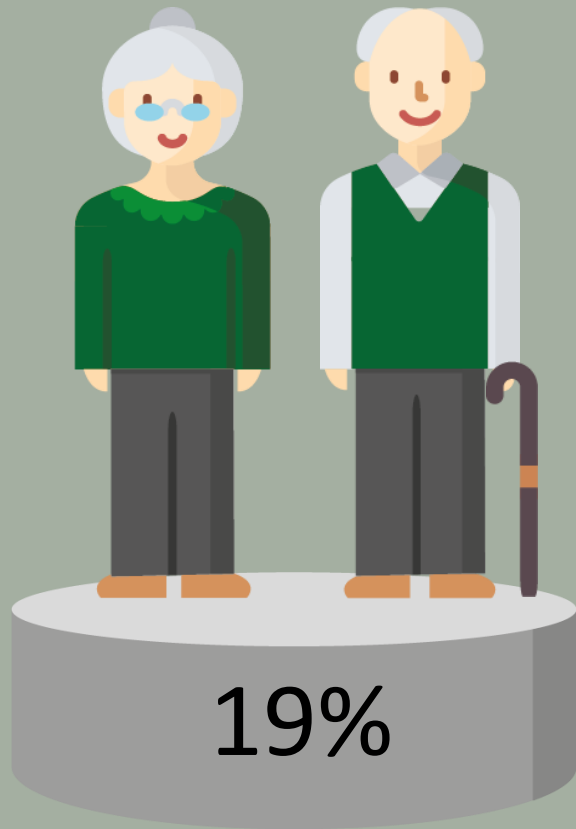




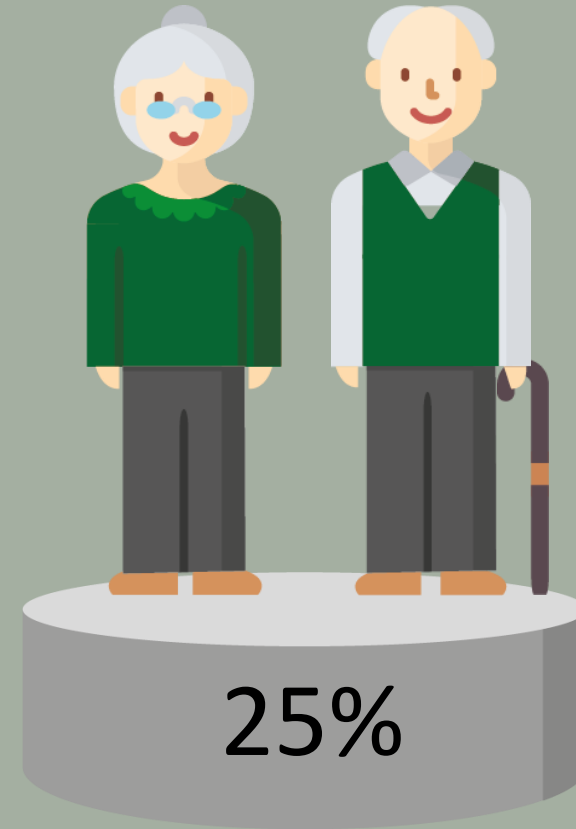
GUARDIAN ANGEL

Supports seniors to drive safely

The European population is ageing.



People age 65+ in 2017



In 2050, this will be 25%



Ageing persons **remain active** for a **longer period of time**.

This includes remaining mobile and driving a car.

