trusted Digital Societies

Tietoenvry Veturi Research Roadmap

Development initiatives for co-innovation
and research collaboration



We want to change how IT business is run by building a Trusted Digital Society

The Tietoevry Veturi project accelerates the development of trusted technologies, develops Finland's technological know-how and helps Finnish IT companies to build globally scalable business value from responsible data-enabled platforms



Develop **trusted data-enabled platforms**, building on cutting-edge technology, to create scalable business value



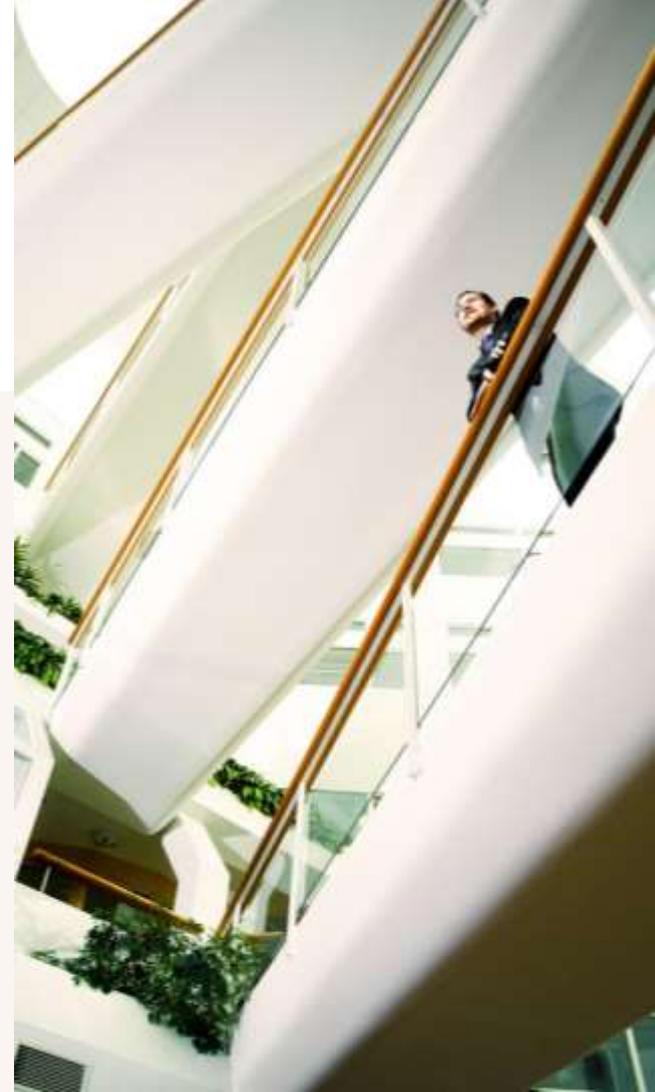
Co-create **platform business models** together with the Finnish IT ecosystem, expanding in global markets



Build **re-usable technology modules** and use open-source components to develop solutions faster and more cost efficiently

