

OSKA — Estonia's AI-Assisted National Skills-Forecasting System for Curriculum Planning

AI in Education · Good practice · Estonia

Quality score: 60/100

Evidence strength: Observational / pre–post

Summary

Estonia's Qualifications Authority runs OSKA, forecasting national skills since 2015 to guide VET/HE curriculum planning. AI partner Headai used NLP to mine 10,876 job ads against six mechatronics curricula, mapping real skills gaps.

Key dimensions

Dimension	Score
Evidence of learning impact	2/3
Equity & inclusion	1/3
Transparency, ethics & data protection	2/3
Teacher capability & pedagogy	1/3
Scalability & sustainability	3/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-09-13

[Estonian Qualifications Authority \(Kutsekoda\), with Headai](#) — accessed 2026-09-13

[Headai case study: forecasting Estonian future skill needs](#) — accessed 2026-09-13

[Cedefop - OSKA system profile](#) — accessed 2026-09-13

[Cedefop - Estonia: five years of OSKA](#) — accessed 2026-09-13

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