



VCARE MVP

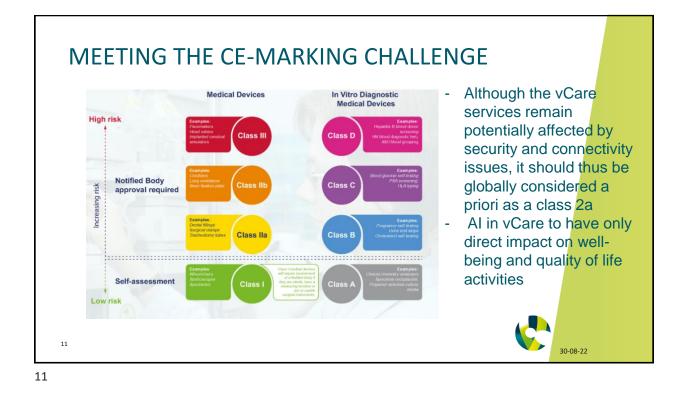
A minimum viable product (MVP) is a version of a product with just enough features to be usable by early customers who can then provide feedback to the developers for future product development.

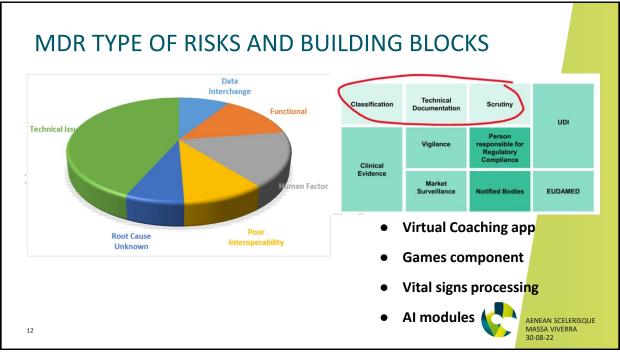
## vCare goes beyond state of the art because it provides an:

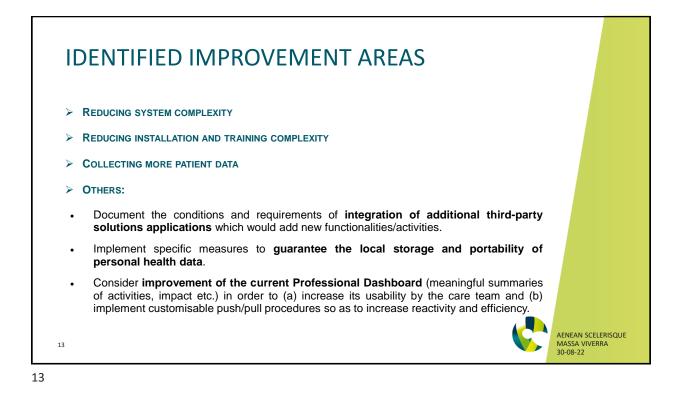
- Adaptive integration, orchestration and use of the coaching services according to a personalised, evidence-based pathway applied to 3 medical conditions but that could be freely structured and applied to any kind of disease.
- $_{\circ}$  ~ With the following key features:
  - A holistic approach to patient needs and coaching eco-system
  - Automatic knowledge aggregation and mediation
  - Integration of sensor and users' data
  - International perspective
  - Structured interactions with the care team.
- All activities but 4 (pain, mood, voice, fun cognitive support) are to be part of the MVP.
   Those 4 however add value to the product.

