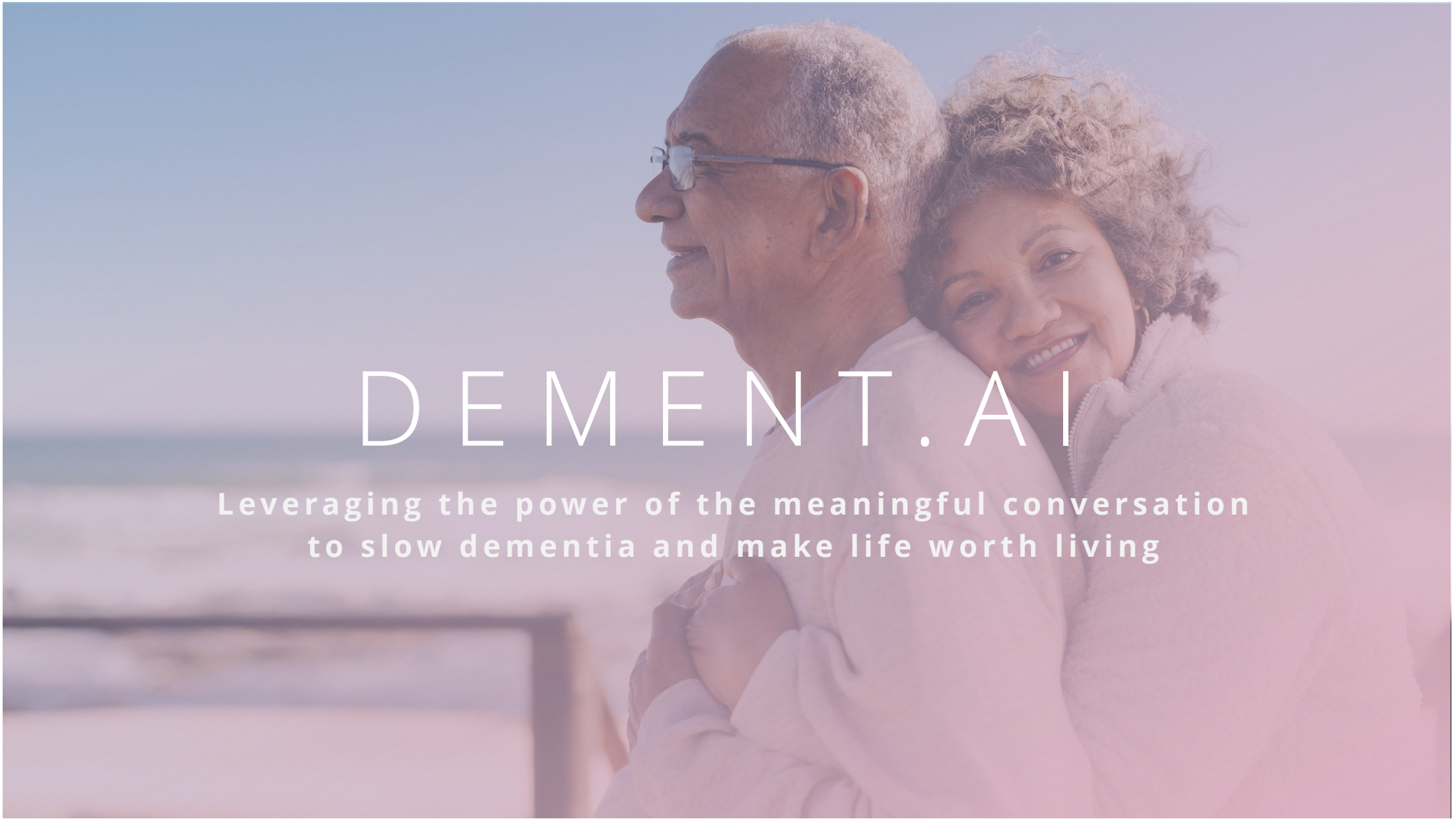

DEMENT.AI
Leveraging the power of the meaningful conversation
to slow dementia and make life worth living

In Sweden – dementia and loneliness

In 2019 150,000 people have some type of dementia – an additional 25,000 people are diagnosed yearly.

