HANS — Estonia's AI Speech-Recognition System for Parliamentary Verbatim Records

AI in the Public Sector · Good practice · Estonia

Quality score: 73/100

Evidence strength: Descriptive / self-reported

Summary

Since 2020, Estonia's Riigikogu has used HANS, an AI speech-recognition tool built with Tallinn University of Technology, to auto-transcribe plenary debates — targeting 93–95% accuracy and publishing machine-readable verbatim records within an hour of each sitting.

Key dimensions

Dimension	Score
Governance, capability & sustainability	2/3
Evidence of impact / measured public value	2/3
Transparency, fairness & accountability	3/3
Transferability / demonstrated replication	2/3
Scalability beyond pilot	2/3

Evaluated by C-NAPSE

Data sources

C-NAPSE web research — accessed 2026-07-01

Riigikogu (Parliament of Estonia), with Tallinn University of Technology (TalTech) and Finestmedia — accessed 2026-07-01

e-Estonia: HANS AI support tool for Estonian Parliament — accessed 2026-07-01

International Journal of Parliamentary Studies: Digitalisation of Work in the Estonian Parliament Riigikogu — accessed 2026-07-01

IPU: AI-powered verbatim records system (HANS) — accessed 2026-07-01

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