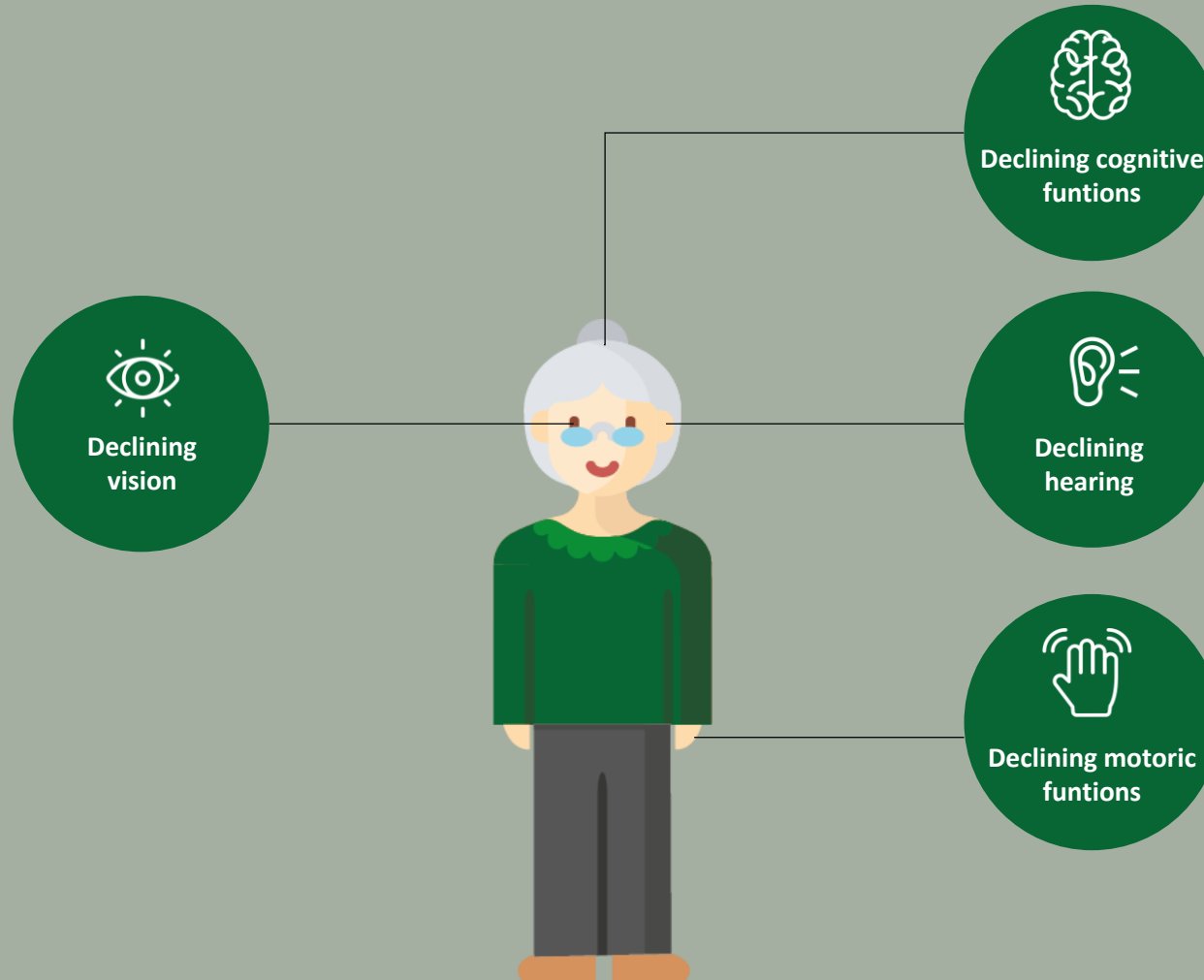
Driving is very important for seniors.



Based on our research, we know what driving means to them:



But, the older drivers face **challenges**
and are more prone to **injuries**.



Due to ageing, senior drivers experience **deterioration** of several functions that are important for **safe participation in traffic**.

Combined with:



Increased physical vulnerability



Lower annual mileages

...these factors make for a **higher death or injury rate.**

CuARdian Angel wants to develop concepts for seniors that allow them to **drive safely** for a **longer period of time** and with a **higher level of comfort**.

1800

seniors

50

stakeholders





CARA Selftest



CARA MyCoach



CARA MyRoad

Based on thorough research, 3 concepts were generated.



CARA **Selftest**

An online tool that helps assess:

- Mobility behaviour
- Social context and habits
- Daily activity
- Psychomotoric skills



CARA **Selftest**

Our **research confirmed** that people:

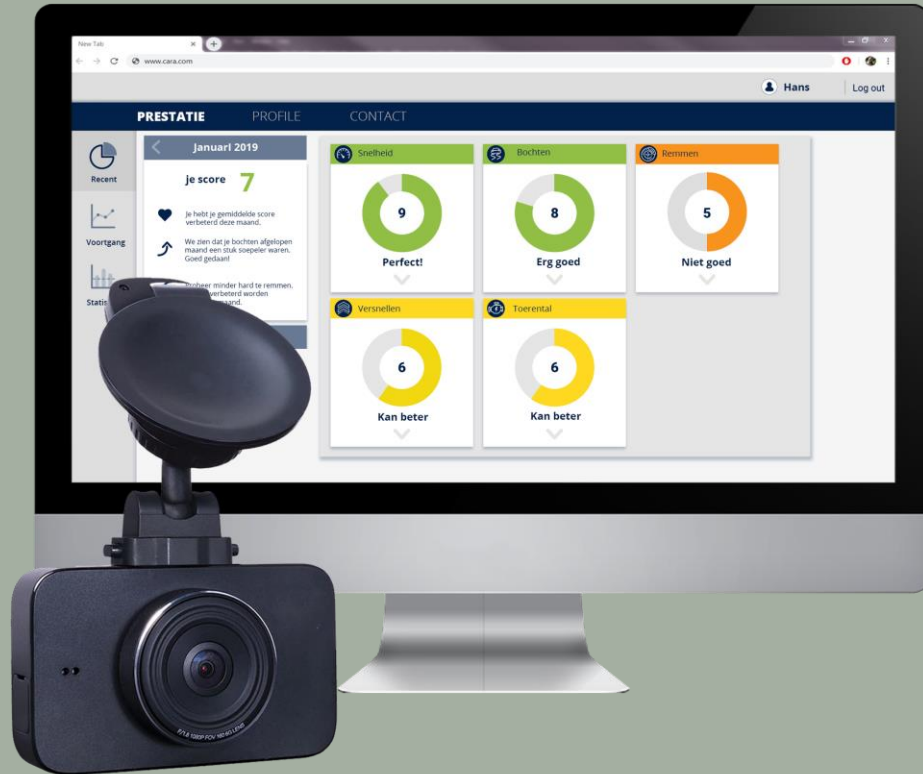
- Consider themselves excellent drivers
- Rely on years of driving experience
- Don't realise how their behaviour changed over the years
- Have a hard time accepting limitations of ageing



CARA **Selftest**

Benefits:

- Personalised approach
- Self-assessment of driving abilities
- Increased individual awareness
- Entry to customised solutions



CARA MyCoach

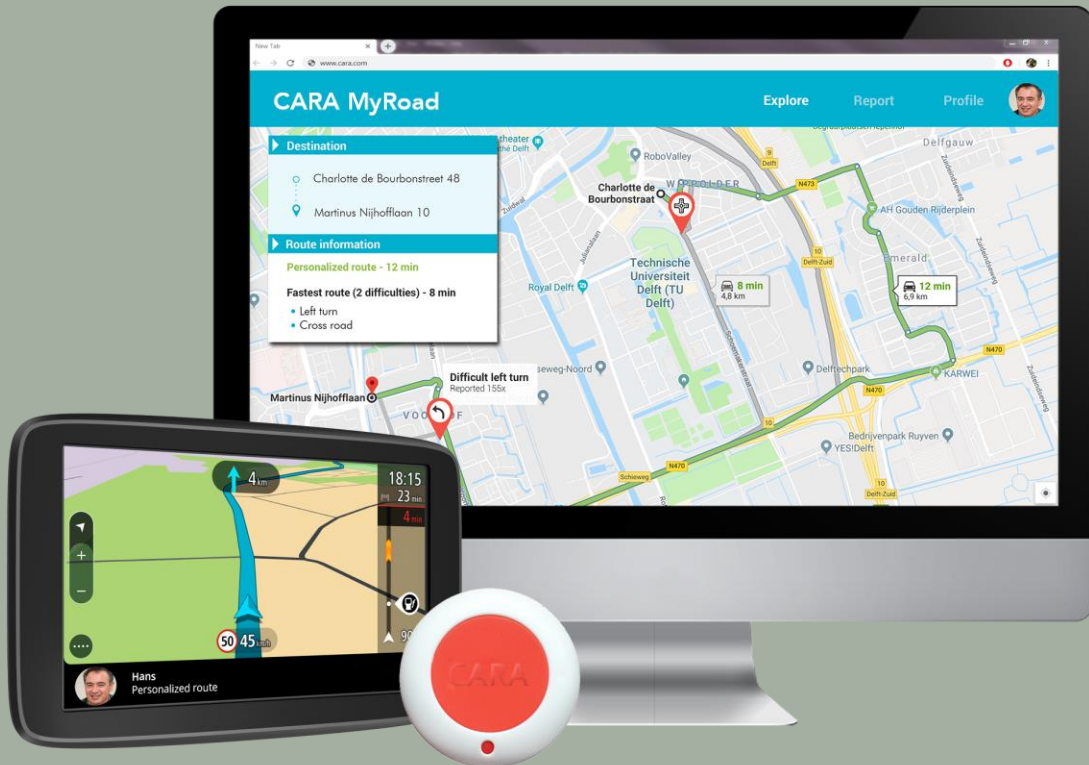
provides **monitoring** and **personalized feedback** for senior drivers.