2.6 million people are currently over 60 and 35% of them live alone.

Dementia forecast here and globally

Sweden 2030: 188 000 and 2050 253 000, counting only individuals over 65, younger than 65 data is currently unknown.

Globally: Currently at least 55 million people live with dementia, projected to grow to 75 million by 2030

Prevention – all of us are at risk

We aim to not only help and slow down regression of those diagnosed with some form of dementia but also to help and prevent with those at risk. Dementia affects next-of-kin greatly, resulting in lower quality of life and suffering.

We are already spending billions

In Sweden (2019) projected to 81.8 B SEK ($8.5B) distributed over municipalities 66.8 BSEK, Regions 1.3 BSEK, next-of-kin care 12.5 BSEK, and other indirect costs such as sick leave etc. an additional 1.0 BSEK.

THE PROBLEM

Dementia

Dementia is a growing challenge for humanity. Pharmaceutical remedies have so far not been successful- We know that conversational therapy works but is not at all scalable since it requires experts to perform the interviews. Experts such as dementia researchers and medical professionals. The conversation is also time consuming and needs to be frequent – making it expensive as well.

Loneliness

Loneliness adds to the challenge. We know that loneliness increases the risk of dementia and accelerates the decline. Loneliness is also a quality-of-life issue that affects too many in our society. There are many reasons and loneliness is often unforeseen by the individual, leading to depression as well

OUR MISSION

To make a profound impact in relieving the suffering of dementia and increasing quality of life for patients and next-of-kin while leveraging new disruptive technologies in an ethical way.

WHY NOW?

As tech entrepreneurs, communication experts, and business leaders, we've observed the convergence of research and disruptive technologies.

These can address a significant problem facing our aging population: dementia in its various forms and its precursor, loneliness. Close relatives to us are affected.

Research indicates that activities and exercises designed to stimulate thinking, concentration, memory, and communication skills can significantly slow the progress of dementia. Despite advancements in pharmaceutical treatment, there's a growing need for such interventions.

At the core is the meaningful, purposeful, conversation. We believe technology can assist in creating it at scale.

In modern society, elderly individuals often spend more time alone than is healthy or desired. We aim to develop a cost-effective treatment method to not only address dementia but also improve the patient's quality of life.

THE SOLUTION

The Meaningful Conversation

At the core of what we do is to create "the Meaningful Conversation". A conversation that is "healing", is interesting and makes sense, and has a purpose, both for patient, care giver, and next-of-kin.

Interesting

To be meaningful the conversation needs to be interesting and vibrant for the patient. We achieve this with assistance of AI and access to external data sources in real time during the conversation.