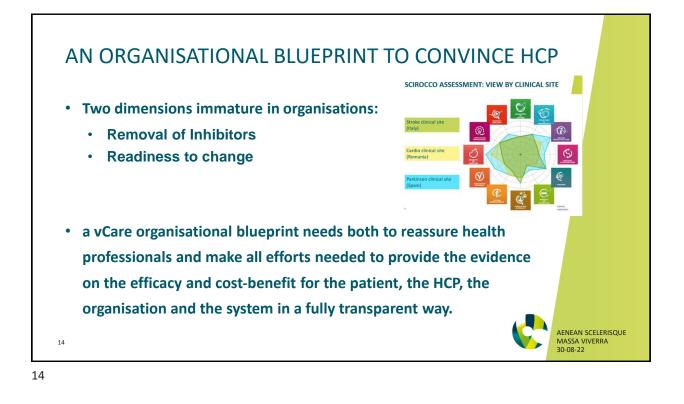
KEY PARTNERS Current Technical partners (MYS, SIM, ATF; FZ, TUD, IMA) IMA: 3 rev serious games modules FZI: Pathway Reasoner (Executer) FZI: 2 rathway Reasoner (Executer) FZI: 2 rathway Reasoner (Executer) ATF: Coaching services server ATF: Coaching services server ATF: Coaching services server MYS: <u>yCare</u> smart home MYS: <u>yCare</u> smar	KEY ACTIVITIES         Maturing and improving the solution:         • Machine learning (Bgg/data/validation)         • Single sign-on and overall usability         • Centralized asset/device management         • Integration location sensors in TM         • Professional portal         • Integration values and support systems/customization         • Legal and Regulatory compliance         • Define/Adapt roles and support structure (+ training)         Identify new financial resources and sign a new MoU (3-4 years)         • Define IPR and background /foreground conditions of use         • Consider MTAS         Piloting & Collecting the necessary evidence:         • Initiating RCT in at least 4 different sites         • Refining the BC         • Documenting organizational blueprint (change Mgt)         Promoting the concept         • Laising and finding synergies with major deployed and operational public and private platforms.         • Participation in targeted events.         • Organize targeted promotion	VALUE PROPOSITION We Fill an important gap in the health system. <u>VCare</u> has the capability to <u>improve</u> the quality of life and to slow down the symptomatology and adds value compared to the state-of- the-art: • Support treatment adherence and avoid relapse • Improve QoL • Decrease inequalities in care by complementing professionals • Improved interaction with the care team • With a limited but focused investment from the care team • With possible major cost- efficiency gains. Adaptive integration, orchestration and use of the coaching <u>services</u> according to a personalized, evidence- based pathway applied to 3 medical conditions but that could be freely structured and applied to any kind of disease.	CUSTOMER RELATIONSHIP Partnership HC organisations willing to test the solution and collect evidence and companies involved in the further maturing of the solution (TRL8) Communities: (E)DHS, AHA, Integrated Care platforms, Hospital associations, CSAs, Think-tanks; TEFs Contractual: -On the basis of a non for profit basis to reach TRL8 -Fair compensation (new investor taking over all assets) when going to market.	CUSTOMER SEGMENTS Healthcare organisations (public vs private): • Rehabilitation units at hospitals (First focus on stroke, heart failure, Parkinson departments) • Rehabilitation ambulatory units • Nursing homes • Home care service providers* Healthcare authorities (Regional(Jocal) • Focus on those engaged in informative approaches such as AUA • The decentralized nature of health systems may here also play a role especially in bigger countres (Austria, Haly, Spain, Scandinavia) • Beverlige Health systems (UK, treland, Scandinavia) or mixed systems (Spain, Haly, Greece, Portugal) are more prone to adopt innovations such as <u>yCare</u> as they can modify the care process more easily Health Insurers: • Insurance companies • The Patient himself/herself
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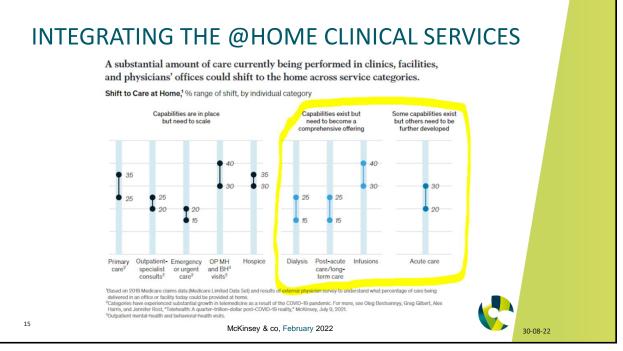
New clinical partners interested by	KEY RESOURCES			NNELS	Future large scale
ehabilitation pathway for other	<ul> <li>Knowledge and expertise of the involved staff in the different organisations (with a risk of turnover)</li> <li>Components technical description and demostrators/infrastructure</li> <li>Access to multiple networks (AHA, DIH, Professional societies etc.)</li> <li>Contact point for end- users/customers and technical integration ensured by MYS/SIMAVI (Spain, Romania) and new MoU</li> <li>Possibly TEFs</li> </ul>	needs and coa system Machinal know aggregation a Integration of users data International Structured Int the care team	wledge and mediation 'sensor and perspective teractions with	<ul> <li>Active communication from Reference sites</li> <li>Direct <u>Social media</u> and marketing from involved companies</li> <li>Newsletters and social media from Rehabilitation societies, DH and AHA</li> <li>Patientis organisations (associated with priority use cases)</li> <li>Regional healthcare Authorities (eHealth eco- system meetings)</li> <li>Twinning initiatives in AHA domain</li> <li>Workshops and seminars organized by Digital Innovation Hubs</li> <li>Targeted international conference</li> <li>European Investment Project Portal (EIPP)</li> <li>European Institute of Technology. Health/Digital</li> </ul>	rehabilitation/healthcare pilots Companies: • Jot segment and integrators • SMEs (additional services) • Companies active in the care@home segment • Private Platforms integrating innovative services with added value (with a focus on care@home) Research Centres: • Active in the AHA domain and involved in AI and advanced UI technology
COST STRUCTURE			REVENUE STREAM(S		
<ul> <li>Management costs</li> <li>Personnel costs for incre</li> <li>Cost breakdown structure</li> </ul>	chase costs		resources foreseen b Defined but lim Grants and sub: Regior Fast Ti Nation	before 3-5 Years. ited own resources of partner: sidies: nal European Funds (Intereg North	, Central and/or Med) ccelerator (One SME to take leadership)











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## INDIVIDUAL COMPONENTS HAVE THEIR OWN LIFE

PONENT NAME	MATURITY LEVEL reached at the end of the project
les: COGNI, CARDIO	TRL7
	TRL6 (7)
mmendation	TRL6 (7) – need 10.000 data points of real patients for each pattern to have a stable algorithm
Avatar User Interface	TRL6
-	TRL6 (Framework =7 but implementation could vary 4-8)
•	TRL7
	PONENT NAME  3 new serious games ules: COGNI, CARDIO URO PRO Pathway Reasoner uter) tctivity mmendation ework Avatar User Interface Coaching Services r (IOLA professional orm

COMPONENT NAME	MATURITY LEVEL reached at the end of the project
MYS: vCare smart home	TRL7
<ul> <li>MYS: Security components and Integrator (broker MQTT) (Open source)</li> </ul>	TRL8
<ul> <li>SIM: Home Health aggregator</li> </ul>	TRL7
<ul> <li>TUD: Basic clinical pathway modeller</li> </ul>	TRL 7
<ul> <li>TUD: Integrated clinical pathway modeller and repository</li> </ul>	TRL 7
<ul> <li>OSA/CCP/UMFCD: Clinical Pathways (and PK in particular)</li> </ul>	TRL7 (a large RCT is needed)



AENEAN SCELERISQUE MASSA VIVERRA 30-08-22