CARA MyCoach

Benefits:

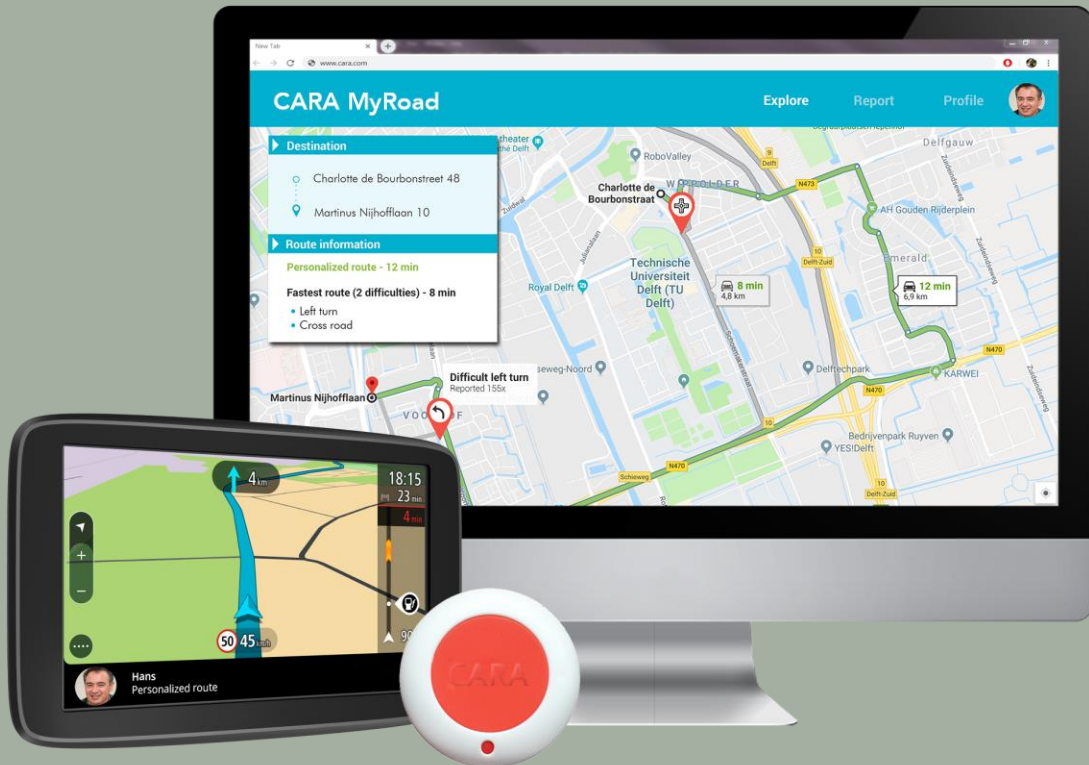
- Objective score of driving behaviour: e.g. speed, lane keeping and driving style.
- Personalised tips on how to improve driving behaviour.



CARA MyRoad

An advanced personal route planner that:

- considers traffic conditions
- adjusts to individual drivers' challenges
- creates routes based on the seniors' personal skills and behaviour



CARA MyRoad

Benefits:

- Provides comfort management
- Reduces stress and uncertainty

All the findings and products are also **relevant to other road users:**

- persons with disabilities and limitations,
irrelevant to cause and age,
- novice or occasional drivers.

These concepts will be further developed
into **market products** in



Thank you!

Please join us!

For more information:

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Consortium partners



F2S2



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Co-funded by the
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