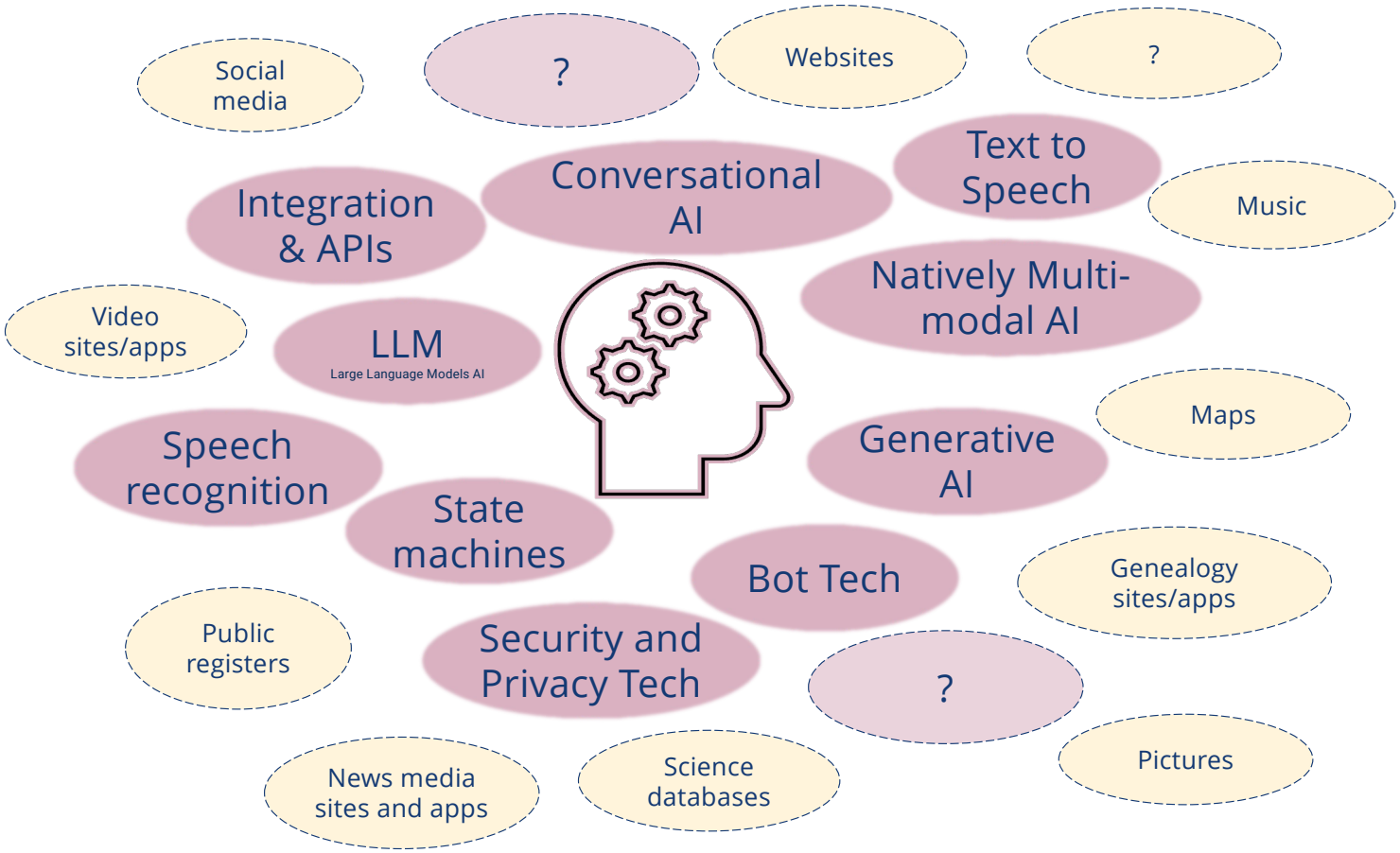
Healing

By guiding the conversation, we will be able to "jog" the brain and train the cognitive abilities with the goal of slowing down the progress of the disease. It can also help the patient to train executive abilities. Next of kin and caregivers can find comfort in that the disease slows down, and that the patient is feeling better..

Purposeful

The conversation has many purposes. It serves to prevent and slow down degradation of cognitive abilities and to increase quality of life. It can potentially also provide data and information for diagnosis and research and create value in its own.