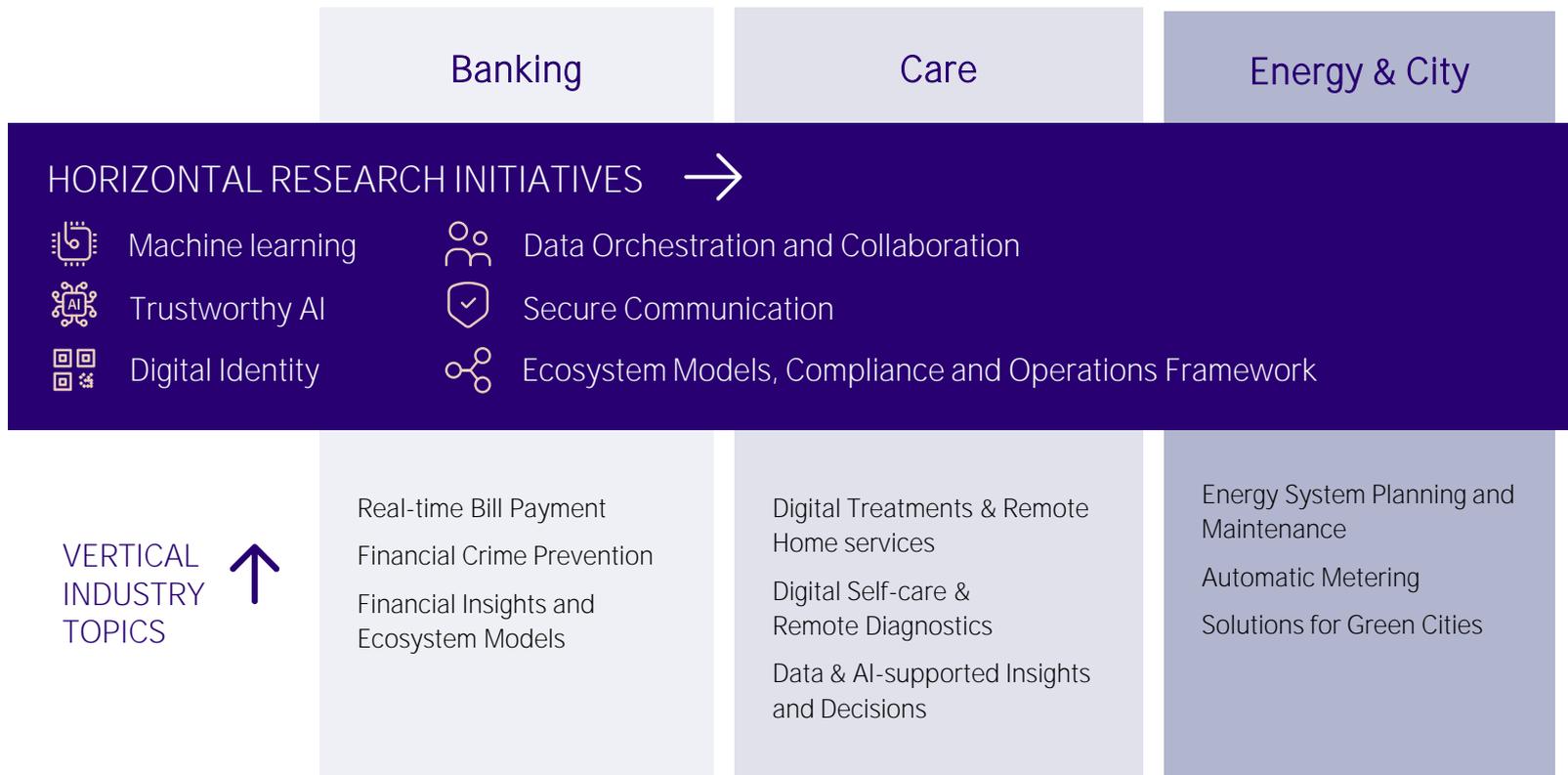


Strengthen long-term **industry and academia collaboration** for future competitiveness



Trusted Digital Societies programme overview

We focus on horizontal research initiatives and three vertical industry specific topics



Ecosystem approach

We are looking for research and industrial partners for building joint technology capabilities in the horizontal themes and developing commercialization opportunities in the industry specific topics



Horizontal Technologies Roadmap 1/2

We want to initiate research collaboration in horizontal technologies enable long-term business infrastructure, establish common technology-specific platforms and ensure compliance to EU-level acts and regulations.

Machine learning

Next generation self-organized ML methods

ML & analytics lifecycle management

Proofs-of-value: Machine Learning Lifecycle Management

Trustworthy AI

Trustworthy and resource efficient AI

AI system certification prototype

AI platform PoV

Digital ID

Trust in consumer-to-machine & machine-to machine digital interactions

Digital identity white label platform

PoVs for C2M & M2M interactions

RESEARCH TOPICS

INDUSTRIAL COLLABORATION

PROOFS-OF-VALUE

For inquiries on collaboration opportunities in enabling technologies, please contact Iftikhar Ahmad (iftikhar.ahmad@tietoenvy.com).

