VISION ZERO CANCER
Financed by the Swedish Innovation Agency

One-pager
Vision-driven health care

Strategic target area 	**Automatic transferrall of patient data:** **Structured pathological reporting in cancer diagnostics:** **Lung pathology**
Overlapping target areas	
Purpose **Background**	At present, the pathological reporting and medical scoring is not structured, which means that these are of uneven quality and cannot be analysed. Standardised templates for reporting in cancer diagnostics should therefore be developed. Vision Zero Cancer supports the action as a catalyst by bringing actors together for targeted collaboration and co-financing personnel costs for preparatory work and system development for the introduction of a structured lung protocol for pathology, which enables uniform, structured and analyzeable reporting throughout Sweden.
Goal **Impact**	- Pathology reporting templates for lung cancer become nationally structured and all pathologists respond in a uniform way throughout Sweden - Mapping to SnomedCT makes data easier to analyze and transfer to other systems - Reporting to national quality registers and cancer registers is streamlined - Structured responses enable future research and analysis as well as AI processing - Reduce duplication of work in registering information for patient care (documentation, referrals, etc.) and follow-up - Increase the usefulness of information for quality registers, decision support and research.
Activities **Deliverables**	Phase 1: Preliminary work by pathologists (Functional design, Coding towards SnoMedCT, etc.) Phase 1: System development by the Confederation of Regional Cancer Centres (RCC) Phase 2: Integration between pathology laboratory systems (LIS), the quality register for lung cancer and INCA – information network for cancer care – which is a national IT platform for managing registers of cancer patients regarding care and research. INCA is jointly run and developed by RCC.
Results **Effect** *How the action contributes to achieving the 2030 Agenda and the vision to transform cancer from a mortal to a curable or chronic disease*	Creating structured reporting templates enables quality-assured pathological reporting to be registered nationwide and that these answers can then be used in decision support systems, AI solutions as well as in research to improve diagnostics and treatment of lung cancer. The solution will be scalable for further reporting templates within oncology that enable all diagnostic areas to set up reporting for pathology.
Timeframe	Phase 1: 2020–2021. Expected to be extended by phase 2 and further development phases.
Project manager	Torbjörn Eles, National IT Manager INCA, RCC Väst
Project partners	RCC Väst, RCC Stockholm Gotland, Karolinska University Hospital, Medical Service of Skåne region, Stockholm School of Economics Institute for Research, Vision Zero Cancer
Other key players	Lung Cancer Registry, the KVAST-group, Swedish Association for Pathology and the National Board of Health and Welfare
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