THE TECHNOLOGIES NEEDED ARE AVAILABLE

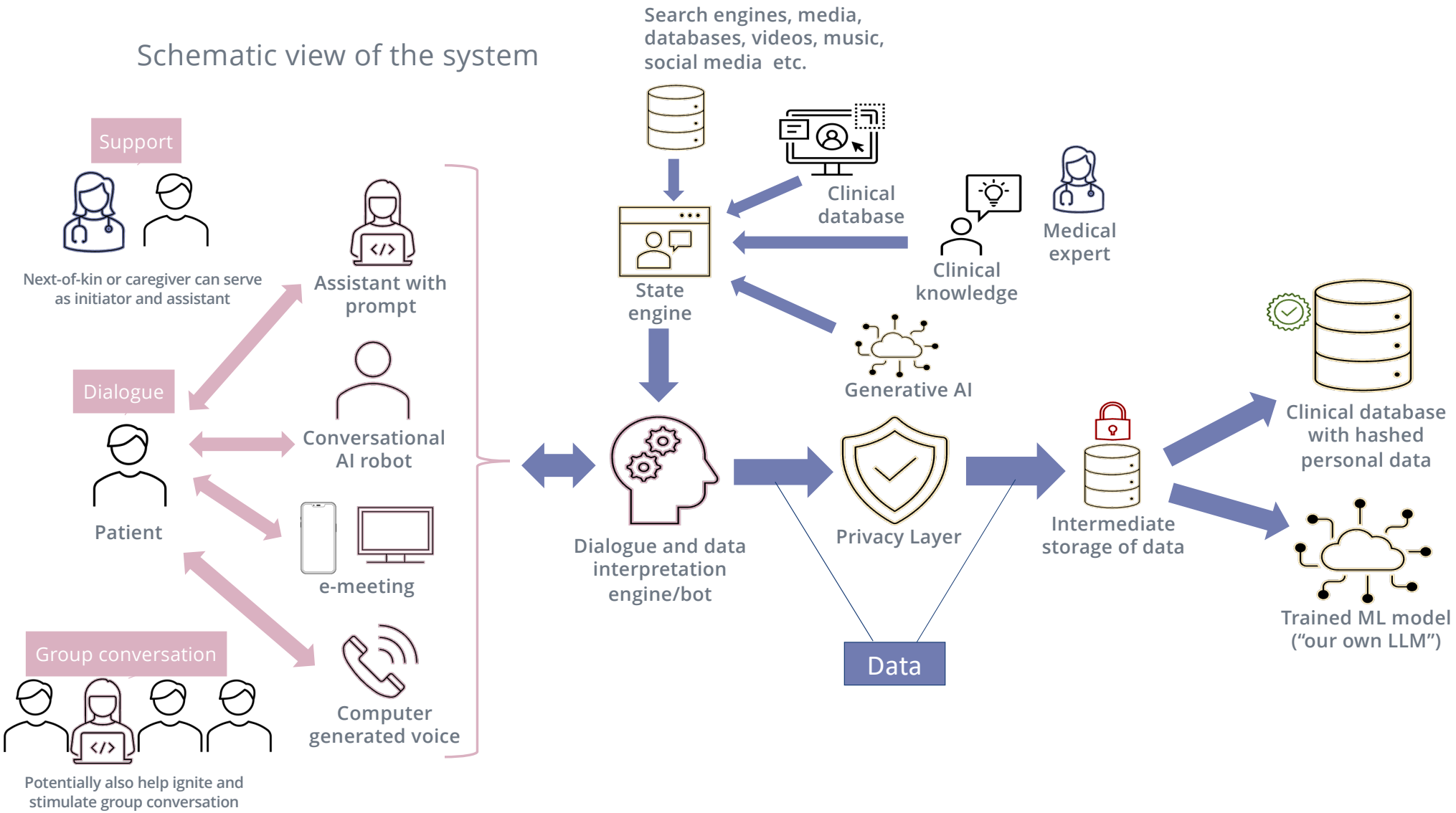


The technology is developing at a break-neck speed. New tools based on, or developed by, new AI tech makes previously impossible solutions possible.

Our solution is a unique, aggregated, collection of existing and disruptive, technologies.

Integrating relevant content from websites, media and databases into the conversations.

Schematic view of the system



DIALOGUE EXAMPLE VETERAN CARS

AI / ASSISTNAT

Tell me about your first car?

That's amazing, that's the first model of Volvo PV, called PV444. As a new car it costed about SEK 4 800. Do you recall what you paid?

Share more information about PV444?

Public records

wikipedia.com

Here is a picture of a red Volvo PV PV444 from 1947, what color was it on your car?

Yes, you told me that you bought it at Nilssons Bilhandel I Borås.
Do you recall any nice road trips or journeys with your Volvo PV?

Just follow the flow?

No, you didn't. In which part of Borås??

Show a picture and ask about if she recognize Brämhults kyrka?