Horizontal Technologies Roadmap 2/2

We want to initiate research collaboration in horizontal technologies enable long-term business infrastructure, establish common technology-specific platforms and ensure compliance to EU-level acts and regulations.

Data orchestration and collaboration

Anonymisation of data for EU data regulation

Secure , scalable and adaptable data ecosystem platform

Data orchestration platform PoV

Secure communications

Digital security twins

Security methods for massive IoT systems

Digital ID & massive IoT platform development

Proofs-of-value for Digital ID and massive IoT platform

Ecosystem models, compliance and operations framework

Governance & business models for ecosystems & platforms

Ecosystem strategies and operating models for different industries

Framework & platform
for ecosystems

RESEARCH TOPICS

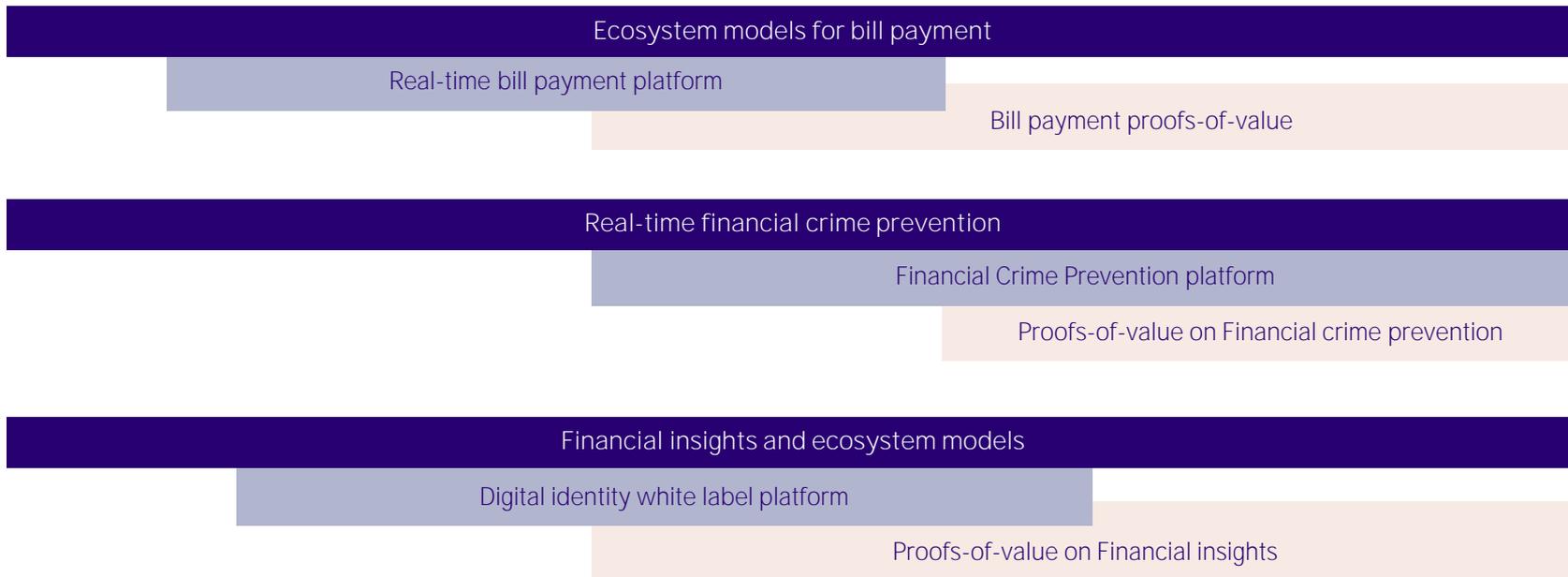
INDUSTRIAL COLLABORATION

PROOFS-OF-VALUE

For inquiries on collaboration opportunities in enabling technologies, please contact Iftikhar Ahmad (iftikhar.ahmad@tietoevry.com).

