R&D phase | Research **Expected Commercialization** | FY27-

Mehr Licht!
More Photonics for Intelligence

#B16

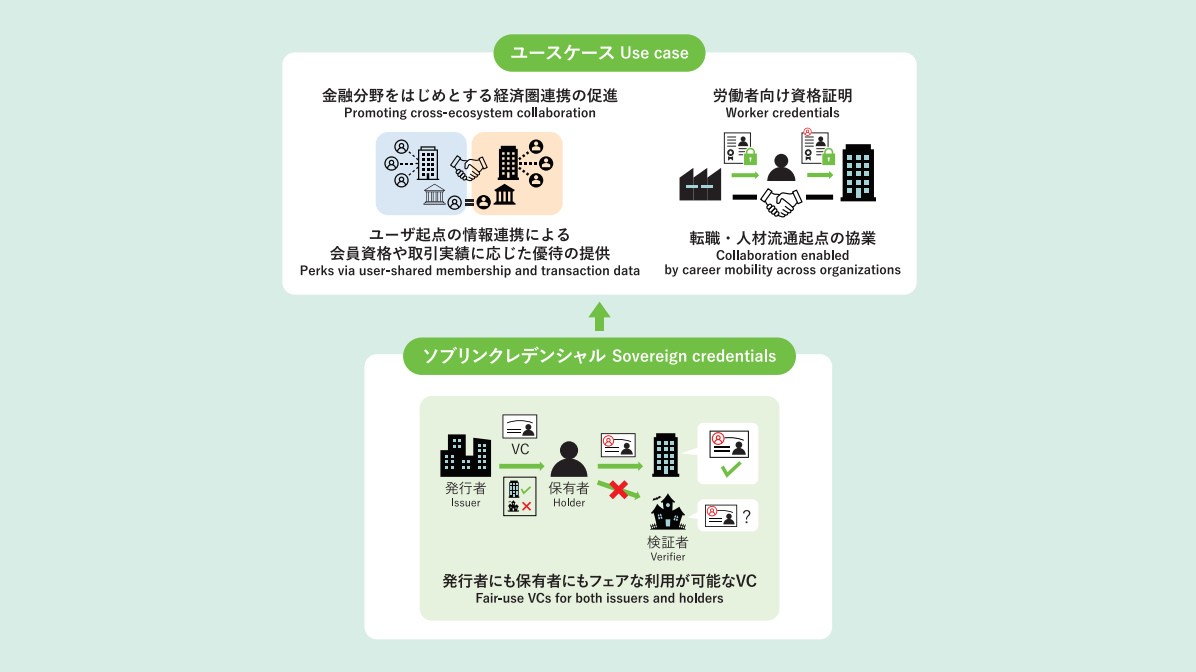
#Digital & AI Transformation#Governance & Trust

Consent-Triggered Registry-Bound VC

Partner-only digital credentials create value for users and businesses

Technical Challenges & Goals

Membership and VIP credentials from financial institutions and payment providers enable cross-ecosystem perks. The challenge is issuer-controlled verification. Only designated partners can verify credentials in user wallets with user consent, protecting issuer incentives and enabling user-led ecosystem collaboration.



Key Technologies

Core Technologies

- Only partners meeting issuer-set criteria within or across ecosystems can verify digital credentials
- Sharing credentials requires user consent; only designated parties can verify them, preventing reuse

Key Differentiators

- Unlike standard VCs, cryptography lets issuers restrict who can verify them even after issuance
- Unlike standard encryption, this scheme limits misuse of credentials even if leaked in plaintext

Use Cases

Financial Services

Financial institutions, payment providers, and insurers return data to users as credentials for sharing with user consent, linking ecosystems while leveraging existing systems and lowering identity and data-integration costs.

Exhibitors

NTT, Inc. Social Informatics Laboratories
NTT DOCOMO GLOBAL, Inc.

Related Links

https://group.ntt/jp/topics/2026/03/30/digital_wallet.html

CONTACT:Social Information Sharing Research Project