Vad spännande I Ås Härad som blev en del av Borås Kommun 1972. Här är en bild av Brämhults kyrka, känner du igen den?

...

PATIENT

It was a used Volvo PV, from 1947.

The car was about three years old, and I think I paid SEK 2 500 when I bought it from Nilsons Bilhandel I Borås.

Did I tell you, that my first car was a Volvo PV, from 1947.

Did I tell you I grew up in Borås?

I Brämhults socken .

I married with my Axel, my first husband there in 1956

First car

Dementia indicator

TIMELINE

Team and Start (Q3 2024)

Research, scope solution and business model, partnering, secure first funding

First Implementation (Q2 2025)

In partnership with researchers test the first iteration of the solution

General availability (Q2 2026)

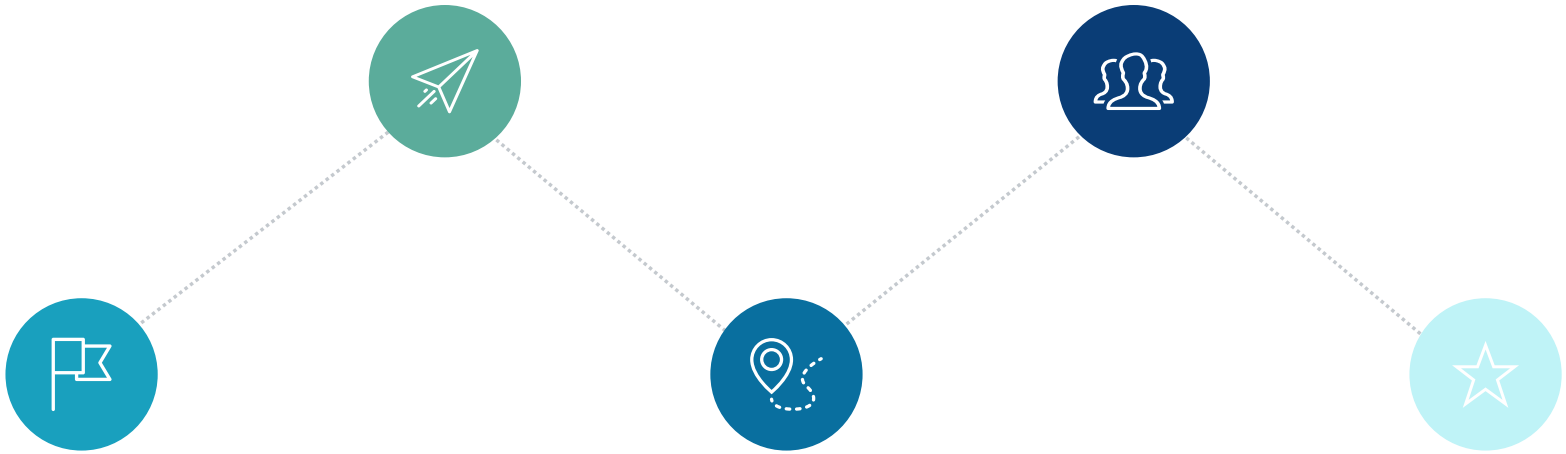
Stable solution and organization able to serve the first markets (Nordics)