Banking Roadmap

We call for strong industry and cross industry collaboration to design both solutions and new Target Operation Models for new common banking platforms



RESEARCH TOPICS

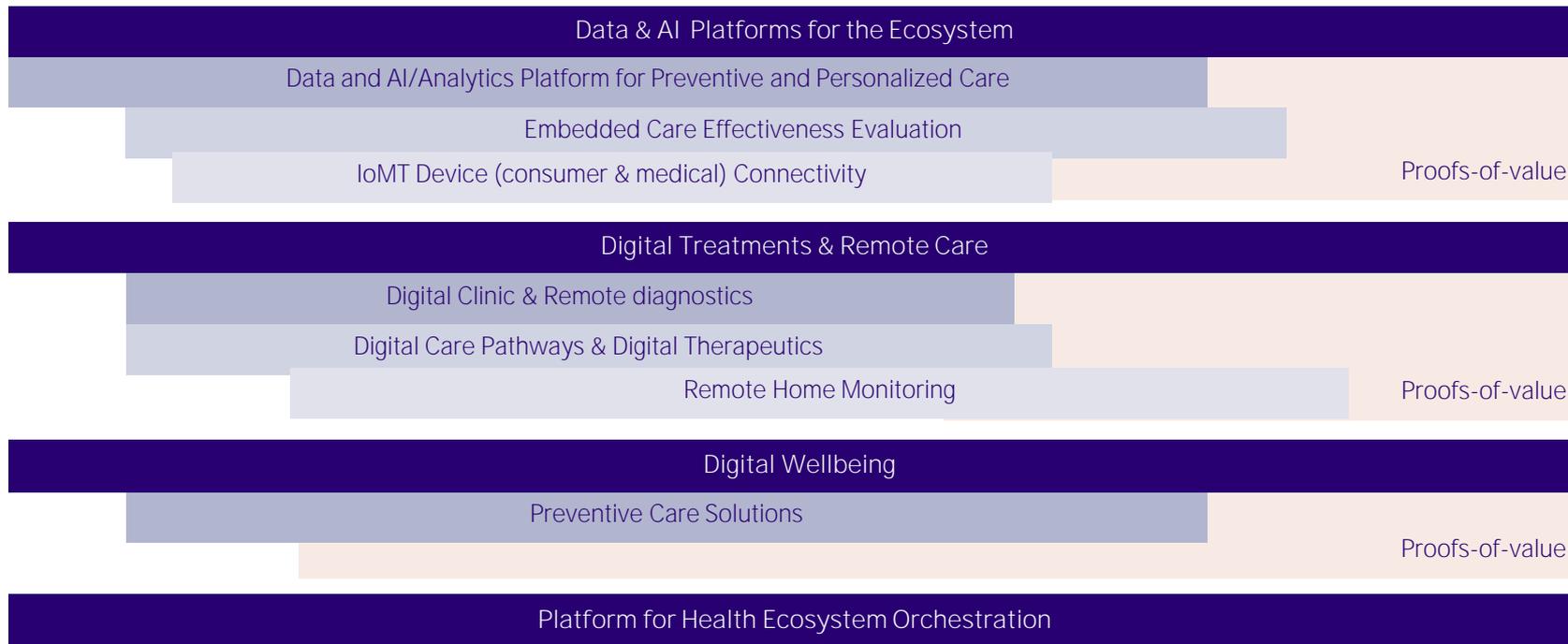
INDUSTRIAL COLLABORATION

PROOFS-OF-VALUE

For inquiries on collaboration opportunities in Banking, please contact Sami Uski (sami.uski@tietoenvy.com).

Care Roadmap

We call for collaborative research and industry-specific ecosystems development in the Veturi project to build capabilities for new data-driven Citizen and Patient engagement services for Digital Selfcare, Digital Treatments and Remote Care - and to support continuous assessment of the services and related care outcomes.



RESEARCH TOPICS

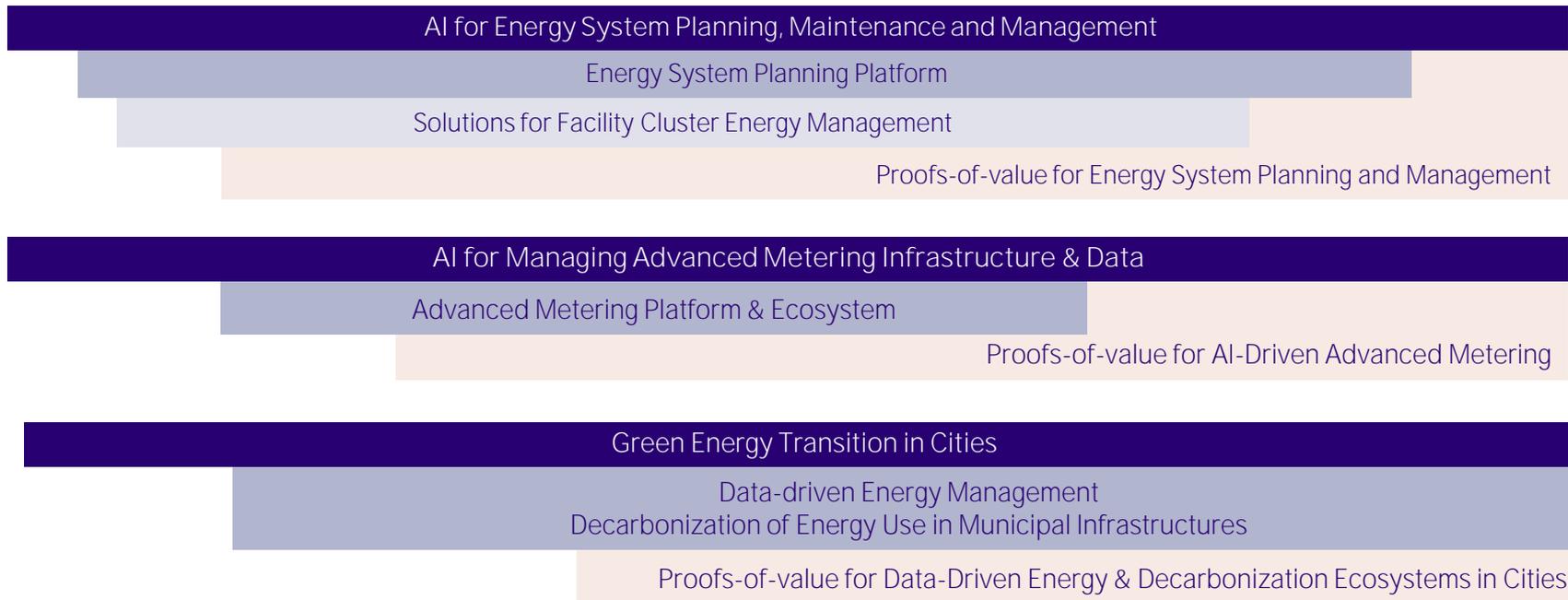
INDUSTRIAL COLLABORATION

PROOFS-OF-VALUE

For inquiries on collaboration opportunities in Care, please contact Christian Sundell (christian.sundell@tietoenvy.com).

Energy & City Roadmap

We call for collaboration with research and industry stakeholders to build capabilities in new power grid design methods, automatic metering, solutions for distributed energy management, as well as decarbonization of energy use in municipal infrastructures.



RESEARCH TOPICS

INDUSTRIAL COLLABORATION

PROOFS-OF-VALUE

For inquiries on Energy and City collaboration opportunities, please contact Fredrik Jansson (fredrik.jansson@tietoevry.com).

Contact us

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PROGRAMME LEAD

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