

## WP2. Integration of research environments and testing services (2027–2030)

<b>Site / Lead</b>	City of Helsinki
<b>Participants</b>	Wellbeing Services County of Vantaa and Kerava (VaKe)
<b>Description</b>	<p>WP2 integrates research environments from the City of Helsinki and the Vantaa and Kerava Wellbeing Services County (VaKe) into the Health Proof Helsinki (HPH) research infrastructure, expanding its scope across primary healthcare, social care and emergency services. Through this initiative, VaKe joins HPH RI as a new partner.</p> <p>Helsinki contributes two simulation-based environments embedded in hospital and emergency service settings, while VaKe contributes two real-world testbeds: the Hospital at Home service and the Tikkurila Elderly Centre. Together, these environments enable the piloting and evaluation of care models, technologies and services in both controlled and authentic settings.</p> <p>The integrated infrastructure combines simulation, clinical, home-based and long-term care environments, enabling the systematic testing, validation and scaling of new solutions across the full continuum of care, including digital services, sensor technologies and AI-based diagnostics.</p> <p>WP2 strengthens the integration of research and service delivery, accelerates the adoption of evidence-based innovations and enhances the scalability and impact of health and social care research.</p>
<b>Objectives</b>	<p>PO2.1 Integrate research environments from Helsinki and VaKe—including simulation facilities, Hospital at Home and elderly care settings—into the HPH research infrastructure, and formalise VaKe’s accession as a partner.</p> <p>PO2.2 Establish structured service models, governance, roles and responsibilities for research and testing activities across both organisations.</p> <p>PO2.3 Develop testing and validation services and strengthen regulatory research competence to support innovation and research.</p> <p>PO2.4 Scale and replicate validated research environment models between Helsinki and VaKe.</p>

<p><b>Tasks</b></p>	<p><b>T2.1</b> Support VaKe’s formal accession to HPH RI and establish a governance framework for cross-organisational research collaboration, including roles, responsibilities and collaboration agreements.</p> <p><i>KP:</i>Governance framework and agreements established (%). Target: 100%</p> <p><b>T2.2</b> Identify, document and assess research environments in Helsinki and VaKe (simulation centres, Hospital at Home, elderly care settings) to evaluate readiness for HPH RI integration and to define development needs.</p> <p><i>KP:</i> Research environments assessed (% of identified environments). Target: <math>\geq 95\%</math></p> <p><b>T2.3</b> Develop structured research and testing service models, including roles, workflows and regulatory research competence, and define service offerings within the HPH RI portfolio.</p> <p><i>KP:</i>Service models and offerings defined (%). Target: 100%</p> <p><b>T2.4</b> Document, replicate and scale validated research environment models across Helsinki and VaKe, and update infrastructure and equipment to support integration and testing of emerging technologies.</p> <p><i>KP:</i>Environments scaled or upgraded. Target: <math>\geq 3</math> environments.</p> <p><b>T2.5</b> Enable the piloting and validation of new solutions across integrated research environments</p> <p><i>KP:</i> Pilot studies conducted across environments. Target: <math>\geq 3</math> pilots.</p>
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