Scaling

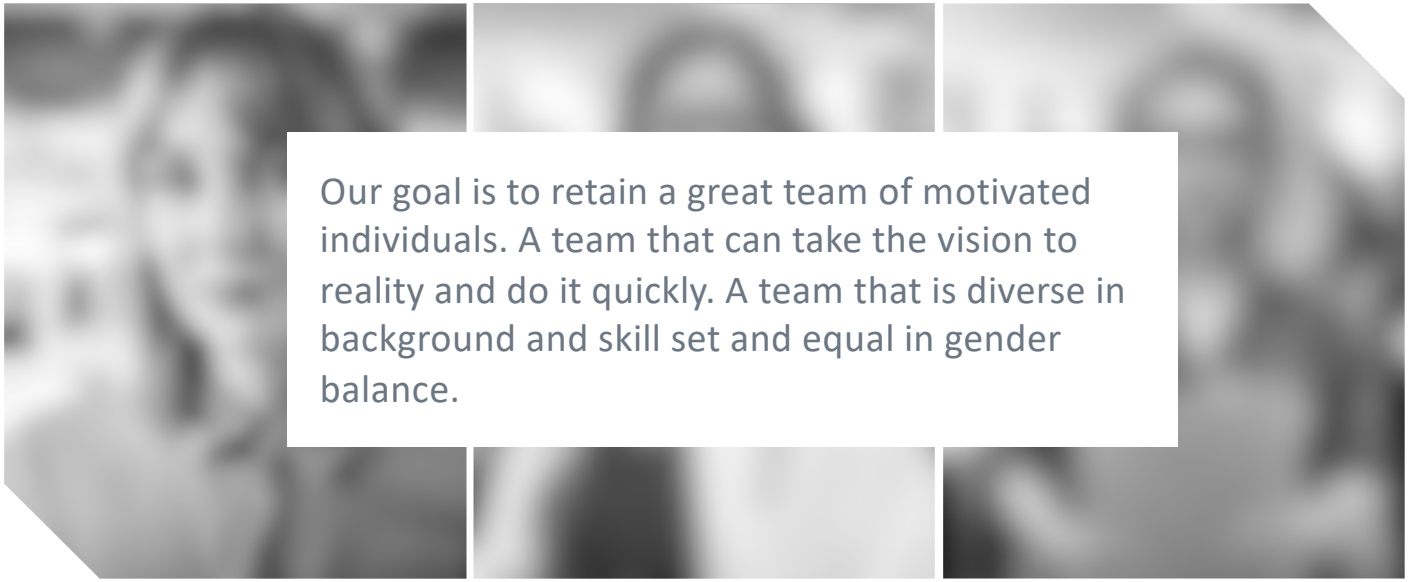
Scaling in Europe, expanded partnerships

Expansion

Trusted brand and premier value creator for patients and health care in the field of non-pharmaceutical dementia treatment



INITIAL TEAM



Our goal is to retain a great team of motivated individuals. A team that can take the vision to reality and do it quickly. A team that is diverse in background and skill set and equal in gender balance.

Katy White
Business Developer / Project Manager

Leads the team and implements the plan.

Responsible for commercial activities and clients

James White
Dementia Expert

Our medical expert and interface to research

Sandra White
IT architect

Responsible for designing the solution

SOCIAL IMPACT

Founders statement

A joint effort

The founders are convinced that a joint venture between research, social entrepreneurship and philanthropy under the umbrella of a commercial company has a unique potential to make a profound difference for dementia patients.

We have chosen a commercial company not to maximize profit but because it is the most proven model for innovations and resource smartness as well as for turning science into a real-world solution.

Potential long-term surplus shall be shared between philanthropy and return to shareholders.

INTERNATIONAL RESEARCHERS AND EXPERTS ON OUR RADAR AS POTENTIAL ADVISORS

Dr. Rachel Gali Cinamon

Tel Aviv University, Israel

Focusing on the development of virtual agents for supporting individuals with dementia and their caregivers

Dr. Wendy Moyle

Griffith University, Australia

Investigating use of conversational agents and virtual reality interventions for care and improving the well-being

Dr. Frank Rudzicz

Dalhousie University, Canada

Conducts research on natural language processing and conversational AI to assess cognitive decline due to dementia

Dr. Jesse Hoey

University of Waterloo, Canada

Use of conversational agents to support social interaction and engagement for individuals with dementia.

Dr. Gita Sukthankar

University of Central Florida, USA

Research on AI-driven conversational systems and applications in healthcare, including dementia care and monitoring

Dr. Nicholas T. Bott

Stanford University, USA

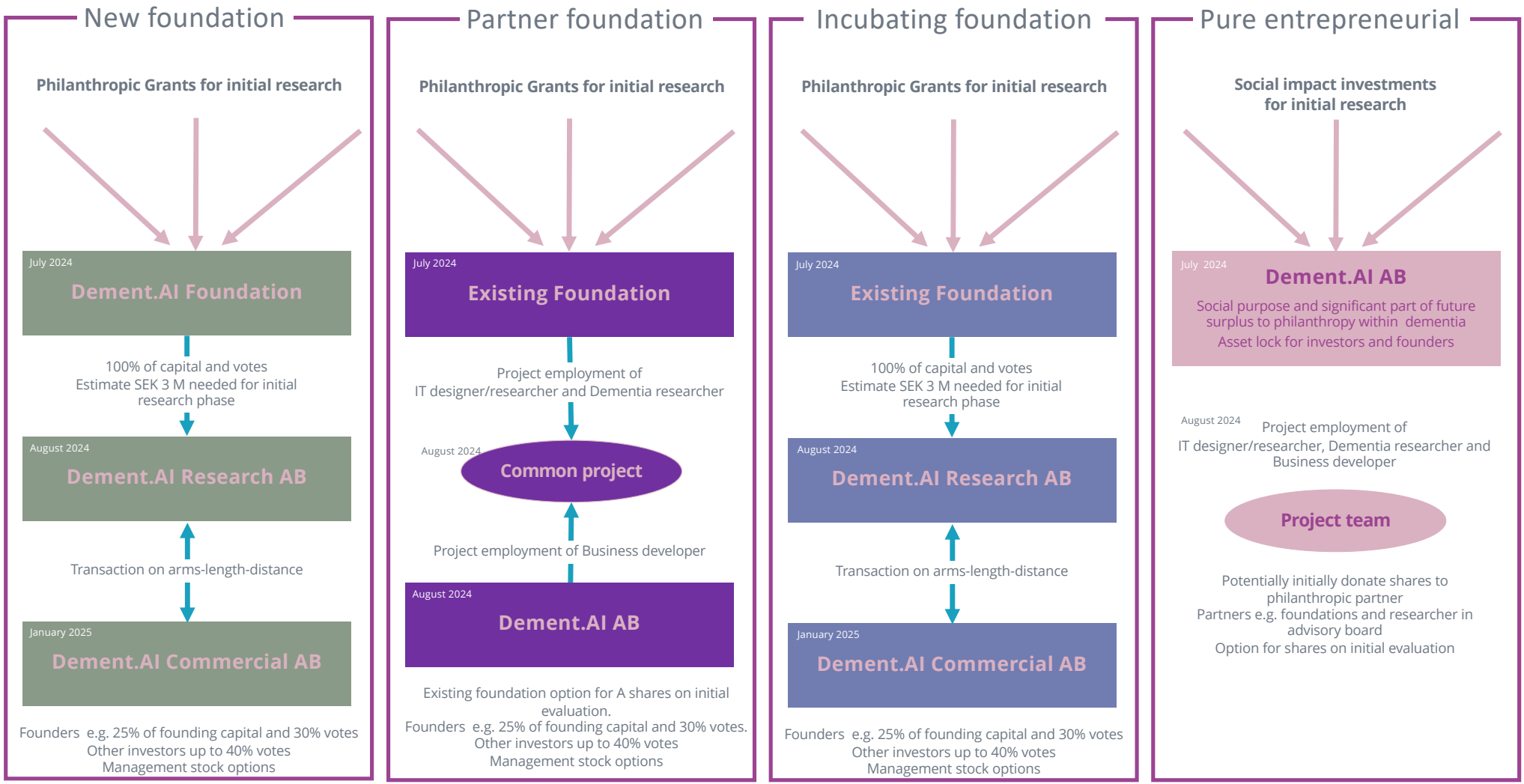
Researching the use of conversational AI and virtual agents to support cognitive rehabilitation and daily living activities for individuals with dementia

Dr. Suzanne Martin

Ulster University, Northern Ireland

Use of virtual agents and chatbots for personalized support and interventions for individuals with dementia

Optional social entrepreneurship setups and financing models



REFLECTIONS?
TOUGHTS?
QUESTIONS?


“The best way
to predict the future
is to create it”
Abraham Lincoln

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