

## Background

AGE-WELL, Canada's Aging & Technology Network (<https://agewell-nce.ca>), developed an innovative new AgeTech Implementation Response (AIR) Program to support the introduction of new technologies into older adult care settings.

The AIR Program used an implementation specialist (IS) to help circumvent challenges to the adoption & update of new technologies into care settings.

## Objective

To evaluate the impact of the AIR Program & identify key implementation considerations of introducing new technologies into older adult living settings in Canada.

## Methods

**Design & Analysis:** A qualitative research design was used to collect interview data from stakeholders about the AIR Program.

A deductive thematic analysis approach using the CFIR (Consolidated Framework for Implementation Research) was utilized. Transcripts coded using NVivo 12.

### Participants (N=33)

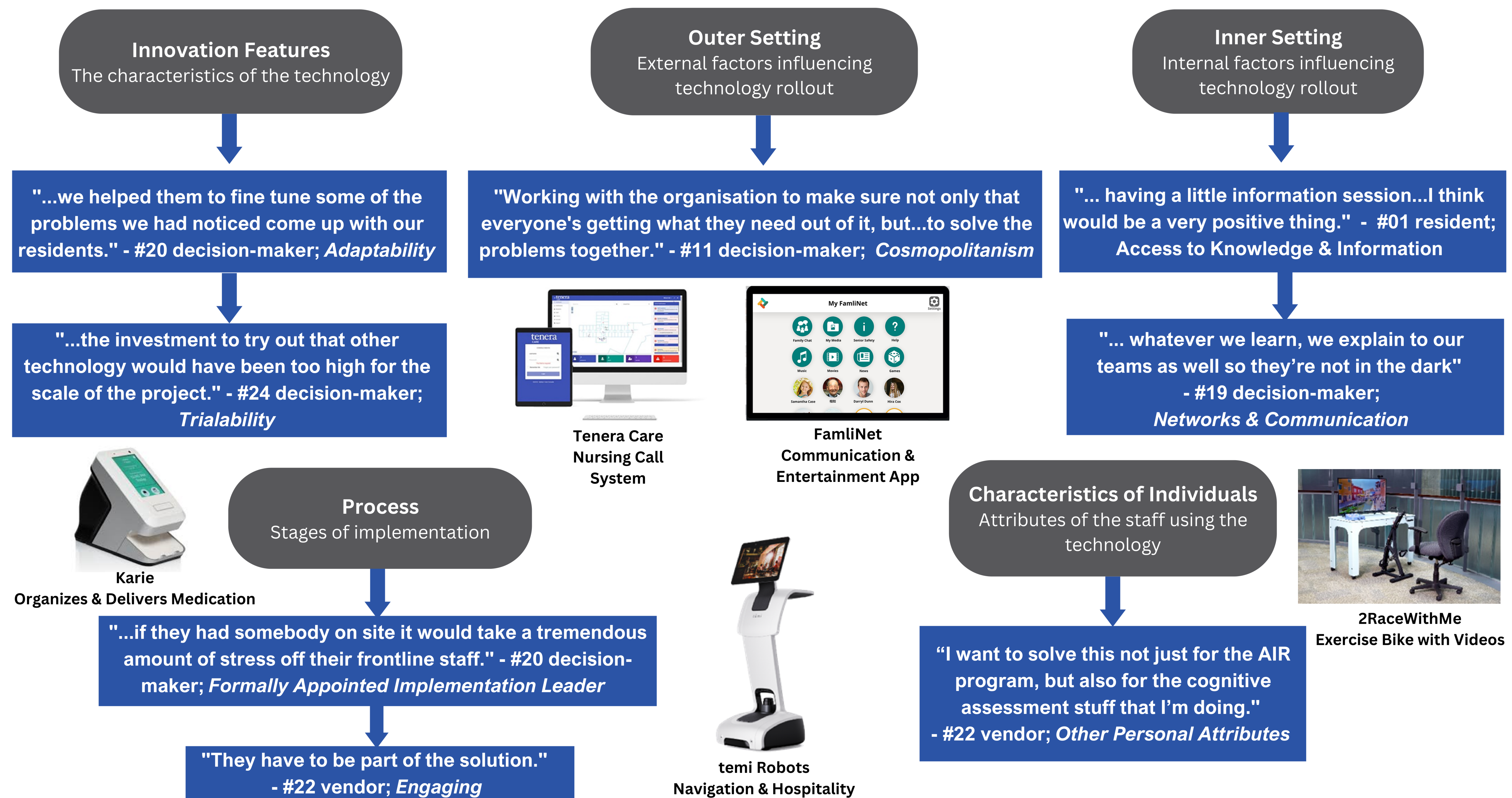
- 6 vendors; 20 decision-makers; 2 IS staff; 5 older adult residents.

### Technologies

The technologies supported by the AIR program across 6 sites were: 2RaceWithMe; Temi Robots; Tenera Care; FamliNet; Karie.

Funding provided by AGE-WELL NCE.

## Findings: Broad Implementation Considerations for Different Technologies (*Mapped to CFIR*)



## Discussion

### Key Considerations for Implementation:

- Technology should be readily adaptable to its local context & parties involved should often communicate implementation plans.
- Sufficient training & information should be provided in coordination with implementation (i.e. to staff, residents, etc.).
- Create opportunities for teams to reflect upon the progress of implementation to identify areas of improvement.

The AIR Program was well-received by all stakeholders & the CFIR was a useful framework for identifying key implementation considerations needed to support the future introduction of new technologies into older adult care sites.