



CELTIC-NEXT



Proposers Brokerage Day

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ShoePass AI

Digital product passports for footwear reuse

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Teaser



Used shoes need reliable decisions about their next use.

ShoePass AI links condition evidence to reuse, repair and sorting recommendations.

Partners can test DPP data exchange and AI decision support in a footwear pilot.

Organisation Profile

THKD İktisadi İşletme, Türkiye
Economic enterprise of the Consumer Rights and Quality Association

Proposed contribution: pilot methodology, footwear assessment criteria and evidence quality.

Technical lead: Canan Ülkü, chemist, with environmental management, risk assessment and standardisation experience.

Member of TSE Mirror Committee MTC 204 – Digital Product Passport

Proposal Introduction (1)

Proposed pilot workflow

1. Register a used pair and its condition evidence.
2. Record source, date and confidence of each data item.
3. Review AI recommendations with a human assessor.
4. Publish the decision and supporting evidence through a QR-linked record.



Illustration of the proposed use case

Proposal Introduction (2)

Pre-proposal target: TRL 5 validation by 26 October 2026.

Evidence: integrated prototype, relevant pilot setting, test protocol and recorded results.

Proposed 36-month project, subject to consortium agreement:

M1–6: requirements and shared data model

M7–18: platform integration and AI development

M19–30: pilots and performance evaluation

M31–36: exploitation and standards feedback

Partners



Project initiator: THKD İktisadi İşletme, Türkiye.
International consortium under formation.

Seeking a DPP / ICT partner for data exchange, AI integration and access controls.

Seeking a footwear reuse or repair operator for field validation.
Research expertise in material assessment or lifecycle analysis is welcome.

Partner roles, budget and national funding eligibility to be agreed.

Contact Info



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Seeking international partners for the CELTIC-NEXT Autumn Call 2026.

Consortium Building

Partner discussions

Technical scope and complementary expertise

Pilot setting and measurable validation criteria

Work packages, budget and national funding route

Proposal deadline: 26